

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF070318\  
 Data File : FF001210.D  
 Signal(s) : FID2B.ch  
 Acq On : 03 Jul 2018 21:16  
 Sample : J3840-10  
 Misc :  
 ALS Vial : 68 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\PESTPCBSRV\HPCHEM1\FID\_F\Method\FF070218.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         | 4.228       | 4.192        | 4.247      | BH       | 716            | 6515         | 0.14%          | 0.007%        |
| 2         | 4.264       | 4.247        | 4.278      | HH       | 266            | 2319         | 0.05%          | 0.003%        |
| 3         | 4.291       | 4.278        | 4.324      | PH       | 146            | 1321         | 0.03%          | 0.001%        |
| 4         | 4.327       | 4.324        | 4.352      | PH       | 56             | -1196        | -0.03%         | -0.001%       |
| 5         | 4.378       | 4.352        | 4.409      | PH       | 4233           | 44514        | 0.95%          | 0.050%        |
| 6         | 4.419       | 4.409        | 4.429      | HH       | 400            | 3765         | 0.08%          | 0.004%        |
| 7         | 4.441       | 4.429        | 4.467      | HH       | 580            | 7694         | 0.16%          | 0.009%        |
| 8         | 4.481       | 4.467        | 4.500      | PH       | 960            | 9014         | 0.19%          | 0.010%        |
| 9         | 4.506       | 4.500        | 4.521      | HH       | 175            | 436          | 0.01%          | 0.000%        |
| 10        | 4.533       | 4.521        | 4.558      | PH       | 33             | -2411        | -0.05%         | -0.003%       |
| 11        | 4.571       | 4.558        | 4.578      | PH       | -136           | -2418        | -0.05%         | -0.003%       |
| 12        | 4.596       | 4.578        | 4.617      | PH       | 64             | -1879        | -0.04%         | -0.002%       |
| 13        | 4.636       | 4.617        | 4.669      | PH       | 56             | -2965        | -0.06%         | -0.003%       |
| 14        | 4.689       | 4.669        | 4.721      | PH       | 477            | -1386        | -0.03%         | -0.002%       |
| 15        | 4.738       | 4.721        | 4.743      | PH       | -168           | -3635        | -0.08%         | -0.004%       |
| 16        | 4.749       | 4.743        | 4.754      | PH       | -257           | -1973        | -0.04%         | -0.002%       |
| 17        | 4.757       | 4.754        | 4.767      | PH       | -261           | -2516        | -0.05%         | -0.003%       |
| 18        | 4.771       | 4.767        | 4.800      | PH       | -255           | -5988        | -0.13%         | -0.007%       |
| 19        | 4.819       | 4.800        | 4.852      | PH       | 358            | -1366        | -0.03%         | -0.002%       |
| 20        | 4.864       | 4.852        | 4.884      | PH       | -65            | -4232        | -0.09%         | -0.005%       |
| 21        | 4.903       | 4.884        | 4.924      | PH       | 164            | -1710        | -0.04%         | -0.002%       |
| 22        | 4.937       | 4.924        | 4.949      | PH       | 16             | -1268        | -0.03%         | -0.001%       |
