

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF061920\  
 Data File : FF007071.D  
 Signal(s) : FID2B.ch  
 Acq On : 19 Jun 2020 15:15  
 Sample : L3056-02  
 Misc :  
 ALS Vial : 57 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF061520.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         | 2.351       | 2.321        | 2.388      | BH       | 1153           | 5358         | 0.06%          | 0.001%        |
| 2         | 2.396       | 2.388        | 2.409      | PH       | -160           | -2878        | -0.03%         | -0.000%       |
| 3         | 2.417       | 2.409        | 2.454      | PH       | -166           | -6434        | -0.07%         | -0.001%       |
| 4         | 2.461       | 2.454        | 2.464      | PH       | -245           | -1819        | -0.02%         | -0.000%       |
| 5         | 2.468       | 2.464        | 2.473      | PH       | -270           | -1419        | -0.02%         | -0.000%       |
| 6         | 2.493       | 2.473        | 2.502      | PH       | -16            | -2147        | -0.02%         | -0.000%       |
| 7         | 2.519       | 2.502        | 2.558      | PH       | 1430           | 14569        | 0.16%          | 0.003%        |
| 8         | 2.562       | 2.558        | 2.567      | PH       | -282           | -1583        | -0.02%         | -0.000%       |
| 9         | 2.583       | 2.567        | 2.609      | PH       | 1745           | 8908         | 0.10%          | 0.002%        |
| 10        | 2.629       | 2.609        | 2.644      | PH       | 543            | 4323         | 0.05%          | 0.001%        |
| 11        | 2.651       | 2.644        | 2.671      | HH       | 349            | 1199         | 0.01%          | 0.000%        |
| 12        | 2.685       | 2.671        | 2.697      | PH       | 642            | 3013         | 0.03%          | 0.001%        |
| 13        | 2.712       | 2.697        | 2.745      | PH       | 187            | -1859        | -0.02%         | -0.000%       |
| 14        | 2.755       | 2.745        | 2.791      | PH       | -127           | -7321        | -0.08%         | -0.001%       |
| 15        | 2.815       | 2.791        | 2.829      | PH       | 549            | -1283        | -0.01%         | -0.000%       |
| 16        | 2.838       | 2.829        | 2.869      | PH       | -100           | -7901        | -0.09%         | -0.001%       |
| 17        | 2.875       | 2.869        | 2.885      | PH       | -376           | -4204        | -0.05%         | -0.001%       |
| 18        | 2.905       | 2.885        | 2.941      | PH       | 2404           | 25197        | 0.27%          | 0.004%        |
| 19        | 2.973       | 2.941        | 2.989      | PH       | 205            | -2607        | -0.03%         | -0.000%       |
| 20        | 3.015       | 2.989        | 3.054      | PH       | 468            | 2684         | 0.03%          | 0.000%        |
| 21        | 3.067       | 3.054        | 3.075      | PH       | 1214           | 7953         | 0.09%          | 0.001%        |
| 22        | 3.087       | 3.075        | 3.117      | HH       | 2707           | 26794        | 0.29%          | 0.005%        |
| 23        | 3.134       | 3.117        | 3.152      | PH       | 1714           | 11456        | 0.12%          | 0.002%        |
| 24        | 3.167       | 3.152        | 3.184      | PH       | 1222           | 7377         | 0.08%          | 0.001%        |
| 25        | 3.198       | 3.184        | 3.221      | PH       | 63             | -1482        | -0.02%         | -0.000%       |
| 26        | 3.232       | 3.221        | 3.252      | PH       | -55            | -4693        | -0.05%         | -0.001%       |
| 27        | 3.266       | 3.252        | 3.283      | PH       | 1591           | 10293        | 0.11%          | 0.002%        |
| 28        | 3.294       | 3.283        | 3.315      | PH       | 1246           | 6139         | 0.07%          | 0.001%        |
| 29        | 3.330       | 3.315        | 3.364      | PH       | -213           | -10780       | -0.12%         | -0.002%       |
| 30        | 3.385       | 3.364        | 3.400      | PH       | 3211           | 21315        | 0.23%          | 0.004%        |
| 31        | 3.405       | 3.400        | 3.420      | PH       | -54            | -2509        | -0.03%         | -0.000%       |
| 32        | 3.429       | 3.420        | 3.459      | PH       | -326           | -12230       | -0.13%         | -0.002%       |
| 33        | 3.498       | 3.459        | 3.526      | PH       | 523            | -4191        | -0.05%         | -0.001%       |
| 34        | 3.531       | 3.526        | 3.562      | PH       | -221           | -7063        | -0.08%         | -0.001%       |
