

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF121420\  
 Data File : FF007975.D  
 Signal(s) : FID2B.ch  
 Acq On : 14 Dec 2020 12:45  
 Sample : L5065-03  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF120220.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         | 2.324       | 2.300        | 2.345      | BH       | 1605           | 7914         | 0.15%          | 0.001%        |
| 2         | 2.352       | 2.345        | 2.388      | PH       | -274           | -9050        | -0.17%         | -0.002%       |
| 3         | 2.393       | 2.388        | 2.421      | PH       | -308           | -7742        | -0.14%         | -0.001%       |
| 4         | 2.426       | 2.421        | 2.439      | PH       | -433           | -4997        | -0.09%         | -0.001%       |
| 5         | 2.443       | 2.439        | 2.449      | PH       | -403           | -2798        | -0.05%         | -0.001%       |
| 6         | 2.459       | 2.449        | 2.464      | PH       | -417           | -4159        | -0.08%         | -0.001%       |
| 7         | 2.476       | 2.464        | 2.542      | PH       | 12070          | 111726       | 2.07%          | 0.021%        |
| 8         | 2.551       | 2.542        | 2.576      | PH       | -179           | -6560        | -0.12%         | -0.001%       |
| 9         | 2.600       | 2.576        | 2.613      | PH       | 419            | -1158        | -0.02%         | -0.000%       |
| 10        | 2.620       | 2.613        | 2.637      | PH       | -217           | -5713        | -0.11%         | -0.001%       |
| 11        | 2.660       | 2.637        | 2.670      | PH       | 226            | -8360        | -0.15%         | -0.002%       |
| 12        | 2.682       | 2.670        | 2.700      | PH       | -266           | -8256        | -0.15%         | -0.002%       |
| 13        | 2.709       | 2.700        | 2.733      | PH       | -445           | -11129       | -0.21%         | -0.002%       |
| 14        | 2.740       | 2.733        | 2.746      | PH       | -575           | -4928        | -0.09%         | -0.001%       |
| 15        | 2.752       | 2.746        | 2.757      | PH       | -595           | -3992        | -0.07%         | -0.001%       |
| 16        | 2.761       | 2.757        | 2.769      | PH       | -583           | -4657        | -0.09%         | -0.001%       |
| 17        | 2.787       | 2.769        | 2.857      | PH       | 2589           | -3104        | -0.06%         | -0.001%       |
| 18        | 2.879       | 2.857        | 2.913      | PH       | 3327           | 40030        | 0.74%          | 0.007%        |
| 19        | 2.918       | 2.913        | 2.959      | PH       | -172           | -11498       | -0.21%         | -0.002%       |
| 20        | 2.976       | 2.959        | 3.001      | PH       | 56             | -7177        | -0.13%         | -0.001%       |
| 21        | 3.006       | 3.001        | 3.009      | PH       | -509           | -2959        | -0.05%         | -0.001%       |
| 22        | 3.012       | 3.009        | 3.026      | PH       | -567           | -6481        | -0.12%         | -0.001%       |
| 23        | 3.057       | 3.026        | 3.090      | PH       | 1066           | 5862         | 0.11%          | 0.001%        |
| 24        | 3.104       | 3.090        | 3.132      | PH       | 1720           | 6888         | 0.13%          | 0.001%        |
| 25        | 3.173       | 3.132        | 3.190      | PH       | 220            | -7655        | -0.14%         | -0.001%       |
| 26        | 3.197       | 3.190        | 3.218      | PH       | -167           | -7459        | -0.14%         | -0.001%       |
| 27        | 3.238       | 3.218        | 3.273      | PH       | 1271           | 3469         | 0.06%          | 0.001%        |
| 28        | 3.282       | 3.273        | 3.289      | PH       | -250           | -3082        | -0.06%         | -0.001%       |
| 29        | 3.296       | 3.289        | 3.334      | PH       | -321           | -12734       | -0.24%         | -0.002%       |
| 30        | 3.352       | 3.334        | 3.432      | PH       | 3863           | 4491         | 0.08%          | 0.001%        |
| 31        | 3.455       | 3.432        | 3.470      | PH       | 2008           | 6687         | 0.12%          | 0.001%        |
| 32        | 3.478       | 3.470        | 3.494      | PH       | 26             | -4085        | -0.08%         | -0.001%       |
| 33        | 3.502       | 3.494        | 3.519      | PH       | -351           | -7828        | -0.15%         | -0.001%       |
| 34        | 3.531       | 3.519        | 3.540      | PH       | -360           | -6076        | -0.11%         | -0.001%       |
| 35        | 3.555       | 3.540        | 3.579      | PH       | -279           | -12335       | -0.23%         | -0.002%       |
| 36        | 3.595       | 3.579        | 3.603      | PH       | -666           | -10705       | -0.20%         | -0.002%       |

| rteres |       |       |       |    |       |        |        |         |
|--------|-------|-------|-------|----|-------|--------|--------|---------|
| 37     | 3.621 | 3.603 | 3.643 | PH | 656   | 814    | 0.02%  | 0.000%  |
| 38     | 3.657 | 3.643 | 3.703 | PH | 590   | 2583   | 0.05%  | 0.000%  |
| 39     | 3.727 | 3.703 | 3.748 | PH | 1881  | 11814  | 0.22%  | 0.002%  |
