

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF072120\  
 Data File : FF007187.D  
 Signal(s) : FID2B.ch  
 Acq On : 21 Jul 2020 16:19  
 Sample : L3360-03  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF071520.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         | 2.321       | 2.310        | 2.335      | BH       | 140            | 665          | 0.01%          | 0.000%        |
| 2         | 2.350       | 2.335        | 2.375      | PH       | 574            | 4845         | 0.04%          | 0.001%        |
| 3         | 2.380       | 2.375        | 2.394      | PH       | 82             | 209          | 0.00%          | 0.000%        |
| 4         | 2.397       | 2.394        | 2.409      | PH       | 14             | -72          | -0.00%         | -0.000%       |
| 5         | 2.415       | 2.409        | 2.468      | PH       | -24            | -1990        | -0.02%         | -0.000%       |
| 6         | 2.478       | 2.468        | 2.500      | PH       | 68             | -457         | -0.00%         | -0.000%       |
| 7         | 2.516       | 2.500        | 2.558      | PH       | 891            | 8187         | 0.07%          | 0.001%        |
| 8         | 2.578       | 2.558        | 2.610      | PH       | 1869           | 14054        | 0.11%          | 0.002%        |
| 9         | 2.638       | 2.610        | 2.667      | PH       | 689            | 10997        | 0.09%          | 0.002%        |
| 10        | 2.683       | 2.667        | 2.698      | PH       | 580            | 3536         | 0.03%          | 0.001%        |
| 11        | 2.710       | 2.698        | 2.739      | PH       | 222            | 1712         | 0.01%          | 0.000%        |
| 12        | 2.749       | 2.739        | 2.763      | PH       | 112            | 224          | 0.00%          | 0.000%        |
| 13        | 2.770       | 2.763        | 2.777      | PH       | 21             | -306         | -0.00%         | -0.000%       |
| 14        | 2.786       | 2.777        | 2.797      | PH       | 28             | -565         | -0.00%         | -0.000%       |
| 15        | 2.815       | 2.797        | 2.825      | PH       | 417            | 3583         | 0.03%          | 0.001%        |
| 16        | 2.836       | 2.825        | 2.859      | HH       | 555            | 3453         | 0.03%          | 0.001%        |
| 17        | 2.877       | 2.859        | 2.889      | PH       | 98             | -380         | -0.00%         | -0.000%       |
| 18        | 2.904       | 2.889        | 2.958      | PH       | 1146           | 10558        | 0.08%          | 0.002%        |
| 19        | 2.970       | 2.958        | 2.989      | PH       | 88             | -1116        | -0.01%         | -0.000%       |
| 20        | 3.006       | 2.989        | 3.048      | PH       | 245            | 2112         | 0.02%          | 0.000%        |
| 21        | 3.066       | 3.048        | 3.073      | PH       | 557            | 3614         | 0.03%          | 0.001%        |
| 22        | 3.085       | 3.073        | 3.105      | HH       | 1533           | 11824        | 0.10%          | 0.002%        |
| 23        | 3.116       | 3.105        | 3.121      | PH       | 204            | 1027         | 0.01%          | 0.000%        |
| 24        | 3.133       | 3.121        | 3.153      | HH       | 563            | 3335         | 0.03%          | 0.001%        |
| 25        | 3.165       | 3.153        | 3.185      | PH       | 386            | 1335         | 0.01%          | 0.000%        |
| 26        | 3.205       | 3.185        | 3.218      | PH       | 411            | 2638         | 0.02%          | 0.000%        |
| 27        | 3.229       | 3.218        | 3.250      | PH       | 109            | -1968        | -0.02%         | -0.000%       |
| 28        | 3.265       | 3.250        | 3.296      | PH       | 623            | 2519         | 0.02%          | 0.000%        |
| 29        | 3.300       | 3.296        | 3.319      | PH       | -140           | -2974        | -0.02%         | -0.000%       |
| 30        | 3.332       | 3.319        | 3.369      | PH       | 98             | -3131        | -0.03%         | -0.000%       |
| 31        | 3.384       | 3.369        | 3.418      | PH       | 1324           | 9315         | 0.07%          | 0.001%        |
| 32        | 3.428       | 3.418        | 3.446      | PH       | -123           | -3364        | -0.03%         | -0.001%       |
| 33        | 3.459       | 3.446        | 3.496      | PH       | 1186           | 7968         | 0.06%          | 0.001%        |
| 34        | 3.512       | 3.496        | 3.533      | PH       | 178            | -108         | -0.00%         | -0.000%       |
| 35        | 3.539       | 3.533        | 3.560      | PH       | -12            | -1939        | -0.02%         | -0.000%       |
| 36        | 3.587       | 3.560        | 3.613      | PH       | 44             | -4449        | -0.04%         | -0.001%       |

|    |       |       |       |    | rteres |        |        |         |
|----|-------|-------|-------|----|--------|--------|--------|---------|
| 37 | 3.630 | 3.613 | 3.642 | PH | -184   | -3959  | -0.03% | -0.001% |
| 38 | 3.676 | 3.642 | 3.737 | PH | 890    | 7998   | 0.06%  | 0.001%  |
| 39 | 3.761 | 3.737 | 3.787 | PH | 425    | 935    | 0.01%  | 0.000%  |
| 40 | 3.796 | 3.787 | 3.817 | PH | 60     | -1415  | -0.01% | -0.000% |
| 41 | 3.823 | 3.817 | 3.828 | PH | -93    | -830   | -0.01% | -0.000% |