| 35        | 3.580       | 3.562        | 3.601      | PH       | 37             | -5652        | -0.06%         | -0.001%       |
| 36        | 3.605       | 3.601        | 3.622      | PH       | -400           | -6642        | -0.07%         | -0.001%       |

|    |       |       |       |    | rteres |        |        |         |
|----|-------|-------|-------|----|--------|--------|--------|---------|
| 37 | 3.625 | 3.622 | 3.634 | PH | -535   | -3797  | -0.04% | -0.001% |
| 38 | 3.679 | 3.634 | 3.698 | PH | 700    | 1929   | 0.02%  | 0.000%  |
| 39 | 3.715 | 3.698 | 3.728 | PH | -172   | -4482  | -0.05% | -0.001% |
| 40 | 3.762 | 3.728 | 3.785 | PH | 1669   | 16022  | 0.17%  | 0.003%  |
| 41 | 3.799 | 3.785 | 3.817 | HH | 512    | 3158   | 0.03%  | 0.001%  |
| 42 | 3.837 | 3.817 | 3.852 | PH | 280    | 74     | 0.00%  | 0.000%  |
| 43 | 3.859 | 3.852 | 3.866 | PH | -17    | -599   | -0.01% | -0.000% |
| 44 | 3.884 | 3.866 | 3.896 | PH | 1935   | 15505  | 0.17%  | 0.003%  |
| 45 | 3.904 | 3.896 | 3.920 | HH | 837    | 4469   | 0.05%  | 0.001%  |
| 46 | 3.934 | 3.920 | 3.950 | PH | 246    | -2385  | -0.03% | -0.000% |
| 47 | 3.969 | 3.950 | 4.006 | PH | 1171   | 3934   | 0.04%  | 0.001%  |
| 48 | 4.011 | 4.006 | 4.021 | PH | -344   | -3750  | -0.04% | -0.001% |
| 49 | 4.040 | 4.021 | 4.055 | PH | 9707   | 71805  | 0.77%  | 0.012%  |
| 50 | 4.061 | 4.055 | 4.073 | HH | 1358   | 11371  | 0.12%  | 0.002%  |
| 51 | 4.086 | 4.073 | 4.116 | HH | 4427   | 45123  | 0.49%  | 0.008%  |
| 52 | 4.123 | 4.116 | 4.129 | HH | 473    | 3297   | 0.04%  | 0.001%  |
| 53 | 4.138 | 4.129 | 4.149 | HH | 556    | 5110   | 0.06%  | 0.001%  |
| 54 | 4.156 | 4.149 | 4.182 | HH | 580    | 396    | 0.00%  | 0.000%  |
| 55 | 4.206 | 4.182 | 4.249 | PH | 12191  | 150772 | 1.62%  | 0.026%  |
| 56 | 4.257 | 4.249 | 4.282 | HH | 1454   | 15446  | 0.17%  | 0.003%  |
| 57 | 4.286 | 4.282 | 4.296 | PH | 108    | 386    | 0.00%  | 0.000%  |
| 58 | 4.300 | 4.296 | 4.313 | HH | 72     | 218    | 0.00%  | 0.000%  |
| 59 | 4.321 | 4.313 | 4.351 | PH | 28     | -4839  | -0.05% | -0.001% |
| 60 | 4.391 | 4.351 | 4.402 | PH | 71     | -5496  | -0.06% | -0.001% |
| 61 | 4.432 | 4.402 | 4.442 | PH | 142    | -557   | -0.01% | -0.000% |
| 62 | 4.461 | 4.442 | 4.487 | PH | 6812   | 57282  | 0.62%  | 0.010%  |
| 63 | 4.505 | 4.487 | 4.520 | PH | 1193   | 7647   | 0.08%  | 0.001%  |
| 64 | 4.534 | 4.520 | 4.546 | PH | 652    | 4534   | 0.05%  | 0.001%  |
| 65 | 4.564 | 4.546 | 4.587 | PH | 198    | -280   | -0.00% | -0.000% |
| 66 | 4.609 | 4.587 | 4.633 | PH | 2098   | 17820  | 0.19%  | 0.003%  |
| 67 | 4.638 | 4.633 | 4.649 | HH | 116    | 756    | 0.01%  | 0.000%  |
| 68 | 4.678 | 4.649 | 4.704 | PH | 6065   | 72077  | 0.78%  | 0.012%  |
| 69 | 4.717 | 4.704 | 4.734 | HH | 1771   | 18487  | 0.20%  | 0.003%  |
| 70 | 4.746 | 4.734 | 4.762 | HH | 796    | 7004   | 0.08%  | 0.001%  |
| 71 | 4.769 | 4.762 | 4.778 | HH | 129    | 715    | 0.01%  | 0.000%  |
| 72 | 4.795 | 4.778 | 4.812 | PH | 1646   | 15874  | 0.17%  | 0.003%  |
| 73 | 4.817 | 4.812 | 4.823 | HH | 513    | 2838   | 0.03%  | 0.000%  |
| 74 | 4.841 | 4.823 | 4.858 | HH | 1367   | 14125  | 0.15%  | 0.002%  |
| 75 | 4.881 | 4.858 | 4.900 | PH | 1173   | 12375  | 0.13%  | 0.002%  |
| 76 | 4.919 | 4.900 | 4.928 | PH | 713    | 7007   | 0.08%  | 0.001%  |
| 77 | 4.940 | 4.928 | 4.956 | HH | 595    | 4693   | 0.05%  | 0.001%  |
| 78 | 4.967 | 4.956 | 4.979 | PH | -118   | -2660  | -0.03% | -0.000% |
| 79 | 4.998 | 4.979 | 5.024 | PH | 804    | 8997   | 0.10%  | 0.002%  |
| 80 | 5.032 | 5.024 | 5.045 | PH | 98     | -687   | -0.01% | -0.000% |
| 81 | 5.057 | 5.045 | 5.064 | PH | 194    | -138   | -0.00% | -0.000% |
| 82 | 5.074 | 5.064 | 5.081 | PH | 379    | 1903   | 0.02%  | 0.000%  |
| 83 | 5.105 | 5.081 | 5.130 | HH | 1025   | 13967  | 0.15%  | 0.002%  |
| 84 | 5.145 | 5.130 | 5.171 | PH | 563    | 7047   | 0.08%  | 0.001%  |
| 85 | 5.184 | 5.171 | 5.197 | PH | 1096   | 9988   | 0.11%  | 0.002%  |
| 86 | 5.205 | 5.197 | 5.225 | HH | 1163   | 8803   | 0.09%  | 0.002%  |
| 87 | 5.235 | 5.225 | 5.250 | PH | 92     | -1889  | -0.02% | -0.000% |
| 88 | 5.270 | 5.250 | 5.292 | PH | 197    | -1959  | -0.02% | -0.000% |
| 89 | 5.320 | 5.292 | 5.349 | PH | 2248   | 20154  | 0.22%  | 0.003%  |

|     |       |       |       |    |        |        |        |         |
|-----|-------|-------|-------|----|--------|--------|--------|---------|
|     |       |       |       |    | rteres |        |        |         |
| 90  | 5.381 | 5.349 | 5.410 | PH | 523    | 5833   | 0.06%  | 0.001%  |
| 91  | 5.422 | 5.410 | 5.439 | PH | -95    | -3244  | -0.03% | -0.001% |
| 92  | 5.452 | 5.439 | 5.478 | PH | 88     | -4135  | -0.04% | -0.001% |
| 93  | 5.502 | 5.478 | 5.521 | PH | 7123   | 62919  | 0.68%  | 0.011%  |
| 94  | 5.547 | 5.521 | 5.579 | HH | 1166   | 18378  | 0.20%  | 0.003%  |