| 23        | 4.964       | 4.949        | 5.009      | PH       | 26             | -7474        | -0.16%         | -0.008%       |
| 24        | 5.024       | 5.009        | 5.038      | PH       | -265           | -6980        | -0.15%         | -0.008%       |
| 25        | 5.056       | 5.038        | 5.067      | PH       | -268           | -5930        | -0.13%         | -0.007%       |
| 26        | 5.088       | 5.067        | 5.110      | PH       | 84             | -4105        | -0.09%         | -0.005%       |
| 27        | 5.116       | 5.110        | 5.133      | PH       | -109           | -3032        | -0.06%         | -0.003%       |
| 28        | 5.148       | 5.133        | 5.169      | PH       | -119           | -6541        | -0.14%         | -0.007%       |
| 29        | 5.181       | 5.169        | 5.193      | PH       | -168           | -5052        | -0.11%         | -0.006%       |
| 30        | 5.208       | 5.193        | 5.221      | PH       | -288           | -6510        | -0.14%         | -0.007%       |
| 31        | 5.235       | 5.221        | 5.245      | PH       | -434           | -6990        | -0.15%         | -0.008%       |
| 32        | 5.263       | 5.245        | 5.315      | PH       | 435            | -5565        | -0.12%         | -0.006%       |
| 33        | 5.333       | 5.315        | 5.361      | PH       | -1             | -8056        | -0.17%         | -0.009%       |
| 34        | 5.382       | 5.361        | 5.400      | PH       | -341           | -10127       | -0.22%         | -0.011%       |
| 35        | 5.440       | 5.400        | 5.474      | PH       | 292            | -8620        | -0.18%         | -0.010%       |
| 36        | 5.512       | 5.474        | 5.520      | PH       | -221           | -10133       | -0.22%         | -0.011%       |

|    |       |       |       |    | rteres.txt |        |        |         |
|----|-------|-------|-------|----|------------|--------|--------|---------|
| 37 | 5.551 | 5.520 | 5.587 | PH | 210        | -6224  | -0.13% | -0.007% |
| 38 | 5.592 | 5.587 | 5.601 | PH | -378       | -3262  | -0.07% | -0.004% |
| 39 | 5.622 | 5.601 | 5.635 | PH | -108       | -5343  | -0.11% | -0.006% |
| 40 | 5.652 | 5.635 | 5.667 | PH | -286       | -7313  | -0.16% | -0.008% |
| 41 | 5.679 | 5.667 | 5.688 | PH | -403       | -5752  | -0.12% | -0.006% |
| 42 | 5.714 | 5.688 | 5.747 | PH | -223       | -13592 | -0.29% | -0.015% |
| 43 | 5.764 | 5.747 | 5.782 | PH | -131       | -5913  | -0.13% | -0.007% |
| 44 | 5.805 | 5.782 | 5.879 | PH | 3317       | 39446  | 0.85%  | 0.045%  |
| 45 | 5.899 | 5.879 | 5.922 | PH | 418        | 1445   | 0.03%  | 0.002%  |
| 46 | 5.944 | 5.922 | 5.951 | PH | 335        | 1376   | 0.03%  | 0.002%  |
| 47 | 5.964 | 5.951 | 6.005 | HH | 928        | 6664   | 0.14%  | 0.008%  |
| 48 | 6.011 | 6.005 | 6.016 | PH | -164       | -1228  | -0.03% | -0.001% |
| 49 | 6.038 | 6.016 | 6.061 | PH | 152        | -993   | -0.02% | -0.001% |
| 50 | 6.110 | 6.061 | 6.124 | PH | 186        | 1510   | 0.03%  | 0.002%  |
| 51 | 6.146 | 6.124 | 6.171 | HH | 522        | 10453  | 0.22%  | 0.012%  |
| 52 | 6.204 | 6.171 | 6.221 | HH | 595        | 14332  | 0.31%  | 0.016%  |