| 40     | 3.768 | 3.748 | 3.790 | PH | 4254  | 40257  | 0.75%  | 0.007%  |
| 41     | 3.799 | 3.790 | 3.816 | HH | 1132  | 7522   | 0.14%  | 0.001%  |
| 42     | 3.825 | 3.816 | 3.835 | PH | -161  | -3715  | -0.07% | -0.001% |
| 43     | 3.852 | 3.835 | 3.863 | PH | 3517  | 26586  | 0.49%  | 0.005%  |
| 44     | 3.872 | 3.863 | 3.889 | HH | 2820  | 23177  | 0.43%  | 0.004%  |
| 45     | 3.897 | 3.889 | 3.916 | HH | 565   | -59    | -0.00% | -0.000% |
| 46     | 3.937 | 3.916 | 3.992 | PH | 3315  | 23086  | 0.43%  | 0.004%  |
| 47     | 4.024 | 3.992 | 4.072 | PH | 48224 | 583515 | 10.82% | 0.108%  |
| 48     | 4.083 | 4.072 | 4.106 | HH | 2791  | 45089  | 0.84%  | 0.008%  |
| 49     | 4.120 | 4.106 | 4.147 | HH | 2797  | 33082  | 0.61%  | 0.006%  |
| 50     | 4.192 | 4.147 | 4.219 | HH | 22302 | 327634 | 6.07%  | 0.060%  |
| 51     | 4.230 | 4.219 | 4.243 | HH | 3454  | 42964  | 0.80%  | 0.008%  |
| 52     | 4.251 | 4.243 | 4.281 | HH | 2293  | 35114  | 0.65%  | 0.006%  |
| 53     | 4.289 | 4.281 | 4.310 | HH | 748   | 5938   | 0.11%  | 0.001%  |
| 54     | 4.354 | 4.310 | 4.369 | PH | 3580  | 49605  | 0.92%  | 0.009%  |
| 55     | 4.383 | 4.369 | 4.407 | HH | 3642  | 42048  | 0.78%  | 0.008%  |
| 56     | 4.426 | 4.407 | 4.449 | HH | 9423  | 93512  | 1.73%  | 0.017%  |
| 57     | 4.472 | 4.449 | 4.487 | HH | 5905  | 55893  | 1.04%  | 0.010%  |
| 58     | 4.500 | 4.487 | 4.515 | HH | 2230  | 24332  | 0.45%  | 0.004%  |
| 59     | 4.533 | 4.515 | 4.557 | HH | 7425  | 74011  | 1.37%  | 0.014%  |
| 60     | 4.578 | 4.557 | 4.612 | HH | 8008  | 106582 | 1.98%  | 0.020%  |
| 61     | 4.628 | 4.612 | 4.640 | HH | 4310  | 48721  | 0.90%  | 0.009%  |
| 62     | 4.651 | 4.640 | 4.665 | HH | 3460  | 43460  | 0.81%  | 0.008%  |
| 63     | 4.681 | 4.665 | 4.698 | HH | 10590 | 105237 | 1.95%  | 0.019%  |
| 64     | 4.711 | 4.698 | 4.722 | HH | 3985  | 38732  | 0.72%  | 0.007%  |
| 65     | 4.735 | 4.722 | 4.748 | HH | 3332  | 39620  | 0.73%  | 0.007%  |
| 66     | 4.759 | 4.748 | 4.768 | HH | 2794  | 25060  | 0.46%  | 0.005%  |
| 67     | 4.783 | 4.768 | 4.795 | HH | 7552  | 77703  | 1.44%  | 0.014%  |
| 68     | 4.807 | 4.795 | 4.823 | HH | 7085  | 83513  | 1.55%  | 0.015%  |
| 69     | 4.846 | 4.823 | 4.871 | HH | 11675 | 181025 | 3.36%  | 0.033%  |
| 70     | 4.900 | 4.871 | 4.926 | HH | 7927  | 136813 | 2.54%  | 0.025%  |
| 71     | 4.960 | 4.926 | 4.973 | HH | 5159  | 70302  | 1.30%  | 0.013%  |
| 72     | 4.979 | 4.973 | 5.006 | HH | 2722  | 41534  | 0.77%  | 0.008%  |
| 73     | 5.037 | 5.006 | 5.050 | HH | 6532  | 84144  | 1.56%  | 0.016%  |
| 74     | 5.071 | 5.050 | 5.097 | HH | 13805 | 226178 | 4.19%  | 0.042%  |
| 75     | 5.107 | 5.097 | 5.117 | HH | 7870  | 80191  | 1.49%  | 0.015%  |
| 76     | 5.123 | 5.117 | 5.134 | HH | 6395  | 54549  | 1.01%  | 0.010%  |
| 77     | 5.149 | 5.134 | 5.161 | HH | 17392 | 173068 | 3.21%  | 0.032%  |
| 78     | 5.169 | 5.161 | 5.190 | HH | 10664 | 121095 | 2.24%  | 0.022%  |
| 79     | 5.201 | 5.190 | 5.215 | HH | 4282  | 45561  | 0.84%  | 0.008%  |
| 80     | 5.236 | 5.215 | 5.248 | HH | 2674  | 45080  | 0.84%  | 0.008%  |
| 81     | 5.268 | 5.248 | 5.280 | HH | 5802  | 78215  | 1.45%  | 0.014%  |
| 82     | 5.287 | 5.280 | 5.299 | HH | 4340  | 42248  | 0.78%  | 0.008%  |
| 83     | 5.308 | 5.299 | 5.312 | HH | 3688  | 29088  | 0.54%  | 0.005%  |
| 84     | 5.357 | 5.312 | 5.374 | HH | 9705  | 230735 | 4.28%  | 0.043%  |
| 85     | 5.390 | 5.374 | 5.408 | HH | 4644  | 80835  | 1.50%  | 0.015%  |
| 86     | 5.418 | 5.408 | 5.442 | HH | 4404  | 65743  | 1.22%  | 0.012%  |
| 87     | 5.468 | 5.442 | 5.486 | HH | 28184 | 349876 | 6.48%  | 0.065%  |
| 88     | 5.502 | 5.486 | 5.519 | HH | 12699 | 185396 | 3.44%  | 0.034%  |
| 89     | 5.536 | 5.519 | 5.548 | HH | 6811  | 94760  | 1.76%  | 0.017%  |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    | rteres |         |        |        |
| 90  | 5.557 | 5.548 | 5.574 | HH | 5220   | 61499   | 1.14%  | 0.011% |
| 91  | 5.624 | 5.574 | 5.632 | HH | 5557   | 153437  | 2.84%  | 0.028% |
| 92  | 5.654 | 5.632 | 5.674 | HH | 21889  | 326867  | 6.06%  | 0.060% |
| 93  | 5.683 | 5.674 | 5.693 | HH | 8484   | 84572   | 1.57%  | 0.016% |
| 94  | 5.713 | 5.693 | 5.730 | HH | 8543   | 153391  | 2.84%  | 0.028% |
| 95  | 5.753 | 5.730 | 5.789 | HH | 25413  | 485165  | 8.99%  | 0.090% |
| 96  | 5.806 | 5.789 | 5.827 | HH | 20848  | 276021  | 5.12%  | 0.051% |
| 97  | 5.842 | 5.827 | 5.859 | HH | 11384  | 158251  | 2.93%  | 0.029% |
| 98  | 5.876 | 5.859 | 5.903 | HH | 10116  | 182437  | 3.38%  | 0.034% |
| 99  | 5.922 | 5.903 | 5.946 | HH | 13253  | 191176  | 3.54%  | 0.035% |
| 100 | 5.970 | 5.946 | 5.996 | HH | 13794  | 287064  | 5.32%  | 0.053% |
| 101 | 6.023 | 5.996 | 6.043 | HH | 32384  | 505805  | 9.38%  | 0.093% |
| 102 | 6.064 | 6.043 | 6.083 | HH | 19968  | 306937  | 5.69%  | 0.057% |
| 103 | 6.113 | 6.083 | 6.134 | HH | 12430  | 277708  | 5.15%  | 0.051% |
| 104 | 6.166 | 6.134 | 6.184 | HH | 24795  | 441250  | 8.18%  | 0.081% |
| 105 | 6.209 | 6.184 | 6.222 | HH | 11265  | 216016  | 4.00%  | 0.040% |
| 106 | 6.239 | 6.222 | 6.244 | HH | 10824  | 127401  | 2.36%  | 0.024% |
| 107 | 6.257 | 6.244 | 6.271 | HH | 13572  | 187926  | 3.48%  | 0.035% |
| 108 | 6.288 | 6.271 | 6.308 | HH | 12943  | 244424  | 4.53%  | 0.045% |
| 109 | 6.329 | 6.308 | 6.350 | HH | 19649  | 320092  | 5.93%  | 0.059% |