| 95  | 5.588 | 5.579 | 5.599 | PH | 226    | 1011   | 0.01%  | 0.000%  |
| 96  | 5.612 | 5.599 | 5.660 | PH | 238    | -3224  | -0.03% | -0.001% |
| 97  | 5.690 | 5.660 | 5.709 | PH | 1158   | 8380   | 0.09%  | 0.001%  |
| 98  | 5.728 | 5.709 | 5.742 | PH | 389    | 4219   | 0.05%  | 0.001%  |
| 99  | 5.768 | 5.742 | 5.780 | HH | 1569   | 18882  | 0.20%  | 0.003%  |
| 100 | 5.806 | 5.780 | 5.828 | HH | 2552   | 40673  | 0.44%  | 0.007%  |
| 101 | 5.842 | 5.828 | 5.860 | HH | 978    | 11837  | 0.13%  | 0.002%  |
| 102 | 5.875 | 5.860 | 5.887 | HH | 600    | 5098   | 0.05%  | 0.001%  |
| 103 | 5.897 | 5.887 | 5.909 | HH | 637    | 6051   | 0.07%  | 0.001%  |
| 104 | 5.929 | 5.909 | 5.946 | HH | 765    | 9911   | 0.11%  | 0.002%  |
| 105 | 5.956 | 5.946 | 5.974 | PH | 550    | 4102   | 0.04%  | 0.001%  |
| 106 | 6.009 | 5.974 | 6.028 | PH | 1253   | 19609  | 0.21%  | 0.003%  |
| 107 | 6.054 | 6.028 | 6.084 | HH | 26740  | 272007 | 2.93%  | 0.047%  |
| 108 | 6.101 | 6.084 | 6.130 | HH | 1664   | 22840  | 0.25%  | 0.004%  |
| 109 | 6.146 | 6.130 | 6.174 | HH | 748    | 7687   | 0.08%  | 0.001%  |
| 110 | 6.203 | 6.174 | 6.228 | PH | 1801   | 22519  | 0.24%  | 0.004%  |
| 111 | 6.238 | 6.228 | 6.259 | HH | 385    | 4983   | 0.05%  | 0.001%  |
| 112 | 6.271 | 6.259 | 6.282 | HH | 310    | 3620   | 0.04%  | 0.001%  |
| 113 | 6.295 | 6.282 | 6.314 | HH | 453    | 5328   | 0.06%  | 0.001%  |
| 114 | 6.329 | 6.314 | 6.357 | HH | 1832   | 21813  | 0.23%  | 0.004%  |
| 115 | 6.373 | 6.357 | 6.385 | HH | 509    | 4944   | 0.05%  | 0.001%  |
| 116 | 6.410 | 6.385 | 6.427 | HH | 558    | 9851   | 0.11%  | 0.002%  |
| 117 | 6.440 | 6.427 | 6.458 | HH | 499    | 4346   | 0.05%  | 0.001%  |
| 118 | 6.484 | 6.458 | 6.535 | PH | 4963   | 52837  | 0.57%  | 0.009%  |
| 119 | 6.564 | 6.535 | 6.574 | PH | 267    | 1367   | 0.01%  | 0.000%  |
| 120 | 6.582 | 6.574 | 6.594 | HH | 304    | 2459   | 0.03%  | 0.000%  |
| 121 | 6.600 | 6.594 | 6.616 | HH | 242    | 2667   | 0.03%  | 0.000%  |
| 122 | 6.633 | 6.616 | 6.655 | HH | 1294   | 12547  | 0.14%  | 0.002%  |
| 123 | 6.684 | 6.655 | 6.719 | PH | 1285   | 13296  | 0.14%  | 0.002%  |
| 124 | 6.735 | 6.719 | 6.745 | PH | 140    | -90    | -0.00% | -0.000% |
| 125 | 6.765 | 6.745 | 6.781 | PH | 514    | 4690   | 0.05%  | 0.001%  |
| 126 | 6.805 | 6.781 | 6.839 | PH | 1603   | 22396  | 0.24%  | 0.004%  |
| 127 | 6.845 | 6.839 | 6.848 | HH | 178    | 824    | 0.01%  | 0.000%  |
| 128 | 6.859 | 6.848 | 6.866 | HH | 270    | 2103   | 0.02%  | 0.000%  |
| 129 | 6.889 | 6.866 | 6.911 | HH | 702    | 10072  | 0.11%  | 0.002%  |
| 130 | 6.919 | 6.911 | 6.938 | HH | 267    | 2782   | 0.03%  | 0.000%  |
| 131 | 6.957 | 6.938 | 6.966 | HH | 3642   | 35995  | 0.39%  | 0.006%  |
| 132 | 6.976 | 6.966 | 7.010 | HH | 3251   | 58298  | 0.63%  | 0.010%  |
| 133 | 7.014 | 7.010 | 7.030 | HH | 1364   | 13342  | 0.14%  | 0.002%  |
| 134 | 7.044 | 7.030 | 7.074 | HH | 1242   | 22980  | 0.25%  | 0.004%  |
| 135 | 7.110 | 7.074 | 7.129 | HH | 14087  | 149787 | 1.61%  | 0.026%  |
| 136 | 7.138 | 7.129 | 7.152 | HH | 1566   | 17654  | 0.19%  | 0.003%  |
| 137 | 7.159 | 7.152 | 7.174 | HH | 1099   | 10959  | 0.12%  | 0.002%  |
| 138 | 7.188 | 7.174 | 7.224 | HH | 1550   | 20734  | 0.22%  | 0.004%  |
| 139 | 7.246 | 7.224 | 7.266 | PH | 12506  | 118823 | 1.28%  | 0.020%  |
| 140 | 7.279 | 7.266 | 7.296 | HH | 1487   | 15075  | 0.16%  | 0.003%  |
| 141 | 7.309 | 7.296 | 7.332 | HH | 560    | 7512   | 0.08%  | 0.001%  |

|     |       |       |       |    | rteres |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
| 142 | 7.337 | 7.332 | 7.348 | HH | 250    | 1658    | 0.02%  | 0.000% |
| 143 | 7.363 | 7.348 | 7.381 | HH | 551    | 6698    | 0.07%  | 0.001% |
| 144 | 7.411 | 7.381 | 7.453 | PH | 4731   | 72600   | 0.78%  | 0.013% |
| 145 | 7.463 | 7.453 | 7.471 | HH | 767    | 7077    | 0.08%  | 0.001% |
| 146 | 7.485 | 7.471 | 7.511 | HH | 1105   | 18548   | 0.20%  | 0.003% |
| 147 | 7.523 | 7.511 | 7.552 | HH | 755    | 13424   | 0.14%  | 0.002% |
| 148 | 7.563 | 7.552 | 7.574 | HH | 884    | 8926    | 0.10%  | 0.002% |
| 149 | 7.584 | 7.574 | 7.613 | HH | 1011   | 14085   | 0.15%  | 0.002% |
| 150 | 7.624 | 7.613 | 7.652 | HH | 512    | 7192    | 0.08%  | 0.001% |
| 151 | 7.660 | 7.652 | 7.672 | HH | 88     | 346     | 0.00%  | 0.000% |
| 152 | 7.698 | 7.672 | 7.727 | PH | 1289   | 16749   | 0.18%  | 0.003% |
| 153 | 7.748 | 7.727 | 7.764 | PH | 728    | 9538    | 0.10%  | 0.002% |
| 154 | 7.780 | 7.764 | 7.791 | HH | 597    | 7444    | 0.08%  | 0.001% |
| 155 | 7.834 | 7.791 | 7.854 | HH | 7319   | 101316  | 1.09%  | 0.017% |
| 156 | 7.862 | 7.854 | 7.882 | HH | 1978   | 23255   | 0.25%  | 0.004% |
| 157 | 7.894 | 7.882 | 7.915 | HH | 911    | 13647   | 0.15%  | 0.002% |
| 158 | 7.934 | 7.915 | 7.952 | HH | 1062   | 14176   | 0.15%  | 0.002% |