| 42 | 3.836 | 3.828 | 3.855 | PH | -3     | -2263  | -0.02% | -0.000% |
| 43 | 3.881 | 3.855 | 3.896 | PH | 660    | 4456   | 0.04%  | 0.001%  |
| 44 | 3.906 | 3.896 | 3.925 | PH | 96     | -1896  | -0.02% | -0.000% |
| 45 | 3.934 | 3.925 | 3.953 | PH | -40    | -3189  | -0.03% | -0.000% |
| 46 | 3.971 | 3.953 | 4.029 | PH | 462    | -2369  | -0.02% | -0.000% |
| 47 | 4.046 | 4.029 | 4.077 | PH | 3233   | 28508  | 0.23%  | 0.004%  |
| 48 | 4.088 | 4.077 | 4.102 | HH | 360    | 2861   | 0.02%  | 0.000%  |
| 49 | 4.107 | 4.102 | 4.132 | HH | 158    | 1627   | 0.01%  | 0.000%  |
| 50 | 4.156 | 4.132 | 4.182 | PH | 473    | 3380   | 0.03%  | 0.001%  |
| 51 | 4.209 | 4.182 | 4.342 | PH | 6974   | 82831  | 0.67%  | 0.013%  |
| 52 | 4.345 | 4.342 | 4.357 | PH | -206   | -2107  | -0.02% | -0.000% |
| 53 | 4.366 | 4.357 | 4.370 | PH | -84    | -1145  | -0.01% | -0.000% |
| 54 | 4.394 | 4.370 | 4.408 | PH | 180    | 167    | 0.00%  | 0.000%  |
| 55 | 4.416 | 4.408 | 4.427 | PH | 152    | 572    | 0.00%  | 0.000%  |
| 56 | 4.434 | 4.427 | 4.441 | PH | 93     | 205    | 0.00%  | 0.000%  |
| 57 | 4.463 | 4.441 | 4.484 | PH | 3792   | 33307  | 0.27%  | 0.005%  |
| 58 | 4.505 | 4.484 | 4.524 | PH | 1282   | 13427  | 0.11%  | 0.002%  |
| 59 | 4.538 | 4.524 | 4.547 | HH | 421    | 4467   | 0.04%  | 0.001%  |
| 60 | 4.568 | 4.547 | 4.578 | HH | 607    | 9076   | 0.07%  | 0.001%  |
| 61 | 4.609 | 4.578 | 4.642 | HH | 13106  | 135850 | 1.09%  | 0.021%  |
| 62 | 4.647 | 4.642 | 4.655 | HH | 872    | 6374   | 0.05%  | 0.001%  |
| 63 | 4.666 | 4.655 | 4.707 | HH | 1053   | 16545  | 0.13%  | 0.003%  |
| 64 | 4.719 | 4.707 | 4.736 | PH | 727    | 5015   | 0.04%  | 0.001%  |
| 65 | 4.749 | 4.736 | 4.769 | PH | 581    | 4618   | 0.04%  | 0.001%  |
| 66 | 4.771 | 4.769 | 4.780 | HH | 135    | 418    | 0.00%  | 0.000%  |
| 67 | 4.799 | 4.780 | 4.825 | PH | 1098   | 10449  | 0.08%  | 0.002%  |
| 68 | 4.844 | 4.825 | 4.862 | HH | 574    | 5235   | 0.04%  | 0.001%  |
| 69 | 4.881 | 4.862 | 4.906 | PH | 475    | 4645   | 0.04%  | 0.001%  |
| 70 | 4.921 | 4.906 | 4.932 | PH | 409    | 2546   | 0.02%  | 0.000%  |
| 71 | 4.941 | 4.932 | 4.977 | HH | 393    | 694    | 0.01%  | 0.000%  |
| 72 | 5.000 | 4.977 | 5.009 | PH | 123    | -289   | -0.00% | -0.000% |
| 73 | 5.016 | 5.009 | 5.022 | HH | 114    | 542    | 0.00%  | 0.000%  |
| 74 | 5.036 | 5.022 | 5.048 | HH | 507    | 3263   | 0.03%  | 0.000%  |
| 75 | 5.058 | 5.048 | 5.067 | HH | 292    | 1870   | 0.02%  | 0.000%  |
| 76 | 5.075 | 5.067 | 5.092 | HH | 405    | 2807   | 0.02%  | 0.000%  |
| 77 | 5.108 | 5.092 | 5.130 | PH | 891    | 9317   | 0.07%  | 0.001%  |
| 78 | 5.146 | 5.130 | 5.174 | HH | 818    | 10936  | 0.09%  | 0.002%  |
| 79 | 5.187 | 5.174 | 5.195 | PH | 676    | 5367   | 0.04%  | 0.001%  |
| 80 | 5.208 | 5.195 | 5.230 | HH | 1066   | 9843   | 0.08%  | 0.001%  |
| 81 | 5.241 | 5.230 | 5.252 | PH | 57     | -610   | -0.00% | -0.000% |
| 82 | 5.266 | 5.252 | 5.290 | PH | 87     | -828   | -0.01% | -0.000% |
| 83 | 5.323 | 5.290 | 5.351 | PH | 970    | 13228  | 0.11%  | 0.002%  |
| 84 | 5.380 | 5.351 | 5.389 | HH | 496    | 7080   | 0.06%  | 0.001%  |
| 85 | 5.396 | 5.389 | 5.415 | HH | 478    | 3797   | 0.03%  | 0.001%  |
| 86 | 5.429 | 5.415 | 5.448 | PH | 175    | 1179   | 0.01%  | 0.000%  |
| 87 | 5.457 | 5.448 | 5.483 | PH | 218    | 152    | 0.00%  | 0.000%  |
| 88 | 5.505 | 5.483 | 5.524 | PH | 6217   | 59420  | 0.48%  | 0.009%  |
| 89 | 5.539 | 5.524 | 5.563 | HH | 1145   | 13118  | 0.11%  | 0.002%  |

|     |       |       |       |    |        |        |       |        |
|-----|-------|-------|-------|----|--------|--------|-------|--------|
|     |       |       |       |    | rteres |        |       |        |
| 90  | 5.576 | 5.563 | 5.590 | PH | 92     | 258    | 0.00% | 0.000% |
| 91  | 5.608 | 5.590 | 5.629 | PH | 1238   | 12272  | 0.10% | 0.002% |
| 92  | 5.639 | 5.629 | 5.647 | HH | 204    | 1618   | 0.01% | 0.000% |
| 93  | 5.695 | 5.647 | 5.709 | HH | 1366   | 17938  | 0.14% | 0.003% |
| 94  | 5.720 | 5.709 | 5.732 | HH | 687    | 6721   | 0.05% | 0.001% |
| 95  | 5.737 | 5.732 | 5.749 | HH | 265    | 2311   | 0.02% | 0.000% |
| 96  | 5.756 | 5.749 | 5.760 | HH | 258    | 1598   | 0.01% | 0.000% |
| 97  | 5.792 | 5.760 | 5.800 | HH | 1120   | 14780  | 0.12% | 0.002% |
| 98  | 5.809 | 5.800 | 5.832 | HH | 1095   | 10383  | 0.08% | 0.002% |
| 99  | 5.846 | 5.832 | 5.865 | PH | 596    | 6241   | 0.05% | 0.001% |
| 100 | 5.882 | 5.865 | 5.897 | PH | 693    | 7368   | 0.06% | 0.001% |
| 101 | 5.910 | 5.897 | 5.943 | HH | 622    | 8661   | 0.07% | 0.001% |
| 102 | 5.963 | 5.943 | 5.982 | PH | 687    | 6154   | 0.05% | 0.001% |
| 103 | 6.011 | 5.982 | 6.033 | PH | 836    | 12018  | 0.10% | 0.002% |
| 104 | 6.059 | 6.033 | 6.080 | HH | 5213   | 62065  | 0.50% | 0.009% |
| 105 | 6.116 | 6.080 | 6.135 | HH | 1358   | 25525  | 0.21% | 0.004% |
| 106 | 6.148 | 6.135 | 6.175 | HH | 983    | 12132  | 0.10% | 0.002% |
| 107 | 6.206 | 6.175 | 6.226 | HH | 1858   | 30392  | 0.24% | 0.005% |
| 108 | 6.234 | 6.226 | 6.260 | HH | 678    | 11314  | 0.09% | 0.002% |
| 109 | 6.277 | 6.260 | 6.290 | HH | 834    | 12334  | 0.10% | 0.002% |
| 110 | 6.299 | 6.290 | 6.312 | HH | 837    | 9372   | 0.08% | 0.001% |
| 111 | 6.331 | 6.312 | 6.395 | HH | 1834   | 46270  | 0.37% | 0.007% |
| 112 | 6.428 | 6.395 | 6.439 | HH | 1094   | 21077  | 0.17% | 0.003% |
| 113 | 6.444 | 6.439 | 6.457 | HH | 828    | 8371   | 0.07% | 0.001% |
| 114 | 6.489 | 6.457 | 6.537 | HH | 5211   | 81495  | 0.66% | 0.012% |
| 115 | 6.542 | 6.537 | 6.547 | HH | 332    | 1772   | 0.01% | 0.000% |