| 53 | 6.238 | 6.221 | 6.308 | HH | 1671       | 23338  | 0.50%  | 0.026%  |
| 54 | 6.319 | 6.308 | 6.329 | PH | -124       | -2166  | -0.05% | -0.002% |
| 55 | 6.334 | 6.329 | 6.338 | PH | -139       | -931   | -0.02% | -0.001% |
| 56 | 6.356 | 6.338 | 6.369 | PH | -53        | -3073  | -0.07% | -0.003% |
| 57 | 6.387 | 6.369 | 6.414 | PH | 1083       | 6445   | 0.14%  | 0.007%  |
| 58 | 6.425 | 6.414 | 6.443 | PH | -142       | -5168  | -0.11% | -0.006% |
| 59 | 6.455 | 6.443 | 6.474 | PH | -358       | -8620  | -0.18% | -0.010% |
| 60 | 6.486 | 6.474 | 6.494 | PH | -394       | -5805  | -0.12% | -0.007% |
| 61 | 6.516 | 6.494 | 6.539 | PH | 132        | -6496  | -0.14% | -0.007% |
| 62 | 6.557 | 6.539 | 6.597 | PH | 18         | -10128 | -0.22% | -0.011% |
| 63 | 6.618 | 6.597 | 6.623 | PH | -243       | -5646  | -0.12% | -0.006% |
| 64 | 6.628 | 6.623 | 6.651 | PH | -239       | -6461  | -0.14% | -0.007% |
| 65 | 6.668 | 6.651 | 6.672 | PH | -363       | -5803  | -0.12% | -0.007% |
| 66 | 6.682 | 6.672 | 6.689 | PH | -371       | -4435  | -0.10% | -0.005% |
| 67 | 6.693 | 6.689 | 6.711 | PH | -384       | -6565  | -0.14% | -0.007% |
| 68 | 6.756 | 6.711 | 6.771 | PH | 169        | -5875  | -0.13% | -0.007% |
| 69 | 6.774 | 6.771 | 6.780 | PH | -126       | -853   | -0.02% | -0.001% |
| 70 | 6.792 | 6.780 | 6.818 | PH | 55         | -4773  | -0.10% | -0.005% |
| 71 | 6.857 | 6.818 | 6.881 | PH | 2374       | 24234  | 0.52%  | 0.027%  |
| 72 | 6.895 | 6.881 | 6.916 | HH | 212        | -141   | -0.00% | -0.000% |
| 73 | 6.938 | 6.916 | 6.969 | PH | 2237       | 16382  | 0.35%  | 0.018%  |
| 74 | 6.988 | 6.969 | 7.022 | PH | 2225       | 19374  | 0.42%  | 0.022%  |
| 75 | 7.031 | 7.022 | 7.084 | PH | -74        | -12448 | -0.27% | -0.014% |
| 76 | 7.102 | 7.084 | 7.122 | PH | -143       | -8304  | -0.18% | -0.009% |
| 77 | 7.159 | 7.122 | 7.187 | PH | 1175       | 2650   | 0.06%  | 0.003%  |
| 78 | 7.193 | 7.187 | 7.209 | PH | -273       | -4843  | -0.10% | -0.005% |
| 79 | 7.229 | 7.209 | 7.255 | PH | -223       | -10221 | -0.22% | -0.012% |
| 80 | 7.286 | 7.255 | 7.308 | PH | -264       | -13758 | -0.29% | -0.016% |
| 81 | 7.330 | 7.308 | 7.361 | PH | 95         | -9884  | -0.21% | -0.011% |
| 82 | 7.370 | 7.361 | 7.414 | PH | -488       | -17366 | -0.37% | -0.020% |
| 83 | 7.436 | 7.414 | 7.456 | PH | -14        | -8072  | -0.17% | -0.009% |
| 84 | 7.470 | 7.456 | 7.477 | PH | -467       | -6552  | -0.14% | -0.007% |
| 85 | 7.495 | 7.477 | 7.514 | PH | -236       | -9863  | -0.21% | -0.011% |
| 86 | 7.517 | 7.514 | 7.542 | PH | -511       | -9811  | -0.21% | -0.011% |
| 87 | 7.583 | 7.542 | 7.592 | PH | 523        | -4040  | -0.09% | -0.005% |
| 88 | 7.603 | 7.592 | 7.621 | HH | 423        | 3900   | 0.08%  | 0.004%  |
| 89 | 7.627 | 7.621 | 7.664 | PH | 115        | -3385  | -0.07% | -0.004% |

|     |        |        |        |    |            |        |        |         |
|-----|--------|--------|--------|----|------------|--------|--------|---------|
|     |        |        |        |    | rteres.txt |        |        |         |
| 90  | 7.679  | 7.664  | 7.687  | PH | -287       | -4674  | -0.10% | -0.005% |
| 91  | 7.693  | 7.687  | 7.696  | PH | -289       | -1907  | -0.04% | -0.002% |
