

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF011022\  
 Data File : FF009657.D  
 Signal(s) : FID2B.ch  
 Acq On : 10 Jan 2022 12:48  
 Sample : N1066-01 25X  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF121521.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         | 2.016       | 1.998        | 2.030      | BH       | 2111           | 29457        | 0.17%          | 0.002%        |
| 2         | 2.049       | 2.030        | 2.058      | HH       | 1739           | 26657        | 0.16%          | 0.002%        |
| 3         | 2.078       | 2.058        | 2.091      | HH       | 2354           | 35107        | 0.21%          | 0.003%        |
| 4         | 2.098       | 2.091        | 2.106      | HH       | 1527           | 13217        | 0.08%          | 0.001%        |
| 5         | 2.120       | 2.106        | 2.157      | HH       | 4320           | 59239        | 0.35%          | 0.004%        |
| 6         | 2.184       | 2.157        | 2.217      | HH       | 3356           | 60260        | 0.36%          | 0.005%        |
| 7         | 2.223       | 2.217        | 2.227      | HH       | 1220           | 7031         | 0.04%          | 0.001%        |
| 8         | 2.249       | 2.227        | 2.271      | HH       | 1585           | 33911        | 0.20%          | 0.003%        |
| 9         | 2.305       | 2.271        | 2.316      | HH       | 1462           | 31840        | 0.19%          | 0.002%        |
| 10        | 2.329       | 2.316        | 2.339      | HH       | 1454           | 17682        | 0.10%          | 0.001%        |
| 11        | 2.343       | 2.339        | 2.353      | HH       | 1272           | 10378        | 0.06%          | 0.001%        |
| 12        | 2.363       | 2.353        | 2.381      | HH       | 1732           | 21768        | 0.13%          | 0.002%        |
| 13        | 2.402       | 2.381        | 2.432      | HH       | 3714           | 59346        | 0.35%          | 0.004%        |
| 14        | 2.448       | 2.432        | 2.458      | HH       | 9190           | 79786        | 0.47%          | 0.006%        |
| 15        | 2.466       | 2.458        | 2.484      | HH       | 7190           | 64230        | 0.38%          | 0.005%        |
| 16        | 2.499       | 2.484        | 2.513      | HH       | 13019          | 109791       | 0.65%          | 0.008%        |
| 17        | 2.528       | 2.513        | 2.555      | HH       | 6441           | 89986        | 0.53%          | 0.007%        |
| 18        | 2.563       | 2.555        | 2.596      | HH       | 2368           | 39950        | 0.24%          | 0.003%        |
| 19        | 2.647       | 2.596        | 2.675      | HH       | 8529           | 140163       | 0.83%          | 0.011%        |
| 20        | 2.686       | 2.675        | 2.707      | HH       | 1427           | 20900        | 0.12%          | 0.002%        |
| 21        | 2.732       | 2.707        | 2.745      | HH       | 7768           | 76720        | 0.45%          | 0.006%        |
| 22        | 2.758       | 2.745        | 2.771      | HH       | 3969           | 42988        | 0.25%          | 0.003%        |
| 23        | 2.782       | 2.771        | 2.805      | HH       | 3066           | 39429        | 0.23%          | 0.003%        |
| 24        | 2.814       | 2.805        | 2.826      | HH       | 1332           | 13922        | 0.08%          | 0.001%        |
| 25        | 2.843       | 2.826        | 2.857      | HH       | 2636           | 32933        | 0.19%          | 0.002%        |
| 26        | 2.873       | 2.857        | 2.904      | HH       | 6159           | 93979        | 0.55%          | 0.007%        |
| 27        | 2.934       | 2.904        | 2.961      | HH       | 4989           | 93103        | 0.55%          | 0.007%        |
| 28        | 2.974       | 2.961        | 2.982      | HH       | 1595           | 17046        | 0.10%          | 0.001%        |