| 110 | 6.378 | 6.350 | 6.393 | HH | 13003  | 269699  | 5.00%  | 0.050% |
| 111 | 6.405 | 6.393 | 6.422 | HH | 13068  | 187952  | 3.48%  | 0.035% |
| 112 | 6.448 | 6.422 | 6.463 | HH | 26192  | 382228  | 7.08%  | 0.071% |
| 113 | 6.469 | 6.463 | 6.494 | HH | 12044  | 185830  | 3.44%  | 0.034% |
| 114 | 6.507 | 6.494 | 6.521 | HH | 9808   | 139815  | 2.59%  | 0.026% |
| 115 | 6.542 | 6.521 | 6.554 | HH | 14012  | 216423  | 4.01%  | 0.040% |
| 116 | 6.567 | 6.554 | 6.576 | HH | 13491  | 161210  | 2.99%  | 0.030% |
| 117 | 6.597 | 6.576 | 6.620 | HH | 56095  | 750937  | 13.92% | 0.139% |
| 118 | 6.639 | 6.620 | 6.659 | HH | 20619  | 397423  | 7.37%  | 0.073% |
| 119 | 6.668 | 6.659 | 6.691 | HH | 16038  | 237269  | 4.40%  | 0.044% |
| 120 | 6.725 | 6.691 | 6.747 | HH | 17931  | 433234  | 8.03%  | 0.080% |
| 121 | 6.773 | 6.747 | 6.795 | HH | 19492  | 414579  | 7.68%  | 0.077% |
| 122 | 6.828 | 6.795 | 6.838 | HH | 14695  | 343927  | 6.37%  | 0.064% |
| 123 | 6.851 | 6.838 | 6.872 | HH | 17631  | 287407  | 5.33%  | 0.053% |
| 124 | 6.910 | 6.872 | 6.930 | HH | 15916  | 441628  | 8.19%  | 0.082% |
| 125 | 6.950 | 6.930 | 6.960 | HH | 23739  | 337444  | 6.25%  | 0.062% |
| 126 | 6.966 | 6.960 | 6.989 | HH | 21876  | 317799  | 5.89%  | 0.059% |
| 127 | 7.008 | 6.989 | 7.034 | HH | 30201  | 529743  | 9.82%  | 0.098% |
| 128 | 7.080 | 7.034 | 7.096 | HH | 34381  | 786647  | 14.58% | 0.145% |
| 129 | 7.107 | 7.096 | 7.125 | HH | 23347  | 338512  | 6.27%  | 0.063% |
| 130 | 7.150 | 7.125 | 7.193 | HH | 73324  | 1321352 | 24.49% | 0.244% |
| 131 | 7.212 | 7.193 | 7.235 | HH | 31501  | 539225  | 9.99%  | 0.100% |
| 132 | 7.252 | 7.235 | 7.269 | HH | 22572  | 367771  | 6.82%  | 0.068% |
| 133 | 7.298 | 7.269 | 7.314 | HH | 16121  | 395222  | 7.33%  | 0.073% |
| 134 | 7.340 | 7.314 | 7.350 | HH | 19848  | 374789  | 6.95%  | 0.069% |
| 135 | 7.373 | 7.350 | 7.401 | HH | 37708  | 730626  | 13.54% | 0.135% |
| 136 | 7.422 | 7.401 | 7.437 | HH | 22078  | 417021  | 7.73%  | 0.077% |
| 137 | 7.463 | 7.437 | 7.480 | HH | 23301  | 536390  | 9.94%  | 0.099% |
| 138 | 7.498 | 7.480 | 7.520 | HH | 23635  | 526048  | 9.75%  | 0.097% |
| 139 | 7.546 | 7.520 | 7.574 | HH | 37461  | 845801  | 15.68% | 0.156% |
| 140 | 7.589 | 7.574 | 7.616 | HH | 19243  | 455881  | 8.45%  | 0.084% |
| 141 | 7.633 | 7.616 | 7.647 | HH | 22454  | 363674  | 6.74%  | 0.067% |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 142    | 7.666 | 7.647 | 7.677 | HH | 26034  | 420921  | 7.80%  | 0.078% |
| 143    | 7.684 | 7.677 | 7.693 | HH | 23708  | 230099  | 4.26%  | 0.042% |
| 144    | 7.713 | 7.693 | 7.743 | HH | 29930  | 728286  | 13.50% | 0.134% |
| 145    | 7.756 | 7.743 | 7.776 | HH | 22670  | 417000  | 7.73%  | 0.077% |
| 146    | 7.801 | 7.776 | 7.812 | HH | 29259  | 546012  | 10.12% | 0.101% |
| 147    | 7.830 | 7.812 | 7.843 | HH | 34089  | 596177  | 11.05% | 0.110% |
| 148    | 7.851 | 7.843 | 7.872 | HH | 31707  | 468898  | 8.69%  | 0.087% |
| 149    | 7.894 | 7.872 | 7.913 | HH | 31348  | 655021  | 12.14% | 0.121% |
| 150    | 7.944 | 7.913 | 7.962 | HH | 34433  | 889873  | 16.49% | 0.164% |
| 151    | 7.987 | 7.962 | 8.017 | HH | 49575  | 1232701 | 22.85% | 0.228% |
| 152    | 8.020 | 8.017 | 8.040 | HH | 27730  | 366186  | 6.79%  | 0.068% |
| 153    | 8.065 | 8.040 | 8.108 | HH | 108311 | 2076476 | 38.49% | 0.383% |
| 154    | 8.126 | 8.108 | 8.144 | HH | 39185  | 755958  | 14.01% | 0.140% |
| 155    | 8.177 | 8.144 | 8.191 | HH | 48169  | 1049162 | 19.45% | 0.194% |
| 156    | 8.205 | 8.191 | 8.224 | HH | 48578  | 828670  | 15.36% | 0.153% |
| 157    | 8.244 | 8.224 | 8.274 | HH | 64084  | 1351941 | 25.06% | 0.250% |
| 158    | 8.308 | 8.274 | 8.327 | HH | 79287  | 1634548 | 30.30% | 0.302% |
| 159    | 8.338 | 8.327 | 8.346 | HH | 44727  | 515529  | 9.56%  | 0.095% |
| 160    | 8.358 | 8.346 | 8.379 | HH | 45779  | 830403  | 15.39% | 0.153% |
| 161    | 8.409 | 8.379 | 8.449 | HH | 75683  | 2055326 | 38.10% | 0.380% |
| 162    | 8.455 | 8.449 | 8.477 | HH | 37022  | 606125  | 11.23% | 0.112% |
| 163    | 8.512 | 8.477 | 8.527 | HH | 45230  | 1199832 | 22.24% | 0.222% |
| 164    | 8.535 | 8.527 | 8.561 | HH | 41276  | 733662  | 13.60% | 0.135% |
| 165    | 8.575 | 8.561 | 8.583 | HH | 33669  | 431710  | 8.00%  | 0.080% |
| 166    | 8.604 | 8.583 | 8.616 | HH | 41120  | 742368  | 13.76% | 0.137% |
| 167    | 8.637 | 8.616 | 8.647 | HH | 54464  | 874664  | 16.21% | 0.162% |
| 168    | 8.655 | 8.647 | 8.685 | HH | 53749  | 1082298 | 20.06% | 0.200% |
| 169    | 8.704 | 8.685 | 8.726 | HH | 66704  | 1295409 | 24.01% | 0.239% |
| 170    | 8.745 | 8.726 | 8.755 | HH | 59329  | 916756  | 16.99% | 0.169% |
| 171    | 8.781 | 8.755 | 8.805 | HH | 140846 | 2476418 | 45.90% | 0.457% |
| 172    | 8.821 | 8.805 | 8.844 | HH | 43857  | 969450  | 17.97% | 0.179% |
| 173    | 8.864 | 8.844 | 8.883 | HH | 49348  | 1043731 | 19.35% | 0.193% |
| 174    | 8.899 | 8.883 | 8.913 | HH | 50460  | 847059  | 15.70% | 0.156% |
| 175    | 8.930 | 8.913 | 8.957 | HH | 61475  | 1329612 | 24.64% | 0.246% |
| 176    | 8.994 | 8.957 | 9.042 | HH | 54794  | 2357400 | 43.69% | 0.435% |
| 177    | 9.066 | 9.042 | 9.095 | HH | 80708  | 1819058 | 33.72% | 0.336% |
| 178    | 9.107 | 9.095 | 9.121 | HH | 47993  | 711068  | 13.18% | 0.131% |
| 179    | 9.153 | 9.121 | 9.174 | HH | 54364  | 1459368 | 27.05% | 0.269% |