| 92  | 7.728  | 7.696  | 7.745  | PH | 855        | 9318   | 0.20%  | 0.011%  |
| 93  | 7.759  | 7.745  | 7.812  | HH | 1575       | 19789  | 0.42%  | 0.022%  |
| 94  | 7.848  | 7.812  | 7.884  | PH | 1827       | 20684  | 0.44%  | 0.023%  |
| 95  | 7.889  | 7.884  | 7.894  | PH | -267       | -1719  | -0.04% | -0.002% |
| 96  | 7.944  | 7.894  | 7.962  | PH | 4438       | 51919  | 1.11%  | 0.059%  |
| 97  | 7.994  | 7.962  | 8.011  | HH | 3868       | 75132  | 1.61%  | 0.085%  |
| 98  | 8.026  | 8.011  | 8.055  | HH | 4120       | 52452  | 1.12%  | 0.059%  |
| 99  | 8.083  | 8.055  | 8.109  | HH | 90788      | 993307 | 21.28% | 1.121%  |
| 100 | 8.126  | 8.109  | 8.166  | HH | 14597      | 224300 | 4.81%  | 0.253%  |
| 101 | 8.172  | 8.166  | 8.197  | HH | 1683       | 21450  | 0.46%  | 0.024%  |
| 102 | 8.217  | 8.197  | 8.244  | HH | 1432       | 20849  | 0.45%  | 0.024%  |
| 103 | 8.264  | 8.244  | 8.339  | HH | 1052       | 7223   | 0.15%  | 0.008%  |
| 104 | 8.380  | 8.339  | 8.397  | PH | 953        | 8515   | 0.18%  | 0.010%  |
| 105 | 8.419  | 8.397  | 8.451  | HH | 12447      | 146198 | 3.13%  | 0.165%  |
| 106 | 8.472  | 8.451  | 8.483  | HH | 1669       | 23581  | 0.51%  | 0.027%  |
| 107 | 8.500  | 8.483  | 8.541  | HH | 2226       | 46670  | 1.00%  | 0.053%  |
| 108 | 8.561  | 8.541  | 8.596  | HH | 2312       | 32852  | 0.70%  | 0.037%  |
| 109 | 8.611  | 8.596  | 8.634  | HH | 843        | 10977  | 0.24%  | 0.012%  |
| 110 | 8.661  | 8.634  | 8.680  | HH | 4329       | 53265  | 1.14%  | 0.060%  |
| 111 | 8.698  | 8.680  | 8.720  | HH | 2995       | 43411  | 0.93%  | 0.049%  |
| 112 | 8.746  | 8.720  | 8.774  | HH | 3591       | 63458  | 1.36%  | 0.072%  |
| 113 | 8.785  | 8.774  | 8.812  | HH | 1261       | 18689  | 0.40%  | 0.021%  |
| 114 | 8.845  | 8.812  | 8.860  | HH | 4312       | 75588  | 1.62%  | 0.085%  |
| 115 | 8.871  | 8.860  | 8.919  | HH | 3471       | 46658  | 1.00%  | 0.053%  |
| 116 | 8.943  | 8.919  | 8.959  | PH | 355        | 3430   | 0.07%  | 0.004%  |
| 117 | 8.985  | 8.959  | 9.004  | HH | 4025       | 50581  | 1.08%  | 0.057%  |
| 118 | 9.018  | 9.004  | 9.051  | HH | 2454       | 31025  | 0.66%  | 0.035%  |
| 119 | 9.069  | 9.051  | 9.089  | HH | 1653       | 19830  | 0.42%  | 0.022%  |
| 120 | 9.121  | 9.089  | 9.145  | HH | 3680       | 59812  | 1.28%  | 0.067%  |
| 121 | 9.163  | 9.145  | 9.178  | HH | 1520       | 21531  | 0.46%  | 0.024%  |
| 122 | 9.205  | 9.178  | 9.249  | HH | 6981       | 144587 | 3.10%  | 0.163%  |
| 123 | 9.281  | 9.249  | 9.298  | HH | 4626       | 73326  | 1.57%  | 0.083%  |
| 124 | 9.323  | 9.298  | 9.334  | HH | 2964       | 49438  | 1.06%  | 0.056%  |
| 125 | 9.350  | 9.334  | 9.374  | HH | 6955       | 100077 | 2.14%  | 0.113%  |
| 126 | 9.385  | 9.374  | 9.390  | HH | 1652       | 14849  | 0.32%  | 0.017%  |
| 127 | 9.410  | 9.390  | 9.437  | HH | 4393       | 74197  | 1.59%  | 0.084%  |
| 128 | 9.459  | 9.437  | 9.481  | HH | 1759       | 39834  | 0.85%  | 0.045%  |
| 129 | 9.489  | 9.481  | 9.501  | HH | 1335       | 14692  | 0.31%  | 0.017%  |
| 130 | 9.526  | 9.501  | 9.564  | HH | 5271       | 113359 | 2.43%  | 0.128%  |
| 131 | 9.579  | 9.564  | 9.594  | HH | 2419       | 35636  | 0.76%  | 0.040%  |