| 29        | 3.006       | 2.982        | 3.019      | HH       | 16467          | 203186       | 1.20%          | 0.015%        |
| 30        | 3.029       | 3.019        | 3.050      | HH       | 9965           | 103900       | 0.61%          | 0.008%        |
| 31        | 3.060       | 3.050        | 3.066      | HH       | 2094           | 17666        | 0.10%          | 0.001%        |
| 32        | 3.078       | 3.066        | 3.107      | HH       | 2539           | 37509        | 0.22%          | 0.003%        |
| 33        | 3.125       | 3.107        | 3.139      | HH       | 2998           | 34320        | 0.20%          | 0.003%        |
| 34        | 3.153       | 3.139        | 3.161      | HH       | 2963           | 29866        | 0.18%          | 0.002%        |
| 35        | 3.175       | 3.161        | 3.184      | HH       | 5200           | 50567        | 0.30%          | 0.004%        |
| 36        | 3.199       | 3.184        | 3.214      | HH       | 16720          | 161399       | 0.95%          | 0.012%        |

| rteres |       |       |       |    |       |        |       |        |
|--------|-------|-------|-------|----|-------|--------|-------|--------|
| 37     | 3.223 | 3.214 | 3.262 | HH | 4603  | 65863  | 0.39% | 0.005% |
| 38     | 3.304 | 3.262 | 3.316 | HH | 12766 | 155692 | 0.92% | 0.012% |
| 39     | 3.328 | 3.316 | 3.344 | HH | 10022 | 102622 | 0.61% | 0.008% |
| 40     | 3.360 | 3.344 | 3.372 | HH | 8003  | 97727  | 0.58% | 0.007% |
|        |       |       |       |    |       |        |       |        |
| 41     | 3.384 | 3.372 | 3.408 | HH | 8959  | 122167 | 0.72% | 0.009% |
| 42     | 3.419 | 3.408 | 3.428 | HH | 5310  | 46457  | 0.27% | 0.004% |
| 43     | 3.445 | 3.428 | 3.478 | HH | 28201 | 368856 | 2.18% | 0.028% |
| 44     | 3.508 | 3.478 | 3.525 | HH | 11544 | 195070 | 1.15% | 0.015% |
| 45     | 3.552 | 3.525 | 3.592 | HH | 49242 | 704157 | 4.16% | 0.053% |
|        |       |       |       |    |       |        |       |        |
| 46     | 3.623 | 3.592 | 3.655 | HH | 32175 | 525280 | 3.10% | 0.040% |
| 47     | 3.670 | 3.655 | 3.697 | HH | 10866 | 159706 | 0.94% | 0.012% |
| 48     | 3.714 | 3.697 | 3.735 | HH | 27466 | 268794 | 1.59% | 0.020% |
| 49     | 3.764 | 3.735 | 3.811 | HH | 22594 | 493878 | 2.92% | 0.037% |
| 50     | 3.831 | 3.811 | 3.854 | HH | 7492  | 124105 | 0.73% | 0.009% |
|        |       |       |       |    |       |        |       |        |
| 51     | 3.870 | 3.854 | 3.891 | HH | 12551 | 189865 | 1.12% | 0.014% |
| 52     | 3.906 | 3.891 | 3.925 | HH | 20134 | 283053 | 1.67% | 0.021% |
| 53     | 3.937 | 3.925 | 3.960 | HH | 15566 | 198979 | 1.17% | 0.015% |
| 54     | 3.981 | 3.960 | 3.988 | HH | 7373  | 90748  | 0.54% | 0.007% |
| 55     | 4.022 | 3.988 | 4.033 | HH | 24346 | 373459 | 2.21% | 0.028% |
|        |       |       |       |    |       |        |       |        |
| 56     | 4.048 | 4.033 | 4.071 | HH | 33001 | 431048 | 2.55% | 0.033% |
| 57     | 4.084 | 4.071 | 4.098 | HH | 16368 | 201356 | 1.19% | 0.015% |
| 58     | 4.103 | 4.098 | 4.121 | HH | 8285  | 78144  | 0.46% | 0.006% |
| 59     | 4.155 | 4.121 | 4.172 | HH | 22154 | 330866 | 1.95% | 0.025% |
| 60     | 4.197 | 4.172 | 4.218 | HH | 22978 | 400071 | 2.36% | 0.030% |
|        |       |       |       |    |       |        |       |        |
| 61     | 4.231 | 4.218 | 4.266 | HH | 13735 | 298689 | 1.76% | 0.023% |
| 62     | 4.278 | 4.266 | 4.292 | HH | 9167  | 118121 | 0.70% | 0.009% |
| 63     | 4.309 | 4.292 | 4.333 | HH | 16653 | 249524 | 1.47% | 0.019% |
| 64     | 4.340 | 4.333 | 4.347 | HH | 6307  | 50857  | 0.30% | 0.004% |
| 65     | 4.358 | 4.347 | 4.371 | HH | 7535  | 92702  | 0.55% | 0.007% |
|        |       |       |       |    |       |        |       |        |
| 66     | 4.409 | 4.371 | 4.422 | HH | 21964 | 444403 | 2.62% | 0.034% |
| 67     | 4.437 | 4.422 | 4.452 | HH | 33513 