| 159 | 7.993 | 7.952 | 8.017 | HH | 4031   | 71621   | 0.77%  | 0.012% |
| 160 | 8.032 | 8.017 | 8.047 | HH | 1311   | 21470   | 0.23%  | 0.004% |
| 161 | 8.059 | 8.047 | 8.069 | HH | 1339   | 15366   | 0.17%  | 0.003% |
| 162 | 8.090 | 8.069 | 8.096 | HH | 7305   | 72506   | 0.78%  | 0.012% |
| 163 | 8.102 | 8.096 | 8.142 | HH | 7961   | 90525   | 0.98%  | 0.016% |
| 164 | 8.169 | 8.142 | 8.186 | HH | 2210   | 39133   | 0.42%  | 0.007% |
| 165 | 8.208 | 8.186 | 8.223 | HH | 18007  | 193337  | 2.08%  | 0.033% |
| 166 | 8.239 | 8.223 | 8.272 | HH | 15682  | 280107  | 3.02%  | 0.048% |
| 167 | 8.277 | 8.272 | 8.309 | HH | 5861   | 64706   | 0.70%  | 0.011% |
| 168 | 8.340 | 8.309 | 8.361 | HH | 117784 | 1145242 | 12.34% | 0.197% |
| 169 | 8.367 | 8.361 | 8.372 | HH | 6669   | 44238   | 0.48%  | 0.008% |
| 170 | 8.393 | 8.372 | 8.431 | HH | 46014  | 574594  | 6.19%  | 0.099% |
| 171 | 8.446 | 8.431 | 8.464 | HH | 3183   | 48093   | 0.52%  | 0.008% |
| 172 | 8.482 | 8.464 | 8.514 | HH | 4950   | 68791   | 0.74%  | 0.012% |
| 173 | 8.530 | 8.514 | 8.546 | HH | 1767   | 24910   | 0.27%  | 0.004% |
| 174 | 8.579 | 8.546 | 8.599 | HH | 1242   | 32937   | 0.35%  | 0.006% |
| 175 | 8.604 | 8.599 | 8.617 | HH | 938    | 9877    | 0.11%  | 0.002% |
| 176 | 8.638 | 8.617 | 8.662 | HH | 3180   | 55046   | 0.59%  | 0.009% |
| 177 | 8.688 | 8.662 | 8.711 | HH | 41830  | 435597  | 4.69%  | 0.075% |
| 178 | 8.733 | 8.711 | 8.776 | HH | 6777   | 142723  | 1.54%  | 0.025% |
| 179 | 8.806 | 8.776 | 8.833 | HH | 3874   | 96098   | 1.04%  | 0.017% |
| 180 | 8.845 | 8.833 | 8.863 | HH | 3026   | 42919   | 0.46%  | 0.007% |
| 181 | 8.877 | 8.863 | 8.888 | HH | 2227   | 30228   | 0.33%  | 0.005% |
| 182 | 8.902 | 8.888 | 8.911 | HH | 3665   | 40962   | 0.44%  | 0.007% |
| 183 | 8.929 | 8.911 | 8.944 | HH | 10274  | 134485  | 1.45%  | 0.023% |
| 184 | 8.960 | 8.944 | 8.982 | HH | 24256  | 260750  | 2.81%  | 0.045% |
| 185 | 8.999 | 8.982 | 9.031 | HH | 5425   | 103056  | 1.11%  | 0.018% |
| 186 | 9.051 | 9.031 | 9.068 | HH | 4364   | 66571   | 0.72%  | 0.011% |
| 187 | 9.098 | 9.068 | 9.118 | HH | 11891  | 160222  | 1.73%  | 0.028% |
| 188 | 9.137 | 9.118 | 9.174 | HH | 10923  | 154092  | 1.66%  | 0.027% |
| 189 | 9.194 | 9.174 | 9.219 | HH | 3040   | 52816   | 0.57%  | 0.009% |
| 190 | 9.254 | 9.219 | 9.270 | HH | 10451  | 143675  | 1.55%  | 0.025% |
| 191 | 9.285 | 9.270 | 9.306 | HH | 9070   | 104922  | 1.13%  | 0.018% |
| 192 | 9.337 | 9.306 | 9.355 | HH | 6065   | 94576   | 1.02%  | 0.016% |
| 193 | 9.389 | 9.355 | 9.411 | HH | 9692   | 162311  | 1.75%  | 0.028% |
| 194 | 9.428 | 9.411 | 9.450 | HH | 12765  | 169408  | 1.82%  | 0.029% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 9.472  | 9.450  | 9.510  | HH | 42958  | 549090  | 5.91%  | 0.095% |
| 196 | 9.517  | 9.510  | 9.531  | HH | 4855   | 52985   | 0.57%  | 0.009% |
| 197 | 9.552  | 9.531  | 9.580  | HH | 10385  | 184322  | 1.99%  | 0.032% |
| 198 | 9.593  | 9.580  | 9.603  | HH | 7977   | 91002   | 0.98%  | 0.016% |
| 199 | 9.621  | 9.603  | 9.642  | HH | 18192  | 263939  | 2.84%  | 0.045% |
| 200 | 9.652  | 9.642  | 9.665  | HH | 5572   | 66490   | 0.72%  | 0.011% |
| 201 | 9.683  | 9.665  | 9.712  | HH | 10728  | 176297  | 1.90%  | 0.030% |
| 202 | 9.734  | 9.712  | 9.769  | HH | 7506   | 156963  | 1.69%  | 0.027% |
| 203 | 9.794  | 9.769  | 9.803  | HH | 18451  | 229192  | 2.47%  | 0.039% |
| 204 | 9.811  | 9.803  | 9.834  | HH | 17521  | 205726  | 2.22%  | 0.035% |
| 205 | 9.847  | 9.834  | 9.861  | HH | 5070   | 71984   | 0.78%  | 0.012% |
| 206 | 9.894  | 9.861  | 9.939  | HH | 21499  | 478624  | 5.16%  | 0.082% |
| 207 | 9.958  | 9.939  | 9.978  | HH | 6546   | 111645  | 1.20%  | 0.019% |
| 208 | 9.990  | 9.978  | 10.015 | HH | 4877   | 82893   | 0.89%  | 0.014% |
| 209 | 10.034 | 10.015 | 10.042 | HH | 3861   | 52624   | 0.57%  | 0.009% |
| 210 | 10.057 | 10.042 | 10.085 | HH | 5104   | 105916  | 1.14%  | 0.018% |
| 211 | 10.093 | 10.085 | 10.111 | HH | 2987   | 40149   | 0.43%  | 0.007% |
| 212 | 10.133 | 10.111 | 10.140 | HH | 2469   | 39300   | 0.42%  | 0.007% |
| 213 | 10.161 | 10.140 | 10.172 | HH | 3167   | 53133   | 0.57%  | 0.009% |
| 214 | 10.185 | 10.172 | 10.198 | HH | 3319   | 48822   | 0.53%  | 0.008% |
| 215 | 10.217 | 10.198 | 10.254 | HH | 6841   | 146108  | 1.57%  | 0.025% |
| 216 | 10.271 | 10.254 | 10.286 | HH | 5885   | 88296   | 0.95%  | 0.015% |
| 217 | 10.327 | 10.286 | 10.338 | HH | 12040  | 231471  | 2.49%  | 0.040% |
| 218 | 10.354 | 10.338 | 10.377 | HH | 19803  | 279983  | 3.02%  | 0.048% |
| 219 | 10.395 | 10.377 | 10.436 | HH | 13476  | 262380  | 2.83%  | 0.045% |
| 220 | 10.472 | 10.436 | 10.504 | HH | 15917  | 377760  | 4.07%  | 0.065% |
| 221 | 10.523 | 10.504 | 10.561 | HH | 30936  | 502198  | 5.41%  | 0.087% |
| 222 | 10.572 | 10.561 | 10.587 | HH | 8196   | 115162  | 1.24%  | 0.020% |