| 132 | 9.624  | 9.594  | 9.668  | HH | 9232       | 188754 | 4.04%  | 0.213%  |
| 133 | 9.683  | 9.668  | 9.701  | HH | 3072       | 49956  | 1.07%  | 0.056%  |
| 134 | 9.719  | 9.701  | 9.749  | HH | 2665       | 55753  | 1.19%  | 0.063%  |
| 135 | 9.790  | 9.749  | 9.863  | HH | 2649       | 92805  | 1.99%  | 0.105%  |
| 136 | 9.887  | 9.863  | 9.912  | HH | 1295       | 29792  | 0.64%  | 0.034%  |
| 137 | 9.946  | 9.912  | 9.977  | HH | 2968       | 68121  | 1.46%  | 0.077%  |
| 138 | 10.005 | 9.977  | 10.029 | HH | 3404       | 79560  | 1.70%  | 0.090%  |
| 139 | 10.059 | 10.029 | 10.068 | HH | 5738       | 92996  | 1.99%  | 0.105%  |
| 140 | 10.082 | 10.068 | 10.107 | HH | 6711       | 123782 | 2.65%  | 0.140%  |
| 141 | 10.125 | 10.107 | 10.168 | HH | 6082       | 139749 | 2.99%  | 0.158%  |

|     |        |        |        |    | rteres.txt |         |         |        |
|-----|--------|--------|--------|----|------------|---------|---------|--------|
| 142 | 10.200 | 10.168 | 10.240 | HH | 8190       | 213414  | 4.57%   | 0.241% |
| 143 | 10.262 | 10.240 | 10.307 | HH | 10555      | 271394  | 5.81%   | 0.306% |
| 144 | 10.332 | 10.307 | 10.343 | HH | 5695       | 103374  | 2.21%   | 0.117% |
| 145 | 10.366 | 10.343 | 10.383 | HH | 11730      | 195580  | 4.19%   | 0.221% |
| 146 | 10.404 | 10.383 | 10.418 | HH | 11653      | 196232  | 4.20%   | 0.221% |
| 147 | 10.427 | 10.418 | 10.446 | HH | 10271      | 141200  | 3.03%   | 0.159% |
| 148 | 10.457 | 10.446 | 10.486 | HH | 6265       | 136278  | 2.92%   | 0.154% |
| 149 | 10.501 | 10.486 | 10.516 | HH | 6872       | 106278  | 2.28%   | 0.120% |
| 150 | 10.531 | 10.516 | 10.554 | HH | 5827       | 113691  | 2.44%   | 0.128% |
| 151 | 10.598 | 10.554 | 10.646 | HH | 203804     | 2598078 | 55.66%  | 2.931% |
| 152 | 10.674 | 10.646 | 10.706 | HH | 37065      | 615829  | 13.19%  | 0.695% |
| 153 | 10.720 | 10.706 | 10.759 | HH | 6834       | 180827  | 3.87%   | 0.204% |
| 154 | 10.774 | 10.759 | 10.800 | HH | 4602       | 105741  | 2.27%   | 0.119% |
| 155 | 10.818 | 10.800 | 10.837 | HH | 4620       | 91060   | 1.95%   | 0.103% |
| 156 | 10.859 | 10.837 | 10.877 | HH | 5427       | 109818  | 2.35%   | 0.124% |
| 157 | 10.903 | 10.877 | 10.932 | HH | 11424      | 241069  | 5.16%   | 0.272% |
| 158 | 10.946 | 10.932 | 10.953 | HH | 4977       | 57330   | 1.23%   | 0.065% |
| 159 | 10.958 | 10.953 | 10.978 | HH | 4858       | 69061   | 1.48%   | 0.078% |
| 160 | 11.000 | 10.978 | 11.020 | HH | 6464       | 137771  | 2.95%   | 0.155% |
| 161 | 11.035 | 11.020 | 11.046 | HH | 5216       | 74926   | 1.61%   | 0.085% |
| 162 | 11.061 | 11.046 | 11.079 | HH | 7442       | 122823  | 2.63%   | 0.139% |
| 163 | 11.093 | 11.079 | 11.103 | HH | 6175       | 81759   | 1.75%   | 0.092% |
| 164 | 11.133 | 11.103 | 11.171 | HH | 16560      | 388360  | 8.32%   | 0.438% |
| 165 | 11.201 | 11.171 | 11.222 | HH | 8947       | 204714  | 4.39%   | 0.231% |
| 166 | 11.245 | 11.222 | 11.273 | HH | 11309      | 253642  | 5.43%   | 0.286% |
| 167 | 11.295 | 11.273 | 11.318 | HH | 9911       | 185260  | 3.97%   | 0.209% |
| 168 | 11.329 | 11.318 | 11.344 | HH | 5311       | 77414   | 1.66%   | 0.087% |
| 169 | 11.360 | 11.344 | 11.371 | HH | 5290       | 80972   | 1.73%   | 0.091% |