| 116 | 6.608 | 6.547 | 6.621 | HH | 673    | 20641  | 0.17% | 0.003% |
| 117 | 6.638 | 6.621 | 6.659 | HH | 1892   | 22729  | 0.18% | 0.003% |
| 118 | 6.690 | 6.659 | 6.725 | HH | 1227   | 21802  | 0.18% | 0.003% |
| 119 | 6.738 | 6.725 | 6.749 | HH | 591    | 6152   | 0.05% | 0.001% |
| 120 | 6.768 | 6.749 | 6.787 | HH | 1457   | 18373  | 0.15% | 0.003% |
| 121 | 6.813 | 6.787 | 6.821 | HH | 839    | 9598   | 0.08% | 0.001% |
| 122 | 6.827 | 6.821 | 6.859 | HH | 671    | 9233   | 0.07% | 0.001% |
| 123 | 6.894 | 6.859 | 6.914 | HH | 1751   | 23496  | 0.19% | 0.004% |
| 124 | 6.932 | 6.914 | 6.947 | HH | 488    | 6973   | 0.06% | 0.001% |
| 125 | 6.993 | 6.947 | 7.032 | HH | 2880   | 75496  | 0.61% | 0.011% |
| 126 | 7.050 | 7.032 | 7.074 | HH | 3010   | 39457  | 0.32% | 0.006% |
| 127 | 7.094 | 7.074 | 7.100 | HH | 1242   | 14288  | 0.11% | 0.002% |
| 128 | 7.117 | 7.100 | 7.134 | HH | 4712   | 55858  | 0.45% | 0.008% |
| 129 | 7.147 | 7.134 | 7.177 | HH | 1931   | 30696  | 0.25% | 0.005% |
| 130 | 7.193 | 7.177 | 7.230 | HH | 2097   | 36995  | 0.30% | 0.006% |
| 131 | 7.253 | 7.230 | 7.273 | HH | 3503   | 40695  | 0.33% | 0.006% |
| 132 | 7.289 | 7.273 | 7.335 | HH | 1171   | 29499  | 0.24% | 0.004% |
| 133 | 7.342 | 7.335 | 7.359 | HH | 596    | 7043   | 0.06% | 0.001% |
| 134 | 7.414 | 7.359 | 7.445 | HH | 6292   | 100675 | 0.81% | 0.015% |
| 135 | 7.459 | 7.445 | 7.484 | HH | 891    | 17684  | 0.14% | 0.003% |
| 136 | 7.493 | 7.484 | 7.520 | HH | 965    | 18530  | 0.15% | 0.003% |
| 137 | 7.529 | 7.520 | 7.565 | HH | 1031   | 22030  | 0.18% | 0.003% |
| 138 | 7.588 | 7.565 | 7.603 | HH | 2244   | 33641  | 0.27% | 0.005% |
| 139 | 7.619 | 7.603 | 7.637 | HH | 2472   | 33804  | 0.27% | 0.005% |
| 140 | 7.643 | 7.637 | 7.662 | HH | 1011   | 11651  | 0.09% | 0.002% |
| 141 | 7.702 | 7.662 | 7.720 | HH | 1411   | 31916  | 0.26% | 0.005% |

|     |       |       |       |    | rteres |        |       |        |
|-----|-------|-------|-------|----|--------|--------|-------|--------|
| 142 | 7.730 | 7.720 | 7.735 | HH | 1067   | 8854   | 0.07% | 0.001% |
| 143 | 7.755 | 7.735 | 7.772 | HH | 1926   | 30446  | 0.25% | 0.005% |
| 144 | 7.778 | 7.772 | 7.797 | HH | 976    | 13121  | 0.11% | 0.002% |
| 145 | 7.807 | 7.797 | 7.818 | HH | 992    | 11177  | 0.09% | 0.002% |
|     |       |       |       |    |        |        |       |        |
| 146 | 7.841 | 7.818 | 7.855 | HH | 2303   | 36286  | 0.29% | 0.006% |
| 147 | 7.870 | 7.855 | 7.882 | HH | 2205   | 29181  | 0.23% | 0.004% |
| 148 | 7.894 | 7.882 | 7.919 | HH | 1902   | 31794  | 0.26% | 0.005% |
| 149 | 7.937 | 7.919 | 7.957 | HH | 1800   | 31366  | 0.25% | 0.005% |
| 150 | 7.982 | 7.957 | 7.989 | HH | 2199   | 33873  | 0.27% | 0.005% |
|     |       |       |       |    |        |        |       |        |
| 151 | 8.013 | 7.989 | 8.077 | HH | 5638   | 141446 | 1.14% | 0.021% |
| 152 | 8.108 | 8.077 | 8.127 | HH | 4812   | 83820  | 0.67% | 0.013% |
| 153 | 8.141 | 8.127 | 8.151 | HH | 1427   | 18805  | 0.15% | 0.003% |
| 154 | 8.176 | 8.151 | 8.188 | HH | 2171   | 40321  | 0.32% | 0.006% |
| 155 | 8.216 | 8.188 | 8.230 | HH | 5394   | 82252  | 0.66% | 0.012% |
|     |       |       |       |    |        |        |       |        |
| 156 | 8.249 | 8.230 | 8.267 | HH | 9644   | 140103 | 1.13% | 0.021% |
| 157 | 8.285 | 8.267 | 8.319 | HH | 9948   | 149885 | 1.21% | 0.023% |
| 158 | 8.346 | 8.319 | 8.371 | HH | 51491  | 542524 | 4.37% | 0.082% |
| 159 | 8.379 | 8.371 | 8.383 | HH | 3036   | 22326  | 0.18% | 0.003% |
| 160 | 8.400 | 8.383 | 8.425 | HH | 5868   | 90888  | 0.73% | 0.014% |
|     |       |       |       |    |        |        |       |        |
| 161 | 8.455 | 8.425 | 8.469 | HH | 3555   | 63513  | 0.51% | 0.010% |
| 162 | 8.488 | 8.469 | 8.499 | HH | 2440   | 40640  | 0.33% | 0.006% |
| 163 | 8.512 | 8.499 | 8.528 | HH | 2633   | 41692  | 0.34% | 0.006% |
| 164 | 8.539 | 8.528 | 8.557 | HH | 2512   | 35620  | 0.29% | 0.005% |
| 165 | 8.574 | 8.557 | 8.600 | HH | 1911   | 42818  | 0.34% | 0.007% |
|     |       |       |       |    |        |        |       |        |
| 166 | 8.615 | 8.600 | 8.623 | HH | 1554   | 19970  | 0.16% | 0.003% |
| 167 | 8.650 | 8.623 | 8.671 | HH | 2953   | 64128  | 0.52% | 0.010% |
| 168 | 8.696 | 8.671 | 8.720 | HH | 5892   | 105825 | 0.85% | 0.016% |
| 169 | 8.752 | 8.720 | 8.799 | HH | 5643   | 151878 | 1.22% | 0.023% |
| 170 | 8.822 | 8.799 | 8.847 | HH | 5547   | 101308 | 0.82% | 0.015% |
|     |       |       |       |    |        |        |       |        |
| 171 | 8.857 | 8.847 | 8.863 | HH | 2017   | 18861  | 0.15% | 0.003% |
| 172 | 8.890 | 8.863 | 8.919 | HH | 3098   | 82687  | 0.67% | 0.013% |
| 173 | 8.935 | 8.919 | 8.952 | HH | 3683   | 57482  | 0.46% | 0.009% |
| 174 | 8.969 | 8.952 | 8.987 | HH | 4762   | 68780  | 0.55% | 0.010% |
| 175 | 9.008 | 8.987 | 9.038 | HH | 5457   | 105734 | 0.85% | 0.016% |
|     |       |       |       |    |        |        |       |        |
| 176 | 9.057 | 9.038 | 9.074 | HH | 2828   | 53102  | 0.43% | 0.008% |
| 177 | 9.108 | 9.074 | 9.130 | HH | 11662  | 172680 | 1.39% | 0.026% |
| 178 | 9.146 | 9.130 | 9.176 | HH | 3832   | 72682  | 0.58% | 0.011% |
| 179 | 9.199 | 9.176 | 9.223 | HH | 2205   | 55241  | 0.44% | 0.008% |
| 180 | 9.262 | 9.223 | 9.278 | HH | 3533   | 77705  | 0.63% | 0.012% |
|     |       |       |       |    |        |        |       |        |
| 181 | 9.293 | 9.278 | 9.309 | HH | 3106   | 45027  | 0.36% | 0.007% |
| 182 | 9.318 | 9.309 | 9.328 | HH | 2047   | 22914  | 0.18% | 0.003% |