| 223 | 10.618 | 10.587 | 10.627 | HH | 11595  | 219351  | 2.36%  | 0.038% |
| 224 | 10.644 | 10.627 | 10.657 | HH | 19338  | 258247  | 2.78%  | 0.045% |
| 225 | 10.678 | 10.657 | 10.721 | HH | 32517  | 649888  | 7.00%  | 0.112% |
| 226 | 10.748 | 10.721 | 10.761 | HH | 8986   | 192068  | 2.07%  | 0.033% |
| 227 | 10.776 | 10.761 | 10.794 | HH | 13494  | 200370  | 2.16%  | 0.035% |
| 228 | 10.806 | 10.794 | 10.828 | HH | 7754   | 151537  | 1.63%  | 0.026% |
| 229 | 10.845 | 10.828 | 10.853 | HH | 12288  | 144261  | 1.55%  | 0.025% |
| 230 | 10.881 | 10.853 | 10.920 | HH | 509751 | 5614650 | 60.48% | 0.968% |
| 231 | 10.952 | 10.920 | 10.995 | HH | 148814 | 1832288 | 19.74% | 0.316% |
| 232 | 11.002 | 10.995 | 11.018 | HH | 7812   | 98122   | 1.06%  | 0.017% |
| 233 | 11.028 | 11.018 | 11.036 | HH | 6810   | 71208   | 0.77%  | 0.012% |
| 234 | 11.052 | 11.036 | 11.071 | HH | 7298   | 146330  | 1.58%  | 0.025% |
| 235 | 11.080 | 11.071 | 11.101 | HH | 6787   | 113581  | 1.22%  | 0.020% |
| 236 | 11.121 | 11.101 | 11.140 | HH | 11277  | 198899  | 2.14%  | 0.034% |
| 237 | 11.161 | 11.140 | 11.207 | HH | 35241  | 590912  | 6.37%  | 0.102% |
| 238 | 11.238 | 11.207 | 11.252 | HH | 9615   | 216028  | 2.33%  | 0.037% |
| 239 | 11.282 | 11.252 | 11.309 | HH | 12509  | 376304  | 4.05%  | 0.065% |
| 240 | 11.341 | 11.309 | 11.359 | HH | 22014  | 469937  | 5.06%  | 0.081% |
| 241 | 11.399 | 11.359 | 11.447 | HH | 30568  | 981711  | 10.57% | 0.169% |
| 242 | 11.477 | 11.447 | 11.498 | HH | 18146  | 366336  | 3.95%  | 0.063% |
| 243 | 11.528 | 11.498 | 11.548 | HH | 22265  | 445246  | 4.80%  | 0.077% |
| 244 | 11.569 | 11.548 | 11.601 | HH | 25571  | 500403  | 5.39%  | 0.086% |
| 245 | 11.604 | 11.601 | 11.615 | HH | 10332  | 84619   | 0.91%  | 0.015% |
| 246 | 11.631 | 11.615 | 11.646 | HH | 12262  | 207979  | 2.24%  | 0.036% |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 247    | 11.681 | 11.646 | 11.695 | HH | 82929  | 1109951 | 11.96%  | 0.191% |
| 248    | 11.712 | 11.695 | 11.736 | HH | 105653 | 1264184 | 13.62%  | 0.218% |
| 249    | 11.741 | 11.736 | 11.754 | HH | 12090  | 121601  | 1.31%   | 0.021% |
| 250    | 11.778 | 11.754 | 11.783 | HH | 50758  | 540846  | 5.83%   | 0.093% |
| 251    | 11.796 | 11.783 | 11.813 | HH | 78990  | 952731  | 10.26%  | 0.164% |
| 252    | 11.829 | 11.813 | 11.843 | HH | 62138  | 772526  | 8.32%   | 0.133% |
| 253    | 11.859 | 11.843 | 11.888 | HH | 83294  | 1118429 | 12.05%  | 0.193% |
| 254    | 11.901 | 11.888 | 11.912 | HH | 11472  | 155216  | 1.67%   | 0.027% |
| 255    | 11.934 | 11.912 | 11.958 | HH | 16008  | 352365  | 3.80%   | 0.061% |
| 256    | 11.996 | 11.958 | 12.012 | HH | 19908  | 501767  | 5.40%   | 0.086% |
| 257    | 12.035 | 12.012 | 12.057 | HH | 53894  | 802378  | 8.64%   | 0.138% |
| 258    | 12.092 | 12.057 | 12.126 | HH | 25132  | 806152  | 8.68%   | 0.139% |
| 259    | 12.151 | 12.126 | 12.174 | HH | 88963  | 1240092 | 13.36%  | 0.214% |
| 260    | 12.182 | 12.174 | 12.197 | HH | 21848  | 268485  | 2.89%   | 0.046% |
| 261    | 12.212 | 12.197 | 12.224 | HH | 20928  | 310730  | 3.35%   | 0.054% |
| 262    | 12.258 | 12.224 | 12.285 | HH | 251720 | 3807404 | 41.01%  | 0.656% |
| 263    | 12.300 | 12.285 | 12.319 | HH | 26486  | 472949  | 5.09%   | 0.082% |
| 264    | 12.329 | 12.319 | 12.345 | HH | 19535  | 274977  | 2.96%   | 0.047% |
| 265    | 12.359 | 12.345 | 12.368 | HH | 17988  | 234458  | 2.53%   | 0.040% |
| 266    | 12.403 | 12.368 | 12.415 | HH | 25491  | 587438  | 6.33%   | 0.101% |
| 267    | 12.425 | 12.415 | 12.452 | HH | 24841  | 456078  | 4.91%   | 0.079% |
| 268    | 12.472 | 12.452 | 12.484 | HH | 38355  | 568691  | 6.13%   | 0.098% |
| 269    | 12.488 | 12.484 | 12.511 | HH | 31049  | 380504  | 4.10%   | 0.066% |
| 270    | 12.533 | 12.511 | 12.563 | HH | 55079  | 1053188 | 11.34%  | 0.182% |
| 271    | 12.584 | 12.563 | 12.603 | HH | 75136  | 1149126 | 12.38%  | 0.198% |
| 272    | 12.623 | 12.603 | 12.641 | HH | 43213  | 859438  | 9.26%   | 0.148% |
| 273    | 12.645 | 12.641 | 12.671 | HH | 40137  | 600529  | 6.47%   | 0.103% |
| 274    | 12.708 | 12.671 | 12.742 | HH | 737970 | 9283480 | 100.00% | 1.600% |
| 275    | 12.761 | 12.742 | 12.777 | HH | 22134  | 400388  | 4.31%   | 0.069% |
| 276    | 12.797 | 12.777 | 12.810 | HH | 21787  | 388816  | 4.19%   | 0.067% |
| 277    | 12.835 | 12.810 | 12.848 | HH | 37025  | 665077  | 7.16%   | 0.115% |
| 278    | 12.861 | 12.848 | 12.871 | HH | 35108  | 440876  | 4.75%   | 0.076% |
| 279    | 12.887 | 12.871 | 12.901 | HH | 49988  | 754933  | 8.13%   | 0.130% |
| 280    | 12.908 | 12.901 | 12.930 | HH | 39210  | 611552  | 6.59%   | 0.105% |
| 281    | 12.938 | 12.930 | 12.973 | HH | 28248  | 642218  | 6.92%   | 0.111% |
| 282    | 13.007 | 12.973 | 13.029 | HH | 656478 | 8131162 | 87.59%  | 1.401% |