| 170 | 11.400 | 11.371 | 11.414 | HH | 55265      | 704781  | 15.10%  | 0.795% |
| 171 | 11.430 | 11.414 | 11.474 | HH | 63226      | 917201  | 19.65%  | 1.035% |
| 172 | 11.510 | 11.474 | 11.529 | HH | 36868      | 686142  | 14.70%  | 0.774% |
| 173 | 11.547 | 11.529 | 11.561 | HH | 43310      | 557595  | 11.95%  | 0.629% |
| 174 | 11.578 | 11.561 | 11.625 | HH | 51264      | 804479  | 17.23%  | 0.908% |
| 175 | 11.671 | 11.625 | 11.682 | HH | 6428       | 196967  | 4.22%   | 0.222% |
| 176 | 11.690 | 11.682 | 11.707 | HH | 6561       | 96264   | 2.06%   | 0.109% |
| 177 | 11.730 | 11.707 | 11.749 | HH | 10630      | 204851  | 4.39%   | 0.231% |
| 178 | 11.771 | 11.749 | 11.846 | HH | 25215      | 724066  | 15.51%  | 0.817% |
| 179 | 11.872 | 11.846 | 11.914 | HH | 31464      | 613211  | 13.14%  | 0.692% |
| 180 | 11.931 | 11.914 | 11.947 | HH | 9910       | 178977  | 3.83%   | 0.202% |
| 181 | 11.959 | 11.947 | 11.970 | HH | 8562       | 109683  | 2.35%   | 0.124% |
| 182 | 11.983 | 11.970 | 11.996 | HH | 9997       | 140425  | 3.01%   | 0.158% |
| 183 | 12.016 | 11.996 | 12.038 | HH | 14999      | 271039  | 5.81%   | 0.306% |
| 184 | 12.081 | 12.038 | 12.088 | HH | 8536       | 235881  | 5.05%   | 0.266% |
| 185 | 12.119 | 12.088 | 12.132 | HH | 16276      | 324394  | 6.95%   | 0.366% |
| 186 | 12.143 | 12.132 | 12.169 | HH | 14220      | 259049  | 5.55%   | 0.292% |
| 187 | 12.189 | 12.169 | 12.231 | HH | 21492      | 506533  | 10.85%  | 0.572% |
| 188 | 12.257 | 12.231 | 12.278 | HH | 25564      | 472152  | 10.12%  | 0.533% |
| 189 | 12.299 | 12.278 | 12.318 | HH | 48094      | 718704  | 15.40%  | 0.811% |
| 190 | 12.334 | 12.318 | 12.349 | HH | 25301      | 399273  | 8.55%   | 0.450% |
| 191 | 12.364 | 12.349 | 12.386 | HH | 27129      | 444657  | 9.53%   | 0.502% |
| 192 | 12.415 | 12.386 | 12.473 | HH | 360202     | 4667708 | 100.00% | 5.267% |
| 193 | 12.510 | 12.473 | 12.530 | HH | 11355      | 334065  | 7.16%   | 0.377% |
| 194 | 12.552 | 12.530 | 12.562 | HH | 15580      | 247516  | 5.30%   | 0.279% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 195 | 12.576 | 12.562 | 12.585 | HH | 19180      | 241905  | 5.18%  | 0.273% |
| 196 | 12.598 | 12.585 | 12.616 | HH | 22824      | 342266  | 7.33%  | 0.386% |
| 197 | 12.632 | 12.616 | 12.677 | HH | 25124      | 626674  | 13.43% | 0.707% |
| 198 | 12.711 | 12.677 | 12.741 | HH | 372663     | 4553172 | 97.55% | 5.137% |
| 199 | 12.768 | 12.741 | 12.785 | HH | 40490      | 660775  | 14.16% | 0.746% |
| 200 | 12.801 | 12.785 | 12.836 | HH | 37001      | 702261  | 15.05% | 0.792% |
| 201 | 12.884 | 12.836 | 12.901 | HH | 20888      | 576025  | 12.34% | 0.650% |
| 202 | 12.917 | 12.901 | 12.947 | HH | 19227      | 375845  | 8.05%  | 0.424% |
| 203 | 12.981 | 12.947 | 13.016 | HH | 26489      | 615266  | 13.18% | 0.694% |
| 204 | 13.044 | 13.016 | 13.085 | HH | 16195      | 483958  | 10.37% | 0.546% |
| 205 | 13.109 | 13.085 | 13.122 | HH | 17842      | 291004  | 6.23%  | 0.328% |
| 206 | 13.135 | 13.122 | 13.148 | HH | 16131      | 226571  | 4.85%  | 0.256% |
| 207 | 13.171 | 13.148 | 13.199 | HH | 38297      | 732943  | 15.70% | 0.827% |
| 208 | 13.207 | 13.199 | 13.242 | HH | 11777      | 275392  | 5.90%  | 0.311% |