| 183 | 9.345 | 9.328 | 9.363 | HH | 2586   | 47178  | 0.38% | 0.007% |
| 184 | 9.398 | 9.363 | 9.424 | HH | 3909   | 98179  | 0.79% | 0.015% |
| 185 | 9.444 | 9.424 | 9.457 | HH | 2911   | 50449  | 0.41% | 0.008% |
|     |       |       |       |    |        |        |       |        |
| 186 | 9.481 | 9.457 | 9.540 | HH | 8071   | 200262 | 1.61% | 0.030% |
| 187 | 9.562 | 9.540 | 9.592 | HH | 5093   | 112054 | 0.90% | 0.017% |
| 188 | 9.607 | 9.592 | 9.613 | HH | 3302   | 40969  | 0.33% | 0.006% |
| 189 | 9.629 | 9.613 | 9.648 | HH | 3718   | 70001  | 0.56% | 0.011% |
| 190 | 9.664 | 9.648 | 9.678 | HH | 3655   | 61139  | 0.49% | 0.009% |
|     |       |       |       |    |        |        |       |        |
| 191 | 9.686 | 9.678 | 9.707 | HH | 3313   | 51637  | 0.42% | 0.008% |
| 192 | 9.724 | 9.707 | 9.748 | HH | 3337   | 72098  | 0.58% | 0.011% |
| 193 | 9.762 | 9.748 | 9.778 | HH | 2740   | 46035  | 0.37% | 0.007% |
| 194 | 9.821 | 9.778 | 9.864 | HH | 4584   | 176179 | 1.42% | 0.027% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 195 | 9.888  | 9.864  | 9.940  | HH | 12855  | 248368 | 2.00% | 0.038% |
| 196 | 9.970  | 9.940  | 9.977  | HH | 2976   | 62124  | 0.50% | 0.009% |
| 197 | 9.994  | 9.977  | 10.017 | HH | 3553   | 72557  | 0.58% | 0.011% |
| 198 | 10.039 | 10.017 | 10.054 | HH | 4963   | 80152  | 0.65% | 0.012% |
| 199 | 10.065 | 10.054 | 10.119 | HH | 3473   | 109232 | 0.88% | 0.017% |
| 200 | 10.129 | 10.119 | 10.144 | HH | 2556   | 37471  | 0.30% | 0.006% |
| 201 | 10.166 | 10.144 | 10.188 | HH | 3326   | 75066  | 0.60% | 0.011% |
| 202 | 10.200 | 10.188 | 10.203 | HH | 2655   | 23195  | 0.19% | 0.004% |
| 203 | 10.229 | 10.203 | 10.255 | HH | 4631   | 115147 | 0.93% | 0.017% |
| 204 | 10.279 | 10.255 | 10.303 | HH | 7127   | 140288 | 1.13% | 0.021% |
| 205 | 10.331 | 10.303 | 10.347 | HH | 5099   | 108136 | 0.87% | 0.016% |
| 206 | 10.365 | 10.347 | 10.388 | HH | 5638   | 111466 | 0.90% | 0.017% |
| 207 | 10.412 | 10.388 | 10.452 | HH | 6349   | 175665 | 1.41% | 0.027% |
| 208 | 10.476 | 10.452 | 10.500 | HH | 7358   | 148496 | 1.20% | 0.023% |
| 209 | 10.535 | 10.500 | 10.553 | HH | 9916   | 198017 | 1.59% | 0.030% |
| 210 | 10.563 | 10.553 | 10.576 | HH | 6120   | 78366  | 0.63% | 0.012% |
| 211 | 10.586 | 10.576 | 10.597 | HH | 5698   | 67362  | 0.54% | 0.010% |
| 212 | 10.628 | 10.597 | 10.662 | HH | 13177  | 294578 | 2.37% | 0.045% |
| 213 | 10.698 | 10.662 | 10.719 | HH | 11272  | 260523 | 2.10% | 0.040% |
| 214 | 10.730 | 10.719 | 10.744 | HH | 7406   | 99123  | 0.80% | 0.015% |
| 215 | 10.749 | 10.744 | 10.763 | HH | 5974   | 65534  | 0.53% | 0.010% |
| 216 | 10.770 | 10.763 | 10.779 | HH | 5898   | 54954  | 0.44% | 0.008% |
| 217 | 10.794 | 10.779 | 10.814 | HH | 7784   | 126851 | 1.02% | 0.019% |
| 218 | 10.852 | 10.814 | 10.864 | HH | 6758   | 155985 | 1.26% | 0.024% |
| 219 | 10.886 | 10.864 | 10.927 | HH | 38561  | 515412 | 4.15% | 0.078% |
| 220 | 10.960 | 10.927 | 10.988 | HH | 13497  | 265937 | 2.14% | 0.040% |
| 221 | 11.021 | 10.988 | 11.044 | HH | 5790   | 171678 | 1.38% | 0.026% |
| 222 | 11.050 | 11.044 | 11.068 | HH | 4791   | 68063  | 0.55% | 0.010% |
| 223 | 11.083 | 11.068 | 11.095 | HH | 4889   | 76762  | 0.62% | 0.012% |
| 224 | 11.108 | 11.095 | 11.124 | HH | 5760   | 88916  | 0.72% | 0.014% |
| 225 | 11.136 | 11.124 | 11.153 | HH | 5435   | 89793  | 0.72% | 0.014% |
| 226 | 11.173 | 11.153 | 11.218 | HH | 7415   | 207517 | 1.67% | 0.032% |
| 227 | 11.247 | 11.218 | 11.257 | HH | 4918   | 109467 | 0.88% | 0.017% |
| 228 | 11.281 | 11.257 | 11.290 | HH | 5297   | 100334 | 0.81% | 0.015% |
| 229 | 11.303 | 11.290 | 11.309 | HH | 5496   | 60545  | 0.49% | 0.009% |
| 230 | 11.332 | 11.309 | 11.357 | HH | 14623  | 254846 | 2.05% | 0.039% |
| 231 | 11.377 | 11.357 | 11.382 | HH | 5573   | 81875  | 0.66% | 0.012% |
| 232 | 11.422 | 11.382 | 11.454 | HH | 10259  | 308127 | 2.48% | 0.047% |
| 233 | 11.459 | 11.454 | 11.462 | HH | 4876   | 24103  | 0.19% | 0.004% |
| 234 | 11.487 | 11.462 | 11.509 | HH | 6157   | 153502 | 1.24% | 0.023% |
| 235 | 11.533 | 11.509 | 11.559 | HH | 7316   | 191597 | 1.54% | 0.029% |
| 236 | 11.579 | 11.559 | 11.599 | HH | 6334   | 134427 | 1.08% | 0.020% |
| 237 | 11.631 | 11.599 | 11.661 | HH | 6799   | 232922 | 1.87% | 0.035% |
| 238 | 11.691 | 11.661 | 11.707 | HH | 13847  | 263856 | 2.12% | 0.040% |
| 239 | 11.720 | 11.707 | 11.763 | HH | 13954  | 307921 | 2.48% | 0.047% |
| 240 | 11.806 | 11.763 | 11.824 | HH | 11822  | 314865 | 2.53% | 0.048% |
| 241 | 11.839 | 11.824 | 11.854 | HH | 10944  | 167481 | 1.35% | 0.025% |
| 242 | 11.870 | 11.854 | 11.907 | HH | 11481  | 258077 | 2.08% | 0.039% |
| 243 | 11.944 | 11.907 | 11.964 | HH | 7035   | 220980 | 1.78% | 0.034% |
| 244 | 12.003 | 11.964 | 12.030 | HH | 16432  | 419867 | 3.38% | 0.064% |
| 245 | 12.049 | 12.030 | 12.069 | HH | 10380  | 209632 | 1.69% | 0.032% |
| 246 | 12.097 | 12.069 | 12.138 | HH | 10424  | 350878 | 2.82% | 0.053% |

|     |        |        |        |    | rteres |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
| 247 | 12.161 | 12.138 | 12.184 | HH | 10437  | 234594  | 1.89% | 0.036% |
| 248 | 12.193 | 12.184 | 12.197 | HH | 8090   | 63404   | 0.51% | 0.010% |
| 249 | 12.220 | 12.197 | 12.235 | HH | 11229  | 224647  | 1.81% | 0.034% |
| 250 | 12.250 | 12.235 | 12.290 | HH | 42583  | 672570  | 5.41% | 0.102% |
|     |        |        |        |    |        |         |       |        |
| 251 | 12.295 | 12.290 | 12.319 | HH | 10963  | 176351  | 1.42% | 0.027% |