| 283    | 13.055 | 13.029 | 13.070 | HH | 75001  | 1136888 | 12.25%  | 0.196% |
| 284    | 13.085 | 13.070 | 13.116 | HH | 83924  | 1279953 | 13.79%  | 0.221% |
| 285    | 13.138 | 13.116 | 13.151 | HH | 26562  | 491007  | 5.29%   | 0.085% |
| 286    | 13.171 | 13.151 | 13.183 | HH | 43850  | 658400  | 7.09%   | 0.113% |
| 287    | 13.198 | 13.183 | 13.222 | HH | 48645  | 834291  | 8.99%   | 0.144% |
| 288    | 13.264 | 13.222 | 13.300 | HH | 71052  | 1794622 | 19.33%  | 0.309% |
| 289    | 13.338 | 13.300 | 13.364 | HH | 57364  | 1635545 | 17.62%  | 0.282% |
| 290    | 13.394 | 13.364 | 13.412 | HH | 49545  | 1039520 | 11.20%  | 0.179% |
| 291    | 13.424 | 13.412 | 13.434 | HH | 32971  | 412898  | 4.45%   | 0.071% |
| 292    | 13.484 | 13.434 | 13.530 | HH | 179225 | 4217885 | 45.43%  | 0.727% |
| 293    | 13.588 | 13.530 | 13.625 | HH | 136687 | 3275158 | 35.28%  | 0.564% |
| 294    | 13.654 | 13.625 | 13.671 | HH | 36113  | 851271  | 9.17%   | 0.147% |
| 295    | 13.696 | 13.671 | 13.716 | HH | 82031  | 1424811 | 15.35%  | 0.246% |
| 296    | 13.735 | 13.716 | 13.757 | HH | 91399  | 1421431 | 15.31%  | 0.245% |
| 297    | 13.775 | 13.757 | 13.800 | HH | 41334  | 926955  | 9.98%   | 0.160% |
| 298    | 13.866 | 13.800 | 13.886 | HH | 90938  | 2691873 | 29.00%  | 0.464% |
| 299    | 13.906 | 13.886 | 13.946 | HH | 83176  | 1688354 | 18.19%  | 0.291% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 300    | 13.977 | 13.946 | 13.999 | HH | 46753  | 1190292 | 12.82% | 0.205% |
| 301    | 14.015 | 13.999 | 14.031 | HH | 34645  | 623017  | 6.71%  | 0.107% |
| 302    | 14.045 | 14.031 | 14.056 | HH | 35439  | 515423  | 5.55%  | 0.089% |
| 303    | 14.069 | 14.056 | 14.086 | HH | 35553  | 622722  | 6.71%  | 0.107% |
| 304    | 14.090 | 14.086 | 14.106 | HH | 34629  | 416816  | 4.49%  | 0.072% |
| 305    | 14.113 | 14.106 | 14.122 | HH | 32550  | 302886  | 3.26%  | 0.052% |
| 306    | 14.128 | 14.122 | 14.157 | HH | 32394  | 669127  | 7.21%  | 0.115% |
| 307    | 14.172 | 14.157 | 14.193 | HH | 33352  | 662241  | 7.13%  | 0.114% |
| 308    | 14.229 | 14.193 | 14.245 | HH | 42024  | 1115419 | 12.02% | 0.192% |
| 309    | 14.286 | 14.245 | 14.303 | HH | 52740  | 1531262 | 16.49% | 0.264% |
| 310    | 14.323 | 14.303 | 14.359 | HH | 91258  | 1894558 | 20.41% | 0.327% |
| 311    | 14.404 | 14.359 | 14.414 | HH | 49930  | 1388146 | 14.95% | 0.239% |
| 312    | 14.426 | 14.414 | 14.461 | HH | 52265  | 1249027 | 13.45% | 0.215% |
| 313    | 14.503 | 14.461 | 14.524 | HH | 88168  | 2282150 | 24.58% | 0.393% |
| 314    | 14.530 | 14.524 | 14.543 | HH | 52516  | 574485  | 6.19%  | 0.099% |
| 315    | 14.568 | 14.543 | 14.589 | HH | 139787 | 2362508 | 25.45% | 0.407% |
| 316    | 14.627 | 14.589 | 14.660 | HH | 111338 | 2831892 | 30.50% | 0.488% |
| 317    | 14.689 | 14.660 | 14.704 | HH | 48775  | 1152493 | 12.41% | 0.199% |
| 318    | 14.740 | 14.704 | 14.804 | HH | 268119 | 5680361 | 61.19% | 0.979% |
| 319    | 14.833 | 14.804 | 14.850 | HH | 67640  | 1402524 | 15.11% | 0.242% |
| 320    | 14.884 | 14.850 | 14.904 | HH | 376697 | 5821436 | 62.71% | 1.003% |
| 321    | 14.928 | 14.904 | 14.953 | HH | 398302 | 5421185 | 58.40% | 0.934% |
| 322    | 14.968 | 14.953 | 15.000 | HH | 51205  | 1314890 | 14.16% | 0.227% |
| 323    | 15.042 | 15.000 | 15.077 | HH | 116004 | 3119918 | 33.61% | 0.538% |
| 324    | 15.081 | 15.077 | 15.096 | HH | 52772  | 573287  | 6.18%  | 0.099% |
| 325    | 15.117 | 15.096 | 15.150 | HH | 70117  | 1786016 | 19.24% | 0.308% |
| 326    | 15.180 | 15.150 | 15.206 | HH | 77825  | 2039736 | 21.97% | 0.352% |
| 327    | 15.221 | 15.206 | 15.228 | HH | 66990  | 826657  | 8.90%  | 0.142% |
| 328    | 15.238 | 15.228 | 15.277 | HH | 71962  | 1726099 | 18.59% | 0.297% |
| 329    | 15.321 | 15.277 | 15.384 | HH | 170883 | 5006172 | 53.93% | 0.863% |
| 330    | 15.391 | 15.384 | 15.403 | HH | 49375  | 569668  | 6.14%  | 0.098% |
| 331    | 15.425 | 15.403 | 15.436 | HH | 52251  | 994409  | 10.71% | 0.171% |
| 332    | 15.465 | 15.436 | 15.493 | HH | 64348  | 1997785 | 21.52% | 0.344% |
| 333    | 15.514 | 15.493 | 15.530 | HH | 71253  | 1412630 | 15.22% | 0.243% |
| 334    | 15.555 | 15.530 | 15.575 | HH | 139830 | 2506467 | 27.00% | 0.432% |
| 335    | 15.593 | 15.575 | 15.622 | HH | 90540  | 1976315 | 21.29% | 0.341% |
| 336    | 15.637 | 15.622 | 15.652 | HH | 69115  | 1141254 | 12.29% | 0.197% |
| 337    | 15.716 | 15.652 | 15.747 | HH | 100100 | 4497263 | 48.44% | 0.775% |
| 338    | 15.791 | 15.747 | 15.817 | HH | 74272  | 2574173 | 27.73% | 0.444% |
| 339    | 15.840 | 15.817 | 15.857 | HH | 61904  | 1435274 | 15.46% | 0.247% |
| 340    | 15.876 | 15.857 | 15.893 | HH | 70961  | 1344135 | 14.48% | 0.232% |
| 341    | 15.910 | 15.893 | 15.934 | HH | 73221  | 1599097 | 17.23% | 0.276% |
| 342    | 15.976 | 15.934 | 16.012 | HH | 73949  | 2990957 | 32.22% | 0.515% |