| 209 | 13.300 | 13.242 | 13.351 | HH | 58144      | 1616463 | 34.63% | 1.824% |
| 210 | 13.368 | 13.351 | 13.387 | HH | 15534      | 293540  | 6.29%  | 0.331% |
| 211 | 13.409 | 13.387 | 13.426 | HH | 25414      | 434664  | 9.31%  | 0.490% |
| 212 | 13.446 | 13.426 | 13.469 | HH | 47065      | 742013  | 15.90% | 0.837% |
| 213 | 13.483 | 13.469 | 13.508 | HH | 19996      | 377481  | 8.09%  | 0.426% |
| 214 | 13.573 | 13.508 | 13.596 | HH | 48745      | 1272408 | 27.26% | 1.436% |
| 215 | 13.615 | 13.596 | 13.664 | HH | 39852      | 853708  | 18.29% | 0.963% |
| 216 | 13.700 | 13.664 | 13.725 | HH | 16395      | 469444  | 10.06% | 0.530% |
| 217 | 13.741 | 13.725 | 13.764 | HH | 12460      | 277239  | 5.94%  | 0.313% |
| 218 | 13.781 | 13.764 | 13.798 | HH | 11797      | 224727  | 4.81%  | 0.254% |
| 219 | 13.811 | 13.798 | 13.816 | HH | 10885      | 116964  | 2.51%  | 0.132% |
| 220 | 13.829 | 13.816 | 13.851 | HH | 11068      | 216615  | 4.64%  | 0.244% |
| 221 | 13.885 | 13.851 | 13.922 | HH | 12321      | 447218  | 9.58%  | 0.505% |
| 222 | 13.975 | 13.922 | 13.981 | HH | 18007      | 446843  | 9.57%  | 0.504% |
| 223 | 14.003 | 13.981 | 14.020 | HH | 19300      | 428089  | 9.17%  | 0.483% |
| 224 | 14.041 | 14.020 | 14.072 | HH | 43821      | 810375  | 17.36% | 0.914% |
| 225 | 14.078 | 14.072 | 14.094 | HH | 12474      | 159245  | 3.41%  | 0.180% |
| 226 | 14.132 | 14.094 | 14.162 | HH | 20839      | 658166  | 14.10% | 0.743% |
| 227 | 14.178 | 14.162 | 14.187 | HH | 12722      | 180413  | 3.87%  | 0.204% |
| 228 | 14.211 | 14.187 | 14.249 | HH | 39616      | 888548  | 19.04% | 1.003% |
| 229 | 14.273 | 14.249 | 14.302 | HH | 60719      | 1113786 | 23.86% | 1.257% |
| 230 | 14.346 | 14.302 | 14.379 | HH | 43034      | 1101818 | 23.61% | 1.243% |
| 231 | 14.399 | 14.379 | 14.414 | HH | 16224      | 318497  | 6.82%  | 0.359% |
| 232 | 14.462 | 14.414 | 14.517 | HH | 143361     | 2651378 | 56.80% | 2.992% |
| 233 | 14.543 | 14.517 | 14.558 | HH | 21651      | 400137  | 8.57%  | 0.451% |
| 234 | 14.588 | 14.558 | 14.608 | HH | 177130     | 2550075 | 54.63% | 2.877% |
| 235 | 14.628 | 14.608 | 14.657 | HH | 187316     | 2594861 | 55.59% | 2.928% |
| 236 | 14.666 | 14.657 | 14.711 | HH | 18196      | 506954  | 10.86% | 0.572% |
| 237 | 14.747 | 14.711 | 14.803 | HH | 39068      | 1183840 | 25.36% | 1.336% |
| 238 | 14.821 | 14.803 | 14.829 | HH | 17472      | 250722  | 5.37%  | 0.283% |
| 239 | 14.840 | 14.829 | 14.874 | HH | 18444      | 397018  | 8.51%  | 0.448% |
| 240 | 14.899 | 14.874 | 14.916 | HH | 26818      | 494005  | 10.58% | 0.557% |
| 241 | 14.929 | 14.916 | 15.004 | HH | 22531      | 915126  | 19.61% | 1.033% |
| 242 | 15.044 | 15.004 | 15.112 | HH | 81459      | 2141467 | 45.88% | 2.416% |
| 243 | 15.133 | 15.112 | 15.156 | HH | 15377      | 379352  | 8.13%  | 0.428% |
| 244 | 15.180 | 15.156 | 15.200 | HH | 21712      | 489195  | 10.48% | 0.552% |
| 245 | 15.218 | 15.200 | 15.229 | HH | 20757      | 329413  | 7.06%  | 0.372% |
| 246 | 15.259 | 15.229 | 15.281 | HH | 61489      | 1133841 | 24.29% | 1.279% |

|     |        |        |        |    |                         |          |        |        |
|-----|--------|--------|--------|----|-------------------------|----------|--------|--------|