| 180    | 9.194 | 9.174 | 9.210 | HH | 43045  | 907391  | 16.82% | 0.168% |
| 181    | 9.222 | 9.210 | 9.239 | HH | 45095  | 728308  | 13.50% | 0.134% |
| 182    | 9.256 | 9.239 | 9.266 | HH | 42866  | 664970  | 12.33% | 0.123% |
| 183    | 9.290 | 9.266 | 9.320 | HH | 44555  | 1366386 | 25.33% | 0.252% |
| 184    | 9.361 | 9.320 | 9.410 | HH | 50560  | 2368973 | 43.91% | 0.437% |
| 185    | 9.442 | 9.410 | 9.493 | HH | 73180  | 2593529 | 48.07% | 0.479% |
| 186    | 9.520 | 9.493 | 9.556 | HH | 60836  | 1948490 | 36.12% | 0.360% |
| 187    | 9.570 | 9.556 | 9.581 | HH | 47593  | 684729  | 12.69% | 0.126% |
| 188    | 9.601 | 9.581 | 9.647 | HH | 55613  | 1849293 | 34.28% | 0.341% |
| 189    | 9.662 | 9.647 | 9.707 | HH | 42423  | 1444638 | 26.78% | 0.267% |
| 190    | 9.725 | 9.707 | 9.739 | HH | 38964  | 724365  | 13.43% | 0.134% |
| 191    | 9.765 | 9.739 | 9.779 | HH | 45089  | 1001920 | 18.57% | 0.185% |
| 192    | 9.800 | 9.779 | 9.828 | HH | 48753  | 1360801 | 25.22% | 0.251% |
| 193    | 9.847 | 9.828 | 9.890 | HH | 71225  | 1907489 | 35.36% | 0.352% |
| 194    | 9.905 | 9.890 | 9.916 | HH | 45069  | 685851  | 12.71% | 0.127% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 9.927  | 9.916  | 9.940  | HH | 45369  | 633839  | 11.75% | 0.117% |
| 196 | 9.949  | 9.940  | 9.992  | HH | 45603  | 1292998 | 23.97% | 0.239% |
| 197 | 10.018 | 9.992  | 10.034 | HH | 40928  | 978058  | 18.13% | 0.181% |
| 198 | 10.050 | 10.034 | 10.063 | HH | 39823  | 675281  | 12.52% | 0.125% |
| 199 | 10.079 | 10.063 | 10.101 | HH | 40179  | 887569  | 16.45% | 0.164% |
| 200 | 10.122 | 10.101 | 10.140 | HH | 40492  | 891853  | 16.53% | 0.165% |
| 201 | 10.152 | 10.140 | 10.158 | HH | 38108  | 414577  | 7.68%  | 0.077% |
| 202 | 10.189 | 10.158 | 10.208 | HH | 42619  | 1200325 | 22.25% | 0.222% |
| 203 | 10.235 | 10.208 | 10.260 | HH | 86032  | 1836706 | 34.04% | 0.339% |
| 204 | 10.293 | 10.260 | 10.307 | HH | 44006  | 1191263 | 22.08% | 0.220% |
| 205 | 10.325 | 10.307 | 10.350 | HH | 49838  | 1139305 | 21.12% | 0.210% |
| 206 | 10.382 | 10.350 | 10.408 | HH | 48548  | 1498203 | 27.77% | 0.277% |
| 207 | 10.439 | 10.408 | 10.457 | HH | 44736  | 1190968 | 22.07% | 0.220% |
| 208 | 10.470 | 10.457 | 10.481 | HH | 41339  | 572732  | 10.62% | 0.106% |
| 209 | 10.508 | 10.481 | 10.554 | HH | 48267  | 1872046 | 34.70% | 0.346% |
| 210 | 10.585 | 10.554 | 10.603 | HH | 59286  | 1430704 | 26.52% | 0.264% |
| 211 | 10.611 | 10.603 | 10.625 | HH | 44386  | 569576  | 10.56% | 0.105% |
| 212 | 10.657 | 10.625 | 10.709 | HH | 111446 | 3040699 | 56.36% | 0.561% |
| 213 | 10.722 | 10.709 | 10.744 | HH | 43400  | 876455  | 16.25% | 0.162% |
| 214 | 10.747 | 10.744 | 10.768 | HH | 40671  | 569004  | 10.55% | 0.105% |
| 215 | 10.785 | 10.768 | 10.800 | HH | 39453  | 757506  | 14.04% | 0.140% |
| 216 | 10.848 | 10.800 | 10.891 | HH | 246436 | 4491087 | 83.24% | 0.829% |
| 217 | 10.924 | 10.891 | 10.953 | HH | 89345  | 2112087 | 39.15% | 0.390% |
| 218 | 10.977 | 10.953 | 11.006 | HH | 45947  | 1377818 | 25.54% | 0.254% |
| 219 | 11.010 | 11.006 | 11.027 | HH | 40424  | 487549  | 9.04%  | 0.090% |
| 220 | 11.039 | 11.027 | 11.046 | HH | 40095  | 455667  | 8.45%  | 0.084% |
| 221 | 11.062 | 11.046 | 11.080 | HH | 42359  | 841464  | 15.60% | 0.155% |
| 222 | 11.098 | 11.080 | 11.112 | HH | 40590  | 755912  | 14.01% | 0.140% |
| 223 | 11.117 | 11.112 | 11.127 | HH | 40457  | 358833  | 6.65%  | 0.066% |
| 224 | 11.150 | 11.127 | 11.178 | HH | 46036  | 1319378 | 24.45% | 0.244% |
| 225 | 11.193 | 11.178 | 11.205 | HH | 41368  | 664229  | 12.31% | 0.123% |
| 226 | 11.220 | 11.205 | 11.227 | HH | 41804  | 535766  | 9.93%  | 0.099% |
| 227 | 11.242 | 11.227 | 11.250 | HH | 42498  | 583815  | 10.82% | 0.108% |
| 228 | 11.256 | 11.250 | 11.260 | HH | 41829  | 239095  | 4.43%  | 0.044% |
| 229 | 11.289 | 11.260 | 11.309 | HH | 50964  | 1319819 | 24.46% | 0.244% |
| 230 | 11.318 | 11.309 | 11.331 | HH | 41022  | 521979  | 9.67%  | 0.096% |
| 231 | 11.342 | 11.331 | 11.347 | HH | 41274  | 399371  | 7.40%  | 0.074% |
| 232 | 11.380 | 11.347 | 11.409 | HH | 76345  | 2020828 | 37.46% | 0.373% |
| 233 | 11.445 | 11.409 | 11.464 | HH | 43283  | 1326097 | 24.58% | 0.245% |
| 234 | 11.502 | 11.464 | 11.518 | HH | 42440  | 1337591 | 24.79% | 0.247% |
| 235 | 11.553 | 11.518 | 11.564 | HH | 42909  | 1147588 | 21.27% | 0.212% |
| 236 | 11.582 | 11.564 | 11.624 | HH | 45754  | 1553183 | 28.79% | 0.287% |
| 237 | 11.653 | 11.624 | 11.668 | HH | 66908  | 1393849 | 25.84% | 0.257% |
| 238 | 11.684 | 11.668 | 11.721 | HH | 73783  | 1682411 | 31.18% | 0.311% |
| 239 | 11.766 | 11.721 | 11.785 | HH | 65764  | 1984905 | 36.79% | 0.367% |
| 240 | 11.801 | 11.785 | 11.815 | HH | 59087  | 957313  | 17.74% | 0.177% |
| 241 | 11.832 | 11.815 | 11.870 | HH | 66323  | 1697702 | 31.47% | 0.313% |
| 242 | 11.888 | 11.870 | 11.893 | HH | 40844  | 552148  | 10.23% | 0.102% |
| 243 | 11.913 | 11.893 | 11.916 | HH | 43760  | 590637  | 10.95% | 0.109% |
| 244 | 11.941 | 11.916 | 11.952 | HH | 49804  | 1011291 | 18.74% | 0.187% |
| 245 | 11.958 | 11.952 | 12.004 | HH | 49382  | 1363519 | 25.27% | 0.252% |
| 246 | 12.028 | 12.004 | 12.075 | HH | 50397  | 1940140 | 35.96% | 0.358% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 12.080 | 12.075 | 12.101 | HH | 43207  | 649770  | 12.04% | 0.120% |
| 248    | 12.123 | 12.101 | 12.146 | HH | 55251  | 1307516 | 24.23% | 0.241% |