| 343    | 16.029 | 16.012 | 16.063 | HH | 61117  | 1803142 | 19.42% | 0.311% |
| 344    | 16.082 | 16.063 | 16.099 | HH | 59256  | 1261637 | 13.59% | 0.217% |
| 345    | 16.110 | 16.099 | 16.126 | HH | 57301  | 922253  | 9.93%  | 0.159% |
| 346    | 16.167 | 16.126 | 16.208 | HH | 78904  | 3359005 | 36.18% | 0.579% |
| 347    | 16.228 | 16.208 | 16.244 | HH | 80212  | 1513875 | 16.31% | 0.261% |
| 348    | 16.263 | 16.244 | 16.293 | HH | 74158  | 2066096 | 22.26% | 0.356% |
| 349    | 16.305 | 16.293 | 16.310 | HH | 69187  | 719696  | 7.75%  | 0.124% |
| 350    | 16.338 | 16.310 | 16.358 | HH | 112286 | 2672329 | 28.79% | 0.461% |
| 351    | 16.372 | 16.358 | 16.398 | HH | 91528  | 1891914 | 20.38% | 0.326% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 352    | 16.451 | 16.398 | 16.467 | HH | 425176 | 8174251 | 88.05% | 1.409% |
| 353    | 16.476 | 16.467 | 16.504 | HH | 230163 | 3121618 | 33.63% | 0.538% |
| 354    | 16.525 | 16.504 | 16.550 | HH | 75650  | 1979522 | 21.32% | 0.341% |
| 355    | 16.575 | 16.550 | 16.595 | HH | 148919 | 2771015 | 29.85% | 0.478% |
| 356    | 16.609 | 16.595 | 16.624 | HH | 82672  | 1397308 | 15.05% | 0.241% |
| 357    | 16.633 | 16.624 | 16.647 | HH | 76809  | 1038004 | 11.18% | 0.179% |
| 358    | 16.665 | 16.647 | 16.679 | HH | 81262  | 1459286 | 15.72% | 0.251% |
| 359    | 16.694 | 16.679 | 16.716 | HH | 88927  | 1868853 | 20.13% | 0.322% |
| 360    | 16.771 | 16.716 | 16.796 | HH | 299321 | 7402594 | 79.74% | 1.276% |
| 361    | 16.831 | 16.796 | 16.864 | HH | 388909 | 7066935 | 76.12% | 1.218% |
| 362    | 16.926 | 16.864 | 16.951 | HH | 171474 | 5469379 | 58.92% | 0.943% |
| 363    | 16.995 | 16.951 | 17.021 | HH | 197650 | 5181338 | 55.81% | 0.893% |
| 364    | 17.065 | 17.021 | 17.103 | HH | 104496 | 4651243 | 50.10% | 0.802% |
| 365    | 17.128 | 17.103 | 17.144 | HH | 93271  | 2149860 | 23.16% | 0.371% |
| 366    | 17.190 | 17.144 | 17.218 | HH | 123757 | 4718070 | 50.82% | 0.813% |
| 367    | 17.228 | 17.218 | 17.251 | HH | 102764 | 1896059 | 20.42% | 0.327% |
| 368    | 17.282 | 17.251 | 17.312 | HH | 312080 | 6354082 | 68.45% | 1.095% |
| 369    | 17.326 | 17.312 | 17.337 | HH | 113692 | 1678200 | 18.08% | 0.289% |
| 370    | 17.367 | 17.337 | 17.391 | HH | 134794 | 3797309 | 40.90% | 0.654% |
| 371    | 17.409 | 17.391 | 17.427 | HH | 106501 | 2157366 | 23.24% | 0.372% |
| 372    | 17.440 | 17.427 | 17.462 | HH | 101438 | 2024021 | 21.80% | 0.349% |
| 373    | 17.486 | 17.462 | 17.512 | HH | 122954 | 3249465 | 35.00% | 0.560% |
| 374    | 17.520 | 17.512 | 17.561 | HH | 98499  | 2766991 | 29.81% | 0.477% |
| 375    | 17.600 | 17.561 | 17.624 | HH | 98461  | 3564468 | 38.40% | 0.614% |
| 376    | 17.628 | 17.624 | 17.636 | HH | 91858  | 634868  | 6.84%  | 0.109% |
| 377    | 17.666 | 17.636 | 17.691 | HH | 95109  | 3016643 | 32.49% | 0.520% |
| 378    | 17.737 | 17.691 | 17.758 | HH | 99742  | 3872863 | 41.72% | 0.667% |
| 379    | 17.806 | 17.758 | 17.839 | HH | 125064 | 5289070 | 56.97% | 0.912% |
| 380    | 17.849 | 17.839 | 17.856 | HH | 96173  | 978954  | 10.55% | 0.169% |
| 381    | 17.897 | 17.856 | 17.942 | HH | 141493 | 5900496 | 63.56% | 1.017% |
| 382    | 17.964 | 17.942 | 17.982 | HH | 125814 | 2782175 | 29.97% | 0.479% |
| 383    | 17.990 | 17.982 | 18.021 | HH | 120512 | 2536789 | 27.33% | 0.437% |
| 384    | 18.047 | 18.021 | 18.075 | HH | 118539 | 3524287 | 37.96% | 0.607% |
| 385    | 18.106 | 18.075 | 18.139 | HH | 157266 | 4688747 | 50.51% | 0.808% |
| 386    | 18.164 | 18.139 | 18.180 | HH | 188907 | 3795200 | 40.88% | 0.654% |
| 387    | 18.204 | 18.180 | 18.219 | HH | 306142 | 5275048 | 56.82% | 0.909% |
| 388    | 18.232 | 18.219 | 18.266 | HH | 211803 | 4537294 | 48.87% | 0.782% |
| 389    | 18.282 | 18.266 | 18.303 | HH | 122117 | 2538559 | 27.34% | 0.437% |
| 390    | 18.331 | 18.303 | 18.348 | HH | 173793 | 3650216 | 39.32% | 0.629% |
| 391    | 18.364 | 18.348 | 18.423 | HH | 157286 | 5528923 | 59.56% | 0.953% |
| 392    | 18.460 | 18.423 | 18.482 | HH | 294646 | 6105180 | 65.76% | 1.052% |
| 393    | 18.496 | 18.482 | 18.504 | HH | 110706 | 1388358 | 14.96% | 0.239% |
| 394    | 18.536 | 18.504 | 18.559 | HH | 126662 | 3874924 | 41.74% | 0.668% |
| 395    | 18.586 | 18.559 | 18.606 | HH | 170177 | 3875216 | 41.74% | 0.668% |
| 396    | 18.632 | 18.606 | 18.663 | HH | 140461 | 4186027 | 45.09% | 0.721% |
| 397    | 18.678 | 18.663 | 18.693 | HH | 109730 | 1948965 | 20.99% | 0.336% |
| 398    | 18.744 | 18.693 | 18.784 | HH | 161636 | 6827959 | 73.55% | 1.177% |
| 399    | 18.807 | 18.784 | 18.826 | HH | 120739 | 2824132 | 30.42% | 0.487% |
| 400    | 18.848 | 18.826 | 18.867 | HH | 125597 | 2897863 | 31.22% | 0.499% |
| 401    | 18.887 | 18.867 | 18.906 | HH | 121911 | 2667969 | 28.74% | 0.460% |
| 402    | 18.925 | 18.906 | 18.943 | HH | 115954 | 2521754 | 27.16% | 0.435% |