| 252 | 12.336 | 12.319 | 12.354 | HH | 13764  | 240546  | 1.94% | 0.037% |
| 253 | 12.372 | 12.354 | 12.401 | HH | 10710  | 281679  | 2.27% | 0.043% |
| 254 | 12.417 | 12.401 | 12.434 | HH | 10755  | 198599  | 1.60% | 0.030% |
| 255 | 12.437 | 12.434 | 12.460 | HH | 10072  | 150782  | 1.21% | 0.023% |
|     |        |        |        |    |        |         |       |        |
| 256 | 12.481 | 12.460 | 12.492 | HH | 11534  | 204875  | 1.65% | 0.031% |
| 257 | 12.497 | 12.492 | 12.515 | HH | 10769  | 138879  | 1.12% | 0.021% |
| 258 | 12.538 | 12.515 | 12.557 | HH | 11444  | 257819  | 2.07% | 0.039% |
| 259 | 12.592 | 12.557 | 12.612 | HH | 15915  | 405386  | 3.26% | 0.062% |
| 260 | 12.646 | 12.612 | 12.682 | HH | 22056  | 590997  | 4.76% | 0.090% |
|     |        |        |        |    |        |         |       |        |
| 261 | 12.709 | 12.682 | 12.749 | HH | 58957  | 982172  | 7.90% | 0.149% |
| 262 | 12.761 | 12.749 | 12.785 | HH | 11769  | 236851  | 1.91% | 0.036% |
| 263 | 12.813 | 12.785 | 12.824 | HH | 10615  | 243102  | 1.96% | 0.037% |
| 264 | 12.841 | 12.824 | 12.855 | HH | 11867  | 213631  | 1.72% | 0.032% |
| 265 | 12.862 | 12.855 | 12.882 | HH | 11430  | 179896  | 1.45% | 0.027% |
|     |        |        |        |    |        |         |       |        |
| 266 | 12.900 | 12.882 | 12.932 | HH | 13532  | 372893  | 3.00% | 0.057% |
| 267 | 12.947 | 12.932 | 12.958 | HH | 12476  | 187528  | 1.51% | 0.028% |
| 268 | 13.008 | 12.958 | 13.030 | HH | 56495  | 1065732 | 8.58% | 0.162% |
| 269 | 13.042 | 13.030 | 13.051 | HH | 14348  | 167611  | 1.35% | 0.025% |
| 270 | 13.067 | 13.051 | 13.082 | HH | 16908  | 293803  | 2.36% | 0.045% |
|     |        |        |        |    |        |         |       |        |
| 271 | 13.095 | 13.082 | 13.115 | HH | 17155  | 312648  | 2.52% | 0.048% |
| 272 | 13.134 | 13.115 | 13.161 | HH | 19780  | 438112  | 3.53% | 0.067% |
| 273 | 13.179 | 13.161 | 13.191 | HH | 15142  | 259160  | 2.09% | 0.039% |
| 274 | 13.204 | 13.191 | 13.232 | HH | 15113  | 345176  | 2.78% | 0.052% |
| 275 | 13.262 | 13.232 | 13.322 | HH | 21521  | 969757  | 7.80% | 0.147% |
|     |        |        |        |    |        |         |       |        |
| 276 | 13.339 | 13.322 | 13.374 | HH | 18103  | 508829  | 4.10% | 0.077% |
| 277 | 13.376 | 13.374 | 13.391 | HH | 14632  | 153359  | 1.23% | 0.023% |
| 278 | 13.404 | 13.391 | 13.419 | HH | 15581  | 246940  | 1.99% | 0.038% |
| 279 | 13.434 | 13.419 | 13.449 | HH | 16421  | 284727  | 2.29% | 0.043% |
| 280 | 13.468 | 13.449 | 13.476 | HH | 18378  | 288305  | 2.32% | 0.044% |
|     |        |        |        |    |        |         |       |        |
| 281 | 13.488 | 13.476 | 13.513 | HH | 25067  | 447154  | 3.60% | 0.068% |
| 282 | 13.517 | 13.513 | 13.555 | HH | 17261  | 420265  | 3.38% | 0.064% |
| 283 | 13.599 | 13.555 | 13.625 | HH | 23780  | 786374  | 6.33% | 0.119% |
| 284 | 13.645 | 13.625 | 13.658 | HH | 17819  | 348614  | 2.81% | 0.053% |
| 285 | 13.706 | 13.658 | 13.727 | HH | 21619  | 771552  | 6.21% | 0.117% |
|     |        |        |        |    |        |         |       |        |
| 286 | 13.747 | 13.727 | 13.767 | HH | 21503  | 468608  | 3.77% | 0.071% |
| 287 | 13.797 | 13.767 | 13.818 | HH | 20139  | 588878  | 4.74% | 0.089% |
| 288 | 13.848 | 13.818 | 13.866 | HH | 29420  | 668756  | 5.38% | 0.102% |
| 289 | 13.874 | 13.866 | 13.894 | HH | 24124  | 381865  | 3.07% | 0.058% |
| 290 | 13.916 | 13.894 | 13.949 | HH | 22703  | 670848  | 5.40% | 0.102% |
|     |        |        |        |    |        |         |       |        |
| 291 | 13.972 | 13.949 | 14.014 | HH | 21799  | 793314  | 6.38% | 0.121% |
| 292 | 14.032 | 14.014 | 14.037 | HH | 19873  | 271599  | 2.19% | 0.041% |
| 293 | 14.081 | 14.037 | 14.114 | HH | 23315  | 1005192 | 8.09% | 0.153% |
| 294 | 14.140 | 14.114 | 14.146 | HH | 21791  | 418746  | 3.37% | 0.064% |
| 295 | 14.153 | 14.146 | 14.169 | HH | 21731  | 285888  | 2.30% | 0.043% |
|     |        |        |        |    |        |         |       |        |
| 296 | 14.178 | 14.169 | 14.197 | HH | 21640  | 363698  | 2.93% | 0.055% |
| 297 | 14.212 | 14.197 | 14.222 | HH | 23185  | 341366  | 2.75% | 0.052% |
| 298 | 14.237 | 14.222 | 14.252 | HH | 24933  | 438788  | 3.53% | 0.067% |
| 299 | 14.269 | 14.252 | 14.286 | HH | 24676  | 485601  | 3.91% | 0.074% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 14.322 | 14.286 | 14.352 | HH | 31094  | 1072859 | 8.63%  | 0.163% |
| 301 | 14.367 | 14.352 | 14.388 | HH | 25781  | 536116  | 4.31%  | 0.081% |
| 302 | 14.412 | 14.388 | 14.434 | HH | 36142  | 818674  | 6.59%  | 0.124% |
| 303 | 14.441 | 14.434 | 14.450 | HH | 26853  | 264518  | 2.13%  | 0.040% |
| 304 | 14.475 | 14.450 | 14.491 | HH | 28775  | 672566  | 5.41%  | 0.102% |
| 305 | 14.514 | 14.491 | 14.531 | HH | 30664  | 699053  | 5.63%  | 0.106% |
| 306 | 14.540 | 14.531 | 14.559 | HH | 28651  | 470874  | 3.79%  | 0.072% |
| 307 | 14.579 | 14.559 | 14.599 | HH | 33260  | 709373  | 5.71%  | 0.108% |
| 308 | 14.634 | 14.599 | 14.660 | HH | 32888  | 1117754 | 9.00%  | 0.170% |
| 309 | 14.667 | 14.660 | 14.683 | HH | 29815  | 406655  | 3.27%  | 0.062% |
| 310 | 14.706 | 14.683 | 14.717 | HH | 31012  | 620755  | 5.00%  | 0.094% |
| 311 | 14.750 | 14.717 | 14.795 | HH | 119138 | 2595251 | 20.89% | 0.394% |
| 312 | 14.804 | 14.795 | 14.822 | HH | 30938  | 485827  | 3.91%  | 0.074% |
| 313 | 14.840 | 14.822 | 14.859 | HH | 33493  | 715002  | 5.75%  | 0.109% |
| 314 | 14.890 | 14.859 | 14.909 | HH | 54854  | 1230661 | 9.90%  | 0.187% |