| 249    | 12.188 | 12.146 | 12.198 | HH | 45136  | 1370752 | 25.41% | 0.253% |
| 250    | 12.215 | 12.198 | 12.250 | HH | 77150  | 1722358 | 31.92% | 0.318% |
| 251    | 12.270 | 12.250 | 12.290 | HH | 47345  | 1057811 | 19.61% | 0.195% |
| 252    | 12.299 | 12.290 | 12.313 | HH | 42929  | 580316  | 10.76% | 0.107% |
| 253    | 12.327 | 12.313 | 12.337 | HH | 42625  | 620710  | 11.50% | 0.115% |
| 254    | 12.351 | 12.337 | 12.355 | HH | 43530  | 455858  | 8.45%  | 0.084% |
| 255    | 12.371 | 12.355 | 12.389 | HH | 45432  | 910081  | 16.87% | 0.168% |
| 256    | 12.393 | 12.389 | 12.420 | HH | 44349  | 797838  | 14.79% | 0.147% |
| 257    | 12.446 | 12.420 | 12.492 | HH | 46813  | 1864513 | 34.56% | 0.344% |
| 258    | 12.522 | 12.492 | 12.535 | HH | 47859  | 1137846 | 21.09% | 0.210% |
| 259    | 12.555 | 12.535 | 12.574 | HH | 56162  | 1139738 | 21.13% | 0.210% |
| 260    | 12.599 | 12.574 | 12.644 | HH | 53922  | 2020497 | 37.45% | 0.373% |
| 261    | 12.673 | 12.644 | 12.708 | HH | 208385 | 3594719 | 66.63% | 0.664% |
| 262    | 12.714 | 12.708 | 12.737 | HH | 44110  | 730461  | 13.54% | 0.135% |
| 263    | 12.749 | 12.737 | 12.757 | HH | 41992  | 504756  | 9.36%  | 0.093% |
| 264    | 12.768 | 12.757 | 12.783 | HH | 41681  | 639179  | 11.85% | 0.118% |
| 265    | 12.805 | 12.783 | 12.810 | HH | 41623  | 647397  | 12.00% | 0.120% |
| 266    | 12.828 | 12.810 | 12.845 | HH | 45736  | 905169  | 16.78% | 0.167% |
| 267    | 12.860 | 12.845 | 12.874 | HH | 47540  | 806812  | 14.95% | 0.149% |
| 268    | 12.888 | 12.874 | 12.920 | HH | 45236  | 1197112 | 22.19% | 0.221% |
| 269    | 12.934 | 12.920 | 12.947 | HH | 44542  | 684218  | 12.68% | 0.126% |
| 270    | 12.972 | 12.947 | 13.013 | HH | 184304 | 3382100 | 62.69% | 0.625% |
| 271    | 13.027 | 13.013 | 13.044 | HH | 54242  | 911515  | 16.89% | 0.168% |
| 272    | 13.060 | 13.044 | 13.081 | HH | 54679  | 1073659 | 19.90% | 0.198% |
| 273    | 13.099 | 13.081 | 13.127 | HH | 42974  | 1150095 | 21.32% | 0.212% |
| 274    | 13.149 | 13.127 | 13.167 | HH | 45654  | 1028040 | 19.05% | 0.190% |
| 275    | 13.183 | 13.167 | 13.198 | HH | 43930  | 781143  | 14.48% | 0.144% |
| 276    | 13.215 | 13.198 | 13.230 | HH | 46606  | 850093  | 15.76% | 0.157% |
| 277    | 13.244 | 13.230 | 13.281 | HH | 47306  | 1350430 | 25.03% | 0.249% |
| 278    | 13.303 | 13.281 | 13.347 | HH | 43474  | 1635665 | 30.32% | 0.302% |
| 279    | 13.377 | 13.347 | 13.405 | HH | 43917  | 1440920 | 26.71% | 0.266% |
| 280    | 13.436 | 13.405 | 13.472 | HH | 51561  | 1823580 | 33.80% | 0.337% |
| 281    | 13.481 | 13.472 | 13.512 | HH | 41494  | 977188  | 18.11% | 0.180% |
| 282    | 13.562 | 13.512 | 13.604 | HH | 65050  | 2635355 | 48.85% | 0.487% |
| 283    | 13.631 | 13.604 | 13.647 | HH | 43649  | 1074945 | 19.92% | 0.198% |
| 284    | 13.670 | 13.647 | 13.690 | HH | 56752  | 1262034 | 23.39% | 0.233% |
| 285    | 13.710 | 13.690 | 13.737 | HH | 53406  | 1317712 | 24.42% | 0.243% |
| 286    | 13.752 | 13.737 | 13.770 | HH | 45015  | 857211  | 15.89% | 0.158% |
| 287    | 13.802 | 13.770 | 13.822 | HH | 54794  | 1461536 | 27.09% | 0.270% |
| 288    | 13.840 | 13.822 | 13.866 | HH | 52406  | 1266713 | 23.48% | 0.234% |
| 289    | 13.884 | 13.866 | 13.916 | HH | 50660  | 1356489 | 25.14% | 0.250% |
| 290    | 13.921 | 13.916 | 13.931 | HH | 41201  | 353714  | 6.56%  | 0.065% |
| 291    | 13.956 | 13.931 | 13.961 | HH | 43077  | 756543  | 14.02% | 0.140% |
| 292    | 13.964 | 13.961 | 13.990 | HH | 42794  | 730265  | 13.54% | 0.135% |
| 293    | 14.024 | 13.990 | 14.063 | HH | 46267  | 1926766 | 35.71% | 0.356% |
| 294    | 14.070 | 14.063 | 14.091 | HH | 42358  | 688241  | 12.76% | 0.127% |
| 295    | 14.099 | 14.091 | 14.116 | HH | 42378  | 641945  | 11.90% | 0.119% |
| 296    | 14.128 | 14.116 | 14.137 | HH | 41945  | 532551  | 9.87%  | 0.098% |
| 297    | 14.163 | 14.137 | 14.178 | HH | 43647  | 1044202 | 19.35% | 0.193% |
| 298    | 14.199 | 14.178 | 14.221 | HH | 45307  | 1138535 | 21.10% | 0.210% |
| 299    | 14.275 | 14.221 | 14.293 | HH | 49859  | 2007135 | 37.20% | 0.371% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 14.311 | 14.293 | 14.339 | HH | 51957  | 1299565 | 24.09% | 0.240% |
| 301 | 14.367 | 14.339 | 14.413 | HH | 57497  | 2177087 | 40.35% | 0.402% |
| 302 | 14.429 | 14.413 | 14.456 | HH | 49105  | 1181562 | 21.90% | 0.218% |
| 303 | 14.483 | 14.456 | 14.519 | HH | 55449  | 1873952 | 34.73% | 0.346% |
| 304 | 14.543 | 14.519 | 14.580 | HH | 61399  | 1907760 | 35.36% | 0.352% |
| 305 | 14.593 | 14.580 | 14.601 | HH | 50539  | 610055  | 11.31% | 0.113% |
| 306 | 14.617 | 14.601 | 14.651 | HH | 54899  | 1513533 | 28.05% | 0.279% |
| 307 | 14.660 | 14.651 | 14.672 | HH | 46889  | 598530  | 11.09% | 0.111% |
| 308 | 14.705 | 14.672 | 14.779 | HH | 195618 | 5020219 | 93.05% | 0.927% |
| 309 | 14.810 | 14.779 | 14.830 | HH | 50666  | 1468674 | 27.22% | 0.271% |
| 310 | 14.857 | 14.830 | 14.878 | HH | 117009 | 2271650 | 42.11% | 0.419% |
| 311 | 14.899 | 14.878 | 14.940 | HH | 122890 | 2772145 | 51.38% | 0.512% |
| 312 | 14.956 | 14.940 | 14.972 | HH | 51429  | 970533  | 17.99% | 0.179% |
| 313 | 14.976 | 14.972 | 14.996 | HH | 48965  | 705734  | 13.08% | 0.130% |
| 314 | 15.019 | 14.996 | 15.037 | HH | 58466  | 1330708 | 24.66% | 0.246% |
| 315 | 15.042 | 15.037 | 15.077 | HH | 53739  | 1219220 | 22.60% | 0.225% |
| 316 | 15.112 | 15.077 | 15.135 | HH | 52973  | 1747986 | 32.40% | 0.323% |