| 403    | 18.996 | 18.943 | 19.022 | HH | 213012 | 7202275 | 77.58% | 1.241% |
| 404    | 19.042 | 19.022 | 19.080 | HH | 157498 | 4748305 | 51.15% | 0.818% |



| rteres |        |        |        |    |        |         |        |
|--------|--------|--------|--------|----|--------|---------|--------|
| 405    | 19.092 | 19.080 | 19.105 | HH | 112071 | 1647376 | 0.284% |
| 406    | 19.132 | 19.105 | 19.164 | HH | 137119 | 4437130 | 0.765% |
| 407    | 19.176 | 19.164 | 19.194 | HH | 119222 | 2105512 | 0.363% |
| 408    | 19.203 | 19.194 | 19.227 | HH | 114878 | 2223803 | 0.383% |
| 409    | 19.248 | 19.227 | 19.272 | HH | 115624 | 2987673 | 0.515% |
| 410    | 19.308 | 19.272 | 19.331 | HH | 121139 | 3999125 | 0.689% |
| 411    | 19.344 | 19.331 | 19.368 | HH | 112722 | 2464294 | 0.425% |
| 412    | 19.390 | 19.368 | 19.402 | HH | 109231 | 2199224 | 0.379% |
| 413    | 19.459 | 19.402 | 19.481 | HH | 133725 | 5548950 | 0.956% |
| 414    | 19.497 | 19.481 | 19.514 | HH | 129283 | 2470919 | 0.426% |
| 415    | 19.537 | 19.514 | 19.576 | HH | 156532 | 4837024 | 0.834% |
| 416    | 19.615 | 19.576 | 19.639 | HH | 196592 | 5572668 | 0.960% |
| 417    | 19.682 | 19.639 | 19.709 | HH | 184428 | 6225665 | 1.073% |
| 418    | 19.728 | 19.709 | 19.752 | HH | 141809 | 3511529 | 0.605% |
| 419    | 19.775 | 19.752 | 19.853 | HH | 186109 | 8576817 | 1.478% |
| 420    | 19.876 | 19.853 | 19.883 | HH | 126615 | 2234321 | 0.385% |
| 421    | 19.896 | 19.883 | 19.926 | HH | 128764 | 3041177 | 0.524% |
| 422    | 19.995 | 19.926 | 20.024 | HH | 206334 | 8591932 | 1.481% |
| 423    | 20.061 | 20.024 | 20.079 | HH | 151960 | 4392345 | 0.757% |
| 424    | 20.088 | 20.079 | 20.114 | HH | 133662 | 2697046 | 0.465% |
| 425    | 20.135 | 20.114 | 20.159 | HH | 138712 | 3443181 | 0.593% |
| 426    | 20.166 | 20.159 | 20.191 | HH | 119220 | 2227130 | 0.384% |
| 427    | 20.205 | 20.191 | 20.220 | HH | 117122 | 2033951 | 0.351% |
| 428    | 20.227 | 20.220 | 20.244 | HH | 118904 | 1681570 | 0.290% |
| 429    | 20.265 | 20.244 | 20.273 | HH | 120806 | 2061703 | 0.355% |
| 430    | 20.279 | 20.273 | 20.314 | HH | 120350 | 2876904 | 0.496% |
| 431    | 20.338 | 20.314 | 20.364 | HH | 119245 | 3472135 | 0.598% |
| 432    | 20.372 | 20.364 | 20.385 | HH | 113857 | 1373412 | 0.237% |
| 433    | 20.399 | 20.385 | 20.407 | HH | 111928 | 1463877 | 0.252% |
| 434    | 20.416 | 20.407 | 20.445 | HH | 113448 | 2533232 | 0.437% |
| 435    | 20.483 | 20.445 | 20.492 | HH | 113837 | 3185936 | 0.549% |
| 436    | 20.511 | 20.492 | 20.516 | HH | 118618 | 1626327 | 0.280% |
| 437    | 20.519 | 20.516 | 20.525 | HH | 118139 | 666340  | 0.115% |
| 438    | 20.532 | 20.525 | 20.553 | HH | 118083 | 1939848 | 0.334% |
| 439    | 20.573 | 20.553 | 20.619 | HH | 114279 | 4294596 | 0.740% |
| 440    | 20.650 | 20.619 | 20.679 | HH | 112162 | 3948458 | 0.680% |
| 441    | 20.694 | 20.679 | 20.729 | HH | 111015 | 3202561 | 0.552% |
| 442    | 20.746 | 20.729 | 20.772 | HH | 103994 | 2653884 | 0.457% |
| 443    | 20.795 | 20.772 | 20.804 | HH | 102684 | 1927347 | 0.332% |
| 444    | 20.831 | 20.804 | 20.837 | HH | 103304 | 2037716 | 0.351% |
| 445    | 20.843 | 20.837 | 20.869 | HH | 102415 | 1892009 | 0.326% |
| 446    | 20.873 | 20.869 | 20.883 | HH | 100961 | 846068  | 0.146% |
| 447    | 20.907 | 20.883 | 20.972 | HH | 110041 | 5500661 | 0.948% |
| 448    | 21.014 | 20.972 | 21.019 | HH | 108458 | 2813778 | 0.485% |
| 449    | 21.024 | 21.019 | 21.092 | HH | 108743 | 4496877 | 0.775% |
| 450    | 21.120 | 21.092 | 21.153 | HH | 102013 | 3529221 | 0.608% |
| 451    | 21.193 | 21.153 | 21.204 | HH | 96257  | 2869931 | 0.495% |
| 452    | 21.228 | 21.204 | 21.264 | HH | 103126 | 3599335 | 0.620% |
| 453    | 21.271 | 21.264 | 21.280 | HH | 98097  | 956985  | 0.165% |
| 454    | 21.289 | 21.280 | 21.302 | HH | 98845  | 1292926 | 0.223% |
| 455    | 21.319 | 21.302 | 21.347 | HH | 102874 | 2683360 | 0.462% |
| 456    | 21.391 | 21.347 | 21.396 | HH | 116116 | 3078922 | 0.531% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 457 | 21.416 | 21.396 | 21.445 | HH | 124705 | 3460462 | 37.28% | 0.596% |
| 458 | 21.454 | 21.445 | 21.537 | HH | 109765 | 5378788 | 57.94% | 0.927% |
| 459 | 21.541 | 21.537 | 21.559 | HH | 88281  | 1132799 | 12.20% | 0.195% |
| 460 | 21.589 | 21.559 | 21.604 | HH | 92828  | 2445108 | 26.34% | 0.421% |
| 461 | 21.630 | 21.604 | 21.672 | HH | 95928  | 3646294 | 39.28% | 0.628% |
| 462 | 21.724 | 21.672 | 21.767 | HH | 110754 | 5276413 | 56.84% | 0.909% |
| 463 | 21.807 | 21.767 | 21.839 | HH | 107472 | 4009757 | 43.19% | 0.691% |
| 464 | 21.866 | 21.839 | 21.893 | HH | 99793  | 3092509 | 33.31% | 0.533% |
| 465 | 21.911 | 21.893 | 21.936 | HH | 97309  | 2412069 | 25.98% | 0.416% |

Sum of corrected areas: 580253057

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