| 315 | 14.931 | 14.909 | 14.947 | HH | 56744  | 1067960 | 8.59%  | 0.162% |
| 316 | 14.952 | 14.947 | 14.976 | HH | 45222  | 702490  | 5.65%  | 0.107% |
| 317 | 14.994 | 14.976 | 15.004 | HH | 34400  | 560367  | 4.51%  | 0.085% |
| 318 | 15.027 | 15.004 | 15.034 | HH | 36018  | 626986  | 5.05%  | 0.095% |
| 319 | 15.053 | 15.034 | 15.078 | HH | 39611  | 986275  | 7.94%  | 0.150% |
| 320 | 15.098 | 15.078 | 15.114 | HH | 38219  | 799859  | 6.44%  | 0.122% |
| 321 | 15.143 | 15.114 | 15.170 | HH | 38443  | 1265346 | 10.18% | 0.192% |
| 322 | 15.202 | 15.170 | 15.223 | HH | 41245  | 1249699 | 10.06% | 0.190% |
| 323 | 15.229 | 15.223 | 15.254 | HH | 39330  | 699671  | 5.63%  | 0.106% |
| 324 | 15.291 | 15.254 | 15.299 | HH | 38992  | 1046035 | 8.42%  | 0.159% |
| 325 | 15.332 | 15.299 | 15.370 | HH | 69769  | 2097563 | 16.88% | 0.319% |
| 326 | 15.389 | 15.370 | 15.400 | HH | 41707  | 749381  | 6.03%  | 0.114% |
| 327 | 15.405 | 15.400 | 15.422 | HH | 41062  | 522239  | 4.20%  | 0.079% |
| 328 | 15.429 | 15.422 | 15.435 | HH | 40402  | 323347  | 2.60%  | 0.049% |
| 329 | 15.475 | 15.435 | 15.511 | HH | 57247  | 2112575 | 17.00% | 0.321% |
| 330 | 15.527 | 15.511 | 15.544 | HH | 44619  | 857530  | 6.90%  | 0.130% |
| 331 | 15.566 | 15.544 | 15.586 | HH | 50555  | 1176709 | 9.47%  | 0.179% |
| 332 | 15.606 | 15.586 | 15.633 | HH | 46885  | 1270977 | 10.23% | 0.193% |
| 333 | 15.654 | 15.633 | 15.670 | HH | 45951  | 1002007 | 8.06%  | 0.152% |
| 334 | 15.676 | 15.670 | 15.682 | HH | 45532  | 329190  | 2.65%  | 0.050% |
| 335 | 15.732 | 15.682 | 15.757 | HH | 50625  | 2162410 | 17.40% | 0.329% |
| 336 | 15.804 | 15.757 | 15.830 | HH | 50118  | 2111037 | 16.99% | 0.321% |
| 337 | 15.855 | 15.830 | 15.863 | HH | 50557  | 968592  | 7.80%  | 0.147% |
| 338 | 15.872 | 15.863 | 15.883 | HH | 50454  | 609641  | 4.91%  | 0.093% |
| 339 | 15.903 | 15.883 | 15.914 | HH | 51641  | 939191  | 7.56%  | 0.143% |
| 340 | 15.925 | 15.914 | 15.943 | HH | 52237  | 894194  | 7.20%  | 0.136% |
| 341 | 15.979 | 15.943 | 16.000 | HH | 70048  | 2032217 | 16.36% | 0.309% |
| 342 | 16.008 | 16.000 | 16.059 | HH | 56502  | 1917830 | 15.43% | 0.291% |
| 343 | 16.102 | 16.059 | 16.113 | HH | 55203  | 1760392 | 14.17% | 0.267% |
| 344 | 16.171 | 16.113 | 16.197 | HH | 62207  | 2953781 | 23.77% | 0.449% |
| 345 | 16.202 | 16.197 | 16.225 | HH | 59274  | 970655  | 7.81%  | 0.147% |
| 346 | 16.241 | 16.225 | 16.248 | HH | 59834  | 837458  | 6.74%  | 0.127% |
| 347 | 16.285 | 16.248 | 16.308 | HH | 65724  | 2265974 | 18.24% | 0.344% |
| 348 | 16.350 | 16.308 | 16.364 | HH | 67531  | 2158761 | 17.37% | 0.328% |
| 349 | 16.377 | 16.364 | 16.397 | HH | 66907  | 1290131 | 10.38% | 0.196% |
| 350 | 16.457 | 16.397 | 16.507 | HH | 102796 | 4941887 | 39.77% | 0.751% |
| 351 | 16.513 | 16.507 | 16.519 | HH | 67219  | 491022  | 3.95%  | 0.075% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 352    | 16.586 | 16.519 | 16.606 | HH | 77680  | 3740654  | 30.10% | 0.568% |
| 353    | 16.636 | 16.606 | 16.657 | HH | 76378  | 2302966  | 18.53% | 0.350% |
| 354    | 16.684 | 16.657 | 16.689 | HH | 75985  | 1405783  | 11.31% | 0.214% |
| 355    | 16.711 | 16.689 | 16.722 | HH | 76380  | 1516523  | 12.20% | 0.230% |
| 356    | 16.736 | 16.722 | 16.742 | HH | 77911  | 915387   | 7.37%  | 0.139% |
| 357    | 16.776 | 16.742 | 16.806 | HH | 91930  | 3192004  | 25.69% | 0.485% |
| 358    | 16.834 | 16.806 | 16.873 | HH | 96396  | 3333993  | 26.83% | 0.507% |
| 359    | 16.932 | 16.873 | 16.954 | HH | 103406 | 4168065  | 33.54% | 0.633% |
| 360    | 16.960 | 16.954 | 16.980 | HH | 87835  | 1372397  | 11.04% | 0.209% |
| 361    | 16.994 | 16.980 | 17.014 | HH | 85834  | 1693327  | 13.63% | 0.257% |
| 362    | 17.092 | 17.014 | 17.105 | HH | 88994  | 4687693  | 37.73% | 0.712% |
| 363    | 17.154 | 17.105 | 17.158 | HH | 91112  | 2819072  | 22.69% | 0.428% |
| 364    | 17.163 | 17.158 | 17.165 | HH | 91732  | 390601   | 3.14%  | 0.059% |
| 365    | 17.187 | 17.165 | 17.196 | HH | 95953  | 1715255  | 13.80% | 0.261% |
| 366    | 17.200 | 17.196 | 17.210 | HH | 94850  | 800338   | 6.44%  | 0.122% |
| 367    | 17.216 | 17.210 | 17.218 | HH | 92879  | 474311   | 3.82%  | 0.072% |
| 368    | 17.225 | 17.218 | 17.230 | HH | 93149  | 662148   | 5.33%  | 0.101% |
| 369    | 17.257 | 17.230 | 17.274 | HH | 98542  | 2502717  | 20.14% | 0.380% |
| 370    | 17.279 | 17.274 | 17.286 | HH | 96516  | 688772   | 5.54%  | 0.105% |
| 371    | 17.298 | 17.286 | 17.319 | HH | 97080  | 1893715  | 15.24% | 0.288% |
| 372    | 17.331 | 17.319 | 17.342 | HH | 99725  | 1369420  | 11.02% | 0.208% |
| 373    | 17.383 | 17.342 | 17.406 | HH | 115848 | 4112268  | 33.10% | 0.625% |
| 374    | 17.422 | 17.406 | 17.450 | HH | 102956 | 2671256  | 21.50% | 0.406% |
| 375    | 17.466 | 17.450 | 17.477 | HH | 102430 | 1624648  | 13.08% | 0.247% |
| 376    | 17.502 | 17.477 | 17.537 | HH | 111328 | 3806933  | 30.64% | 0.578% |
| 377    | 17.563 | 17.537 | 17.582 | HH | 107502 | 2861969  | 23.03% | 0.435% |
| 378    | 17.591 | 17.582 | 17.602 | HH | 104963 | 1249944  | 10.06% | 0.190% |
| 379    | 17.621 | 17.602 | 17.639 | HH | 106551 | 2307680  | 18.57% | 0.351% |
| 380    | 17.668 | 17.639 | 17.688 | HH | 108598 | 3171350  | 25.52% | 0.482% |
| 381    | 17.745 | 17.688 | 17.754 | HH | 113634 | 4349127  | 35.00% | 0.661% |
| 382    | 17.768 | 17.754 | 17.772 | HH | 113762 | 1201379  | 9.67%  | 0.183% |
| 383    | 17.823 | 17.772 | 17.850 | HH | 140031 | 5785722  | 46.56% | 0.879% |
| 384    | 17.856 | 17.850 | 17.862 | HH | 115396 | 802338   | 6.46%  | 0.122% |