| 317 | 15.170 | 15.135 | 15.189 | HH | 54782  | 1679351 | 31.13% | 0.310% |
| 318 | 15.208 | 15.189 | 15.231 | HH | 53691  | 1298376 | 24.07% | 0.240% |
| 319 | 15.241 | 15.231 | 15.265 | HH | 52663  | 1077221 | 19.97% | 0.199% |
| 320 | 15.291 | 15.265 | 15.337 | HH | 104430 | 3037474 | 56.30% | 0.561% |
| 321 | 15.345 | 15.337 | 15.382 | HH | 55541  | 1450851 | 26.89% | 0.268% |
| 322 | 15.429 | 15.382 | 15.465 | HH | 65349  | 2809833 | 52.08% | 0.519% |
| 323 | 15.501 | 15.465 | 15.513 | HH | 58399  | 1632477 | 30.26% | 0.301% |
| 324 | 15.533 | 15.513 | 15.556 | HH | 71033  | 1565617 | 29.02% | 0.289% |
| 325 | 15.573 | 15.556 | 15.598 | HH | 61413  | 1469335 | 27.23% | 0.271% |
| 326 | 15.620 | 15.598 | 15.641 | HH | 59058  | 1452014 | 26.91% | 0.268% |
| 327 | 15.697 | 15.641 | 15.734 | HH | 65204  | 3391600 | 62.86% | 0.626% |
| 328 | 15.740 | 15.734 | 15.749 | HH | 60192  | 524079  | 9.71%  | 0.097% |
| 329 | 15.769 | 15.749 | 15.785 | HH | 61829  | 1309463 | 24.27% | 0.242% |
| 330 | 15.816 | 15.785 | 15.837 | HH | 58758  | 1777178 | 32.94% | 0.328% |
| 331 | 15.856 | 15.837 | 15.861 | HH | 59638  | 836622  | 15.51% | 0.154% |
| 332 | 15.863 | 15.861 | 15.881 | HH | 58881  | 666349  | 12.35% | 0.123% |
| 333 | 15.886 | 15.881 | 15.893 | HH | 56851  | 435176  | 8.07%  | 0.080% |
| 334 | 15.930 | 15.893 | 15.954 | HH | 71235  | 2288963 | 42.43% | 0.423% |
| 335 | 15.967 | 15.954 | 15.974 | HH | 61204  | 712510  | 13.21% | 0.132% |
| 336 | 15.977 | 15.974 | 16.006 | HH | 60830  | 1147127 | 21.26% | 0.212% |
| 337 | 16.010 | 16.006 | 16.015 | HH | 58036  | 326284  | 6.05%  | 0.060% |
| 338 | 16.033 | 16.015 | 16.047 | HH | 58516  | 1106460 | 20.51% | 0.204% |
| 339 | 16.062 | 16.047 | 16.070 | HH | 60178  | 788967  | 14.62% | 0.146% |
| 340 | 16.089 | 16.070 | 16.098 | HH | 60914  | 1010766 | 18.73% | 0.187% |
| 341 | 16.134 | 16.098 | 16.154 | HH | 66937  | 2156206 | 39.97% | 0.398% |
| 342 | 16.158 | 16.154 | 16.184 | HH | 63165  | 1118057 | 20.72% | 0.206% |
| 343 | 16.233 | 16.184 | 16.265 | HH | 68667  | 3155025 | 58.48% | 0.583% |
| 344 | 16.306 | 16.265 | 16.354 | HH | 76517  | 3689400 | 68.38% | 0.681% |
| 345 | 16.373 | 16.354 | 16.395 | HH | 67000  | 1624629 | 30.11% | 0.300% |
| 346 | 16.424 | 16.395 | 16.443 | HH | 142305 | 2950020 | 54.68% | 0.545% |
| 347 | 16.452 | 16.443 | 16.486 | HH | 93817  | 1990006 | 36.88% | 0.367% |
| 348 | 16.495 | 16.486 | 16.501 | HH | 68081  | 633963  | 11.75% | 0.117% |
| 349 | 16.506 | 16.501 | 16.511 | HH | 67908  | 392556  | 7.28%  | 0.072% |
| 350 | 16.517 | 16.511 | 16.524 | HH | 67777  | 525234  | 9.74%  | 0.097% |
| 351 | 16.552 | 16.524 | 16.582 | HH | 98589  | 2826091 | 52.38% | 0.522% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 352    | 16.587 | 16.582 | 16.605 | HH | 72421  | 969630  | 17.97% | 0.179% |
| 353    | 16.621 | 16.605 | 16.632 | HH | 71442  | 1146075 | 21.24% | 0.212% |
| 354    | 16.646 | 16.632 | 16.664 | HH | 70936  | 1332814 | 24.70% | 0.246% |
| 355    | 16.681 | 16.664 | 16.685 | HH | 73486  | 922760  | 17.10% | 0.170% |
| 356    | 16.714 | 16.685 | 16.722 | HH | 77840  | 1649606 | 30.58% | 0.305% |
| 357    | 16.746 | 16.722 | 16.779 | HH | 119685 | 3054802 | 56.62% | 0.564% |
| 358    | 16.806 | 16.779 | 16.841 | HH | 127377 | 3365570 | 62.38% | 0.621% |
| 359    | 16.884 | 16.841 | 16.893 | HH | 84079  | 2388508 | 44.27% | 0.441% |
| 360    | 16.911 | 16.893 | 16.939 | HH | 97122  | 2324645 | 43.09% | 0.429% |
| 361    | 16.962 | 16.939 | 16.994 | HH | 84144  | 2587316 | 47.96% | 0.478% |
| 362    | 17.010 | 16.994 | 17.017 | HH | 76362  | 1044866 | 19.37% | 0.193% |
| 363    | 17.023 | 17.017 | 17.037 | HH | 75546  | 881451  | 16.34% | 0.163% |
| 364    | 17.049 | 17.037 | 17.053 | HH | 77158  | 737496  | 13.67% | 0.136% |
| 365    | 17.068 | 17.053 | 17.074 | HH | 79357  | 968672  | 17.95% | 0.179% |
| 366    | 17.077 | 17.074 | 17.087 | HH | 78190  | 620135  | 11.49% | 0.115% |
| 367    | 17.114 | 17.087 | 17.123 | HH | 82429  | 1707632 | 31.65% | 0.315% |
| 368    | 17.131 | 17.123 | 17.156 | HH | 81824  | 1586990 | 29.41% | 0.293% |
| 369    | 17.171 | 17.156 | 17.184 | HH | 82503  | 1336663 | 24.78% | 0.247% |
| 370    | 17.203 | 17.184 | 17.230 | HH | 82317  | 2249300 | 41.69% | 0.415% |
| 371    | 17.258 | 17.230 | 17.292 | HH | 92632  | 3120092 | 57.83% | 0.576% |
| 372    | 17.336 | 17.292 | 17.359 | HH | 94294  | 3409233 | 63.19% | 0.630% |
| 373    | 17.368 | 17.359 | 17.382 | HH | 78497  | 1071389 | 19.86% | 0.198% |
| 374    | 17.392 | 17.382 | 17.407 | HH | 78557  | 1149430 | 21.30% | 0.212% |
| 375    | 17.423 | 17.407 | 17.440 | HH | 81163  | 1577740 | 29.24% | 0.291% |
| 376    | 17.463 | 17.440 | 17.497 | HH | 87382  | 2798776 | 51.88% | 0.517% |
| 377    | 17.508 | 17.497 | 17.527 | HH | 79784  | 1401761 | 25.98% | 0.259% |
| 378    | 17.532 | 17.527 | 17.542 | HH | 76066  | 675106  | 12.51% | 0.125% |
| 379    | 17.546 | 17.542 | 17.550 | HH | 76481  | 346444  | 6.42%  | 0.064% |
| 380    | 17.555 | 17.550 | 17.562 | HH | 77190  | 572718  | 10.62% | 0.106% |
| 381    | 17.565 | 17.562 | 17.580 | HH | 76123  | 830541  | 15.39% | 0.153% |
| 382    | 17.594 | 17.580 | 17.604 | HH | 76623  | 1064366 | 19.73% | 0.197% |
| 383    | 17.619 | 17.604 | 17.639 | HH | 78203  | 1614564 | 29.93% | 0.298% |
| 384    | 17.644 | 17.639 | 17.660 | HH | 76711  | 945436  | 17.52% | 0.175% |