|     |        |        |        |    | rteres.txt              |          |        |        |
| 247 | 15.297 | 15.281 | 15.331 | HH | 32949                   | 695591   | 14.90% | 0.785% |
| 248 | 15.346 | 15.331 | 15.354 | HH | 17595                   | 237064   | 5.08%  | 0.267% |
| 249 | 15.369 | 15.354 | 15.379 | HH | 19203                   | 276541   | 5.92%  | 0.312% |
| 250 | 15.401 | 15.379 | 15.407 | HH | 28306                   | 404399   | 8.66%  | 0.456% |
| 251 | 15.424 | 15.407 | 15.467 | HH | 32730                   | 866650   | 18.57% | 0.978% |
| 252 | 15.500 | 15.467 | 15.524 | HH | 21357                   | 601240   | 12.88% | 0.678% |
| 253 | 15.541 | 15.524 | 15.562 | HH | 15671                   | 339690   | 7.28%  | 0.383% |
| 254 | 15.583 | 15.562 | 15.617 | HH | 22885                   | 549179   | 11.77% | 0.620% |
| 255 | 15.643 | 15.617 | 15.664 | HH | 21249                   | 496212   | 10.63% | 0.560% |
| 256 | 15.685 | 15.664 | 15.732 | HH | 22166                   | 704929   | 15.10% | 0.795% |
| 257 | 15.759 | 15.732 | 15.773 | HH | 14143                   | 323913   | 6.94%  | 0.365% |
| 258 | 15.793 | 15.773 | 15.807 | HH | 14586                   | 284130   | 6.09%  | 0.321% |
| 259 | 15.814 | 15.807 | 15.833 | HH | 13616                   | 204444   | 4.38%  | 0.231% |
| 260 | 15.858 | 15.833 | 15.874 | HH | 18385                   | 391890   | 8.40%  | 0.442% |
| 261 | 15.893 | 15.874 | 15.917 | HH | 22328                   | 471279   | 10.10% | 0.532% |
| 262 | 15.937 | 15.917 | 15.951 | HH | 21888                   | 385209   | 8.25%  | 0.435% |
| 263 | 15.963 | 15.951 | 15.985 | HH | 20514                   | 375962   | 8.05%  | 0.424% |
| 264 | 16.006 | 15.985 | 16.028 | HH | 18750                   | 454565   | 9.74%  | 0.513% |
| 265 | 16.060 | 16.028 | 16.078 | HH | 30362                   | 701891   | 15.04% | 0.792% |
| 266 | 16.091 | 16.078 | 16.112 | HH | 25727                   | 455896   | 9.77%  | 0.514% |
| 267 | 16.146 | 16.112 | 16.165 | HH | 183343                  | 2949651  | 63.19% | 3.328% |
| 268 | 16.172 | 16.165 | 16.207 | HH | 86875                   | 1206692  | 25.85% | 1.361% |
| 269 | 16.222 | 16.207 | 16.250 | HH | 17133                   | 418666   | 8.97%  | 0.472% |
| 270 | 16.275 | 16.250 | 16.299 | HH | 45852                   | 843754   | 18.08% | 0.952% |
| 271 | 16.311 | 16.299 | 16.326 | HH | 19835                   | 299180   | 6.41%  | 0.338% |
| 272 | 16.337 | 16.326 | 16.360 | HH | 18072                   | 344877   | 7.39%  | 0.389% |
| 273 | 16.369 | 16.360 | 16.379 | HH | 15699                   | 178231   | 3.82%  | 0.201% |
| 274 | 16.399 | 16.379 | 16.414 | HH | 20216                   | 380365   | 8.15%  | 0.429% |
| 275 | 16.465 | 16.414 | 16.495 | HH | 128330                  | 2512766  | 53.83% | 2.835% |
| 276 | 16.524 | 16.495 | 16.574 | HH | 156997                  | 2689894  | 57.63% | 3.035% |
| 277 | 16.590 | 16.574 | 16.594 | HH | 18410                   | 211788   | 4.54%  | 0.239% |
| 278 | 16.626 | 16.594 | 16.655 | HH | 55597                   | 1142881  | 24.48% | 1.289% |
|     |        |        |        |    | Sum of corrected areas: | 88630056 |        |        |

FF070218.M Thu Jul 05 08:54:01 2018