| 385    | 17.884 | 17.862 | 17.914 | HH | 118001 | 3642766  | 29.32% | 0.554% |
| 386    | 17.977 | 17.914 | 18.058 | HH | 150131 | 11067935 | 89.07% | 1.682% |
| 387    | 18.066 | 18.058 | 18.082 | HH | 124409 | 1775654  | 14.29% | 0.270% |
| 388    | 18.093 | 18.082 | 18.099 | HH | 125006 | 1289407  | 10.38% | 0.196% |
| 389    | 18.179 | 18.099 | 18.193 | HH | 140928 | 7373451  | 59.34% | 1.120% |
| 390    | 18.207 | 18.193 | 18.224 | HH | 142703 | 2570072  | 20.68% | 0.391% |
| 391    | 18.246 | 18.224 | 18.277 | HH | 147999 | 4283091  | 34.47% | 0.651% |
| 392    | 18.294 | 18.277 | 18.300 | HH | 129798 | 1763879  | 14.20% | 0.268% |
| 393    | 18.309 | 18.300 | 18.314 | HH | 130550 | 1088817  | 8.76%  | 0.165% |
| 394    | 18.345 | 18.314 | 18.365 | HH | 159754 | 4481970  | 36.07% | 0.681% |
| 395    | 18.381 | 18.365 | 18.407 | HH | 142483 | 3475897  | 27.97% | 0.528% |
| 396    | 18.413 | 18.407 | 18.423 | HH | 135835 | 1297437  | 10.44% | 0.197% |
| 397    | 18.435 | 18.423 | 18.439 | HH | 136016 | 1239718  | 9.98%  | 0.188% |
| 398    | 18.465 | 18.439 | 18.495 | HH | 152550 | 4828180  | 38.86% | 0.734% |
| 399    | 18.503 | 18.495 | 18.517 | HH | 140941 | 1845641  | 14.85% | 0.280% |
| 400    | 18.534 | 18.517 | 18.539 | HH | 140471 | 1839763  | 14.81% | 0.280% |
| 401    | 18.556 | 18.539 | 18.567 | HH | 142489 | 2351310  | 18.92% | 0.357% |
| 402    | 18.599 | 18.567 | 18.606 | HH | 147661 | 3334368  | 26.83% | 0.507% |
| 403    | 18.622 | 18.606 | 18.627 | HH | 148286 | 1851931  | 14.90% | 0.281% |
| 404    | 18.658 | 18.627 | 18.697 | HH | 167390 | 6503149  | 52.34% | 0.988% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    |        | rters    |        |        |
| 405 | 18.721 | 18.697 | 18.736 | HH | 148207 | 3444366  | 27.72% | 0.523% |
| 406 | 18.770 | 18.736 | 18.796 | HH | 168106 | 5621154  | 45.24% | 0.854% |
| 407 | 18.818 | 18.796 | 18.844 | HH | 167974 | 4708745  | 37.90% | 0.716% |
| 408 | 18.849 | 18.844 | 18.858 | HH | 161726 | 1326700  | 10.68% | 0.202% |
| 409 | 18.864 | 18.858 | 18.882 | HH | 160067 | 2300022  | 18.51% | 0.349% |
| 410 | 18.909 | 18.882 | 18.917 | HH | 167601 | 3448107  | 27.75% | 0.524% |
| 411 | 18.930 | 18.917 | 18.946 | HH | 170977 | 2924946  | 23.54% | 0.444% |
| 412 | 18.959 | 18.946 | 18.972 | HH | 168856 | 2554081  | 20.56% | 0.388% |
| 413 | 19.013 | 18.972 | 19.029 | HH | 182907 | 5925040  | 47.68% | 0.900% |
| 414 | 19.058 | 19.029 | 19.082 | HH | 187217 | 5706042  | 45.92% | 0.867% |
| 415 | 19.101 | 19.082 | 19.125 | HH | 177881 | 4478023  | 36.04% | 0.680% |
| 416 | 19.129 | 19.125 | 19.132 | HH | 170445 | 696445   | 5.60%  | 0.106% |
| 417 | 19.141 | 19.132 | 19.147 | HH | 172466 | 1527051  | 12.29% | 0.232% |
| 418 | 19.170 | 19.147 | 19.195 | HH | 184539 | 5244323  | 42.21% | 0.797% |
| 419 | 19.200 | 19.195 | 19.215 | HH | 182699 | 2169783  | 17.46% | 0.330% |
| 420 | 19.225 | 19.215 | 19.240 | HH | 183976 | 2713963  | 21.84% | 0.412% |
| 421 | 19.258 | 19.240 | 19.279 | HH | 185495 | 4215410  | 33.93% | 0.641% |
| 422 | 19.302 | 19.279 | 19.315 | HH | 190393 | 4098898  | 32.99% | 0.623% |
| 423 | 19.324 | 19.315 | 19.342 | HH | 187502 | 2979529  | 23.98% | 0.453% |
| 424 | 19.347 | 19.342 | 19.354 | HH | 181449 | 1249118  | 10.05% | 0.190% |
| 425 | 19.359 | 19.354 | 19.368 | HH | 181548 | 1550858  | 12.48% | 0.236% |
| 426 | 19.379 | 19.368 | 19.387 | HH | 182213 | 2054376  | 16.53% | 0.312% |
| 427 | 19.400 | 19.387 | 19.405 | HH | 184333 | 1968620  | 15.84% | 0.299% |
| 428 | 19.447 | 19.405 | 19.467 | HH | 197274 | 7071978  | 56.91% | 1.075% |
| 429 | 19.485 | 19.467 | 19.522 | HH | 196105 | 6255253  | 50.34% | 0.951% |
| 430 | 19.561 | 19.522 | 19.571 | HH | 199559 | 5708010  | 45.94% | 0.867% |
| 431 | 19.580 | 19.571 | 19.588 | HH | 200896 | 1955799  | 15.74% | 0.297% |
| 432 | 19.591 | 19.588 | 19.596 | HH | 196104 | 972743   | 7.83%  | 0.148% |
| 433 | 19.602 | 19.596 | 19.607 | HH | 198335 | 1262313  | 10.16% | 0.192% |
| 434 | 19.627 | 19.607 | 19.646 | HH | 203875 | 4758776  | 38.30% | 0.723% |
| 435 | 19.697 | 19.646 | 19.714 | HH | 207117 | 8177906  | 65.82% | 1.243% |
| 436 | 19.719 | 19.714 | 19.726 | HH | 207526 | 1507921  | 12.14% | 0.229% |
| 437 | 19.740 | 19.726 | 19.760 | HH | 211439 | 4241983  | 34.14% | 0.645% |
| 438 | 19.765 | 19.760 | 19.769 | HH | 206100 | 1117549  | 8.99%  | 0.170% |
| 439 | 19.792 | 19.769 | 19.804 | HH | 218816 | 4442309  | 35.75% | 0.675% |
| 440 | 19.820 | 19.804 | 19.854 | HH | 225983 | 6525238  | 52.51% | 0.992% |
| 441 | 19.877 | 19.854 | 19.890 | HH | 215587 | 4536860  | 36.51% | 0.689% |
| 442 | 19.906 | 19.890 | 19.917 | HH | 215363 | 3505591  | 28.21% | 0.533% |
| 443 | 19.934 | 19.917 | 19.939 | HH | 215803 | 2793051  | 22.48% | 0.424% |
| 444 | 19.998 | 19.939 | 20.019 | HH | 239624 | 10937912 | 88.03% | 1.662% |
| 445 | 20.054 | 20.019 | 20.070 | HH | 239458 | 7247148  | 58.32% | 1.101% |
| 446 | 20.077 | 20.070 | 20.091 | HH | 235791 | 2840568  | 22.86% | 0.432% |
| 447 | 20.104 | 20.091 | 20.132 | HH | 236347 | 5633732  | 45.34% | 0.856% |
| 448 | 20.152 | 20.132 | 20.160 | HH | 232045 | 3908995  | 31.46% | 0.594% |
| 449 | 20.189 | 20.160 | 20.195 | HH | 249740 | 4945819  | 39.80% | 0.752% |
| 450 | 20.197 | 20.195 | 20.210 | HH | 248273 | 2349486  | 18.91% | 0.357% |
| 451 | 20.269 | 20.210 | 20.274 | HH | 264084 | 9659474  | 77.74% | 1.468% |
| 452 | 20.279 | 20.274 | 20.287 | HH | 263102 | 2002446  | 16.12% | 0.304% |
| 453 | 20.295 | 20.287 | 20.322 | HH | 266731 | 5442565  | 43.80% | 0.827% |