| 385    | 17.680 | 17.660 | 17.699 | HH | 81244  | 1833051 | 33.98% | 0.338% |
| 386    | 17.712 | 17.699 | 17.722 | HH | 78164  | 1064870 | 19.74% | 0.197% |
| 387    | 17.727 | 17.722 | 17.732 | HH | 78726  | 500894  | 9.28%  | 0.092% |
| 388    | 17.776 | 17.732 | 17.798 | HH | 91690  | 3314898 | 61.44% | 0.612% |
| 389    | 17.810 | 17.798 | 17.834 | HH | 78849  | 1635907 | 30.32% | 0.302% |
| 390    | 17.864 | 17.834 | 17.885 | HH | 87200  | 2510085 | 46.52% | 0.463% |
| 391    | 17.900 | 17.885 | 17.905 | HH | 82696  | 1003269 | 18.60% | 0.185% |
| 392    | 17.925 | 17.905 | 17.942 | HH | 90658  | 1894071 | 35.11% | 0.350% |
| 393    | 17.957 | 17.942 | 17.995 | HH | 87203  | 2673842 | 49.56% | 0.494% |
| 394    | 18.014 | 17.995 | 18.030 | HH | 81679  | 1683897 | 31.21% | 0.311% |
| 395    | 18.037 | 18.030 | 18.054 | HH | 79244  | 1121030 | 20.78% | 0.207% |
| 396    | 18.061 | 18.054 | 18.067 | HH | 78282  | 618143  | 11.46% | 0.114% |
| 397    | 18.092 | 18.067 | 18.109 | HH | 92788  | 2110362 | 39.12% | 0.390% |
| 398    | 18.136 | 18.109 | 18.162 | HH | 105501 | 3011272 | 55.81% | 0.556% |
| 399    | 18.188 | 18.162 | 18.219 | HH | 125664 | 3465096 | 64.23% | 0.640% |
| 400    | 18.227 | 18.219 | 18.253 | HH | 84859  | 1678209 | 31.11% | 0.310% |
| 401    | 18.267 | 18.253 | 18.275 | HH | 83251  | 1064290 | 19.73% | 0.197% |
| 402    | 18.294 | 18.275 | 18.307 | HH | 91683  | 1657530 | 30.72% | 0.306% |
| 403    | 18.315 | 18.307 | 18.336 | HH | 90403  | 1511176 | 28.01% | 0.279% |
| 404    | 18.350 | 18.336 | 18.404 | HH | 87082  | 3340471 | 61.92% | 0.617% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 405 | 18.441 | 18.404 | 18.482 | HH | 119877 | 4141942 | 76.77%  | 0.765% |
| 406 | 18.488 | 18.482 | 18.494 | HH | 78543  | 555710  | 10.30%  | 0.103% |
| 407 | 18.500 | 18.494 | 18.507 | HH | 79300  | 623030  | 11.55%  | 0.115% |
| 408 | 18.527 | 18.507 | 18.542 | HH | 80001  | 1653560 | 30.65%  | 0.305% |
| 409 | 18.588 | 18.542 | 18.594 | HH | 90086  | 2642358 | 48.98%  | 0.488% |
| 410 | 18.602 | 18.594 | 18.650 | HH | 90413  | 2727334 | 50.55%  | 0.504% |
| 411 | 18.658 | 18.650 | 18.662 | HH | 77261  | 571989  | 10.60%  | 0.106% |
| 412 | 18.669 | 18.662 | 18.674 | HH | 77380  | 559963  | 10.38%  | 0.103% |
| 413 | 18.680 | 18.674 | 18.685 | HH | 76833  | 479262  | 8.88%   | 0.088% |
| 414 | 18.712 | 18.685 | 18.739 | HH | 91494  | 2744078 | 50.86%  | 0.507% |
| 415 | 18.769 | 18.739 | 18.814 | HH | 84932  | 3635471 | 67.38%  | 0.671% |
| 416 | 18.834 | 18.814 | 18.844 | HH | 78396  | 1406330 | 26.07%  | 0.260% |
| 417 | 18.870 | 18.844 | 18.907 | HH | 81506  | 3032132 | 56.20%  | 0.560% |
| 418 | 18.911 | 18.907 | 18.918 | HH | 79543  | 506696  | 9.39%   | 0.094% |
| 419 | 18.969 | 18.918 | 18.996 | HH | 114037 | 4337282 | 80.39%  | 0.801% |
| 420 | 19.013 | 18.996 | 19.075 | HH | 92214  | 4085122 | 75.72%  | 0.754% |
| 421 | 19.081 | 19.075 | 19.086 | HH | 79382  | 519806  | 9.63%   | 0.096% |
| 422 | 19.149 | 19.086 | 19.182 | HH | 90182  | 4800621 | 88.98%  | 0.886% |
| 423 | 19.186 | 19.182 | 19.202 | HH | 79200  | 936999  | 17.37%  | 0.173% |
| 424 | 19.210 | 19.202 | 19.221 | HH | 79669  | 911297  | 16.89%  | 0.168% |
| 425 | 19.225 | 19.221 | 19.233 | HH | 78573  | 539128  | 9.99%   | 0.100% |
| 426 | 19.256 | 19.233 | 19.287 | HH | 84650  | 2646836 | 49.06%  | 0.489% |
| 427 | 19.306 | 19.287 | 19.339 | HH | 81649  | 2462238 | 45.64%  | 0.455% |
| 428 | 19.344 | 19.339 | 19.351 | HH | 76362  | 527500  | 9.78%   | 0.097% |
| 429 | 19.374 | 19.351 | 19.378 | HH | 78736  | 1278450 | 23.70%  | 0.236% |
| 430 | 19.396 | 19.378 | 19.405 | HH | 81755  | 1276360 | 23.66%  | 0.236% |
| 431 | 19.426 | 19.405 | 19.447 | HH | 82970  | 2043427 | 37.88%  | 0.377% |
| 432 | 19.465 | 19.447 | 19.482 | HH | 87491  | 1790601 | 33.19%  | 0.331% |
| 433 | 19.498 | 19.482 | 19.501 | HH | 83229  | 921958  | 17.09%  | 0.170% |
| 434 | 19.507 | 19.501 | 19.521 | HH | 83956  | 977713  | 18.12%  | 0.181% |
| 435 | 19.526 | 19.521 | 19.538 | HH | 81817  | 834727  | 15.47%  | 0.154% |
| 436 | 19.602 | 19.538 | 19.640 | HH | 95053  | 5188662 | 96.17%  | 0.958% |
| 437 | 19.672 | 19.640 | 19.709 | HH | 102066 | 3695853 | 68.50%  | 0.682% |
| 438 | 19.750 | 19.709 | 19.792 | HH | 107737 | 4581856 | 84.92%  | 0.846% |
| 439 | 19.806 | 19.792 | 19.838 | HH | 85418  | 2281662 | 42.29%  | 0.421% |
| 440 | 19.842 | 19.838 | 19.851 | HH | 80284  | 629900  | 11.68%  | 0.116% |
| 441 | 19.886 | 19.851 | 19.895 | HH | 83179  | 2128423 | 39.45%  | 0.393% |
| 442 | 19.900 | 19.895 | 19.917 | HH | 82501  | 1107568 | 20.53%  | 0.205% |
| 443 | 19.928 | 19.917 | 19.934 | HH | 82260  | 807450  | 14.97%  | 0.149% |
| 444 | 19.986 | 19.934 | 20.034 | HH | 104636 | 5395181 | 100.00% | 0.996% |
| 445 | 20.052 | 20.034 | 20.071 | HH | 89734  | 1937868 | 35.92%  | 0.358% |
| 446 | 20.090 | 20.071 | 20.108 | HH | 88568  | 1925753 | 35.69%  | 0.356% |
| 447 | 20.130 | 20.108 | 20.156 | HH | 86121  | 2420101 | 44.86%  | 0.447% |
| 448 | 20.172 | 20.156 | 20.178 | HH | 85037  | 1106669 | 20.51%  | 0.204% |
| 449 | 20.181 | 20.178 | 20.202 | HH | 84630  | 1230232 | 22.80%  | 0.227% |
| 450 | 20.211 | 20.202 | 20.224 | HH | 84104  | 1075466 | 19.93%  | 0.199% |
| 451 | 20.231 | 20.224 | 20.237 | HH | 83227  | 634050  | 11.75%  | 0.117% |
| 452 | 20.264 | 20.237 | 20.273 | HH | 86000  | 1824379 | 33.81%  | 0.337% |