| 454 | 20.329 | 20.322 | 20.337 | HH | 250803 | 2241842  | 18.04% | 0.341% |
| 455 | 20.349 | 20.337 | 20.400 | HH | 259556 | 9334609  | 75.12% | 1.418% |
| 456 | 20.430 | 20.400 | 20.438 | HH | 245187 | 5454342  | 43.90% | 0.829% |

| rteres |        |        |        |    |        |          |         |        |
|--------|--------|--------|--------|----|--------|----------|---------|--------|
| 457    | 20.467 | 20.438 | 20.471 | HH | 245859 | 4980913  | 40.09%  | 0.757% |
| 458    | 20.476 | 20.471 | 20.482 | HH | 246888 | 1480478  | 11.91%  | 0.225% |
| 459    | 20.493 | 20.482 | 20.509 | HH | 249485 | 4021436  | 32.36%  | 0.611% |
| 460    | 20.510 | 20.509 | 20.522 | HH | 244848 | 1944611  | 15.65%  | 0.295% |
| 461    | 20.553 | 20.522 | 20.582 | HH | 251107 | 8825337  | 71.03%  | 1.341% |
| 462    | 20.586 | 20.582 | 20.603 | HH | 236687 | 3024515  | 24.34%  | 0.460% |
| 463    | 20.621 | 20.603 | 20.640 | HH | 236844 | 5185222  | 41.73%  | 0.788% |
| 464    | 20.645 | 20.640 | 20.653 | HH | 230347 | 1703057  | 13.71%  | 0.259% |
| 465    | 20.678 | 20.653 | 20.690 | HH | 232626 | 5171007  | 41.62%  | 0.786% |
| 466    | 20.709 | 20.690 | 20.715 | HH | 233780 | 3453805  | 27.80%  | 0.525% |
| 467    | 20.742 | 20.715 | 20.749 | HH | 241149 | 4756581  | 38.28%  | 0.723% |
| 468    | 20.756 | 20.749 | 20.760 | HH | 242103 | 1618767  | 13.03%  | 0.246% |
| 469    | 20.766 | 20.760 | 20.772 | HH | 242958 | 1760599  | 14.17%  | 0.268% |
| 470    | 20.792 | 20.772 | 20.819 | HH | 248766 | 6965180  | 56.06%  | 1.058% |
| 471    | 20.825 | 20.819 | 20.857 | HH | 247946 | 5430891  | 43.71%  | 0.825% |
| 472    | 20.863 | 20.857 | 20.884 | HH | 237541 | 3762342  | 30.28%  | 0.572% |
| 473    | 20.890 | 20.884 | 20.924 | HH | 225577 | 5416234  | 43.59%  | 0.823% |
| 474    | 20.940 | 20.924 | 20.946 | HH | 226635 | 2897458  | 23.32%  | 0.440% |
| 475    | 20.951 | 20.946 | 20.954 | HH | 225685 | 1087681  | 8.75%   | 0.165% |
| 476    | 20.959 | 20.954 | 20.972 | HH | 226484 | 2515821  | 20.25%  | 0.382% |
| 477    | 20.977 | 20.972 | 20.992 | HH | 222066 | 2594579  | 20.88%  | 0.394% |
| 478    | 21.016 | 20.992 | 21.025 | HH | 222481 | 4374036  | 35.20%  | 0.665% |
| 479    | 21.042 | 21.025 | 21.050 | HH | 226917 | 3269143  | 26.31%  | 0.497% |
| 480    | 21.094 | 21.050 | 21.104 | HH | 235864 | 7505150  | 60.40%  | 1.140% |
| 481    | 21.118 | 21.104 | 21.170 | HH | 241290 | 9440812  | 75.98%  | 1.435% |
| 482    | 21.176 | 21.170 | 21.186 | HH | 231932 | 2133319  | 17.17%  | 0.324% |
| 483    | 21.197 | 21.186 | 21.233 | HH | 230420 | 6373360  | 51.29%  | 0.968% |
| 484    | 21.241 | 21.233 | 21.250 | HH | 219265 | 2309747  | 18.59%  | 0.351% |
| 485    | 21.261 | 21.250 | 21.276 | HH | 219344 | 3345391  | 26.92%  | 0.508% |
| 486    | 21.281 | 21.276 | 21.303 | HH | 217184 | 3437413  | 27.66%  | 0.522% |
| 487    | 21.315 | 21.303 | 21.318 | HH | 215769 | 1987642  | 16.00%  | 0.302% |
| 488    | 21.327 | 21.318 | 21.332 | HH | 218882 | 1761622  | 14.18%  | 0.268% |
| 489    | 21.336 | 21.332 | 21.355 | HH | 218710 | 3001238  | 24.15%  | 0.456% |
| 490    | 21.369 | 21.355 | 21.376 | HH | 219426 | 2694989  | 21.69%  | 0.410% |
| 491    | 21.405 | 21.376 | 21.424 | HH | 226724 | 6435002  | 51.79%  | 0.978% |
| 492    | 21.431 | 21.424 | 21.449 | HH | 216412 | 3253410  | 26.18%  | 0.494% |
| 493    | 21.458 | 21.449 | 21.475 | HH | 216609 | 3307850  | 26.62%  | 0.503% |
| 494    | 21.480 | 21.475 | 21.487 | HH | 212710 | 1497180  | 12.05%  | 0.228% |
| 495    | 21.495 | 21.487 | 21.503 | HH | 212823 | 2108718  | 16.97%  | 0.320% |
| 496    | 21.515 | 21.503 | 21.529 | HH | 214154 | 3231662  | 26.01%  | 0.491% |
| 497    | 21.542 | 21.529 | 21.628 | HH | 214736 | 12425588 | 100.00% | 1.888% |
| 498    | 21.633 | 21.628 | 21.645 | HH | 199592 | 1965850  | 15.82%  | 0.299% |
| 499    | 21.661 | 21.645 | 21.666 | HH | 202829 | 2524163  | 20.31%  | 0.384% |
| 500    | 21.673 | 21.666 | 21.693 | HH | 202935 | 3292988  | 26.50%  | 0.500% |
| 501    | 21.701 | 21.693 | 21.707 | HH | 202090 | 1669113  | 13.43%  | 0.254% |
| 502    | 21.719 | 21.707 | 21.726 | HH | 202801 | 2320975  | 18.68%  | 0.353% |
| 503    | 21.746 | 21.726 | 21.782 | HH | 206942 | 6712347  | 54.02%  | 1.020% |
| 504    | 21.802 | 21.782 | 21.811 | HH | 205230 | 3619896  | 29.13%  | 0.550% |
| 505    | 21.819 | 21.811 | 21.832 | HH | 204024 | 2567814  | 20.67%  | 0.390% |
| 506    | 21.842 | 21.832 | 21.853 | HH | 206309 | 2511634  | 20.21%  | 0.382% |
| 507    | 21.859 | 21.853 | 21.864 | HH | 204229 | 1332421  | 10.72%  | 0.202% |
| 508    | 21.873 | 21.864 | 21.878 | HH | 205368 | 1712461  | 13.78%  | 0.260% |
| 509    | 21.891 | 21.878 | 21.907 | HH | 210657 | 3650808  | 29.38%  | 0.555% |

|     |        |        |        |     |        |                         |        |           |
|-----|--------|--------|--------|-----|--------|-------------------------|--------|-----------|
|     |        |        |        |     |        | rteres                  |        |           |
| 510 | 21.913 | 21.907 | 21.941 | HH  | 206931 | 4237963                 | 34.11% | 0.644%    |
| 511 | 21.946 | 21.941 | 21.959 | HH  | 203524 | 2096268                 | 16.87% | 0.319%    |
| 512 | 21.964 | 21.959 | 21.979 | HH  | 200990 | 2417373                 | 19.45% | 0.367%    |
| 513 | 21.991 | 21.979 | 22.000 | HHA | 198549 | 2644046                 | 21.28% | 0.402%    |
|     |        |        |        |     |        | Sum of corrected areas: |        | 658098190 |

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