| 453 | 20.304 | 20.273 | 20.336 | HH | 91740  | 3319483 | 61.53%  | 0.613% |
| 454 | 20.341 | 20.336 | 20.357 | HH | 85510  | 1082159 | 20.06%  | 0.200% |
| 455 | 20.360 | 20.357 | 20.366 | HH | 85295  | 462066  | 8.56%   | 0.085% |
| 456 | 20.372 | 20.366 | 20.389 | HH | 84204  | 1134580 | 21.03%  | 0.210% |

|     |        |        |        |     |                         |         |           |        |
|-----|--------|--------|--------|-----|-------------------------|---------|-----------|--------|
|     |        |        |        |     |                         | rters   |           |        |
| 457 | 20.393 | 20.389 | 20.432 | HH  | 84832                   | 2165922 | 40.15%    | 0.400% |
| 458 | 20.451 | 20.432 | 20.464 | HH  | 81223                   | 1545298 | 28.64%    | 0.285% |
| 459 | 20.487 | 20.464 | 20.529 | HH  | 83928                   | 3153610 | 58.45%    | 0.582% |
| 460 | 20.534 | 20.529 | 20.540 | HH  | 80005                   | 551543  | 10.22%    | 0.102% |
| 461 | 20.546 | 20.540 | 20.550 | HH  | 79794                   | 468761  | 8.69%     | 0.087% |
| 462 | 20.559 | 20.550 | 20.563 | HH  | 80505                   | 639892  | 11.86%    | 0.118% |
| 463 | 20.568 | 20.563 | 20.587 | HH  | 80859                   | 1109375 | 20.56%    | 0.205% |
| 464 | 20.591 | 20.587 | 20.608 | HH  | 78886                   | 1006622 | 18.66%    | 0.186% |
| 465 | 20.615 | 20.608 | 20.629 | HH  | 79008                   | 992270  | 18.39%    | 0.183% |
| 466 | 20.661 | 20.629 | 20.694 | HH  | 80866                   | 3034169 | 56.24%    | 0.560% |
| 467 | 20.697 | 20.694 | 20.706 | HH  | 75276                   | 564987  | 10.47%    | 0.104% |
| 468 | 20.712 | 20.706 | 20.717 | HH  | 75673                   | 497836  | 9.23%     | 0.092% |
| 469 | 20.725 | 20.717 | 20.745 | HH  | 75924                   | 1260709 | 23.37%    | 0.233% |
| 470 | 20.754 | 20.745 | 20.770 | HH  | 75143                   | 1106824 | 20.52%    | 0.204% |
| 471 | 20.791 | 20.770 | 20.800 | HH  | 74869                   | 1315550 | 24.38%    | 0.243% |
| 472 | 20.808 | 20.800 | 20.814 | HH  | 74546                   | 616364  | 11.42%    | 0.114% |
| 473 | 20.823 | 20.814 | 20.829 | HH  | 75084                   | 663379  | 12.30%    | 0.122% |
| 474 | 20.834 | 20.829 | 20.844 | HH  | 74655                   | 681136  | 12.62%    | 0.126% |
| 475 | 20.866 | 20.844 | 20.947 | HH  | 75579                   | 4495249 | 83.32%    | 0.830% |
| 476 | 20.952 | 20.947 | 20.963 | HH  | 69456                   | 667113  | 12.36%    | 0.123% |
| 477 | 20.968 | 20.963 | 20.992 | HH  | 69362                   | 1193223 | 22.12%    | 0.220% |
| 478 | 20.996 | 20.992 | 21.003 | HH  | 68582                   | 441858  | 8.19%     | 0.082% |
| 479 | 21.037 | 21.003 | 21.044 | HH  | 70357                   | 1729192 | 32.05%    | 0.319% |
| 480 | 21.059 | 21.044 | 21.080 | HH  | 70973                   | 1505328 | 27.90%    | 0.278% |
| 481 | 21.090 | 21.080 | 21.108 | HH  | 69706                   | 1122951 | 20.81%    | 0.207% |
| 482 | 21.138 | 21.108 | 21.167 | HH  | 70695                   | 2445884 | 45.33%    | 0.452% |
| 483 | 21.213 | 21.167 | 21.280 | HH  | 72156                   | 4651556 | 86.22%    | 0.859% |
| 484 | 21.324 | 21.280 | 21.364 | HH  | 68604                   | 3352931 | 62.15%    | 0.619% |
| 485 | 21.368 | 21.364 | 21.379 | HH  | 64830                   | 581469  | 10.78%    | 0.107% |
| 486 | 21.416 | 21.379 | 21.420 | HH  | 67846                   | 1636604 | 30.33%    | 0.302% |
| 487 | 21.432 | 21.420 | 21.441 | HH  | 69021                   | 858982  | 15.92%    | 0.159% |
| 488 | 21.446 | 21.441 | 21.500 | HH  | 68981                   | 2387108 | 44.25%    | 0.441% |
| 489 | 21.505 | 21.500 | 21.510 | HH  | 64240                   | 374495  | 6.94%     | 0.069% |
| 490 | 21.517 | 21.510 | 21.521 | HH  | 64857                   | 438490  | 8.13%     | 0.081% |
| 491 | 21.526 | 21.521 | 21.552 | HH  | 64965                   | 1190284 | 22.06%    | 0.220% |
| 492 | 21.560 | 21.552 | 21.569 | HH  | 63405                   | 611922  | 11.34%    | 0.113% |
| 493 | 21.574 | 21.569 | 21.579 | HH  | 63325                   | 391552  | 7.26%     | 0.072% |
| 494 | 21.583 | 21.579 | 21.600 | HH  | 63141                   | 793287  | 14.70%    | 0.146% |
| 495 | 21.608 | 21.600 | 21.635 | HH  | 63399                   | 1330626 | 24.66%    | 0.246% |
| 496 | 21.649 | 21.635 | 21.656 | HH  | 61898                   | 773588  | 14.34%    | 0.143% |
| 497 | 21.662 | 21.656 | 21.685 | HH  | 62087                   | 1064628 | 19.73%    | 0.197% |
| 498 | 21.688 | 21.685 | 21.726 | HH  | 60264                   | 1445014 | 26.78%    | 0.267% |
| 499 | 21.755 | 21.726 | 21.760 | HH  | 60833                   | 1218927 | 22.59%    | 0.225% |
| 500 | 21.780 | 21.760 | 21.788 | HH  | 61673                   | 1043370 | 19.34%    | 0.193% |
| 501 | 21.814 | 21.788 | 21.818 | HH  | 63386                   | 1121645 | 20.79%    | 0.207% |
| 502 | 21.829 | 21.818 | 21.835 | HH  | 64422                   | 662704  | 12.28%    | 0.122% |
| 503 | 21.853 | 21.835 | 21.890 | HHA | 66515                   | 2165082 | 40.13%    | 0.400% |
|     |        |        |        |     | Sum of corrected areas: |         | 541555664 |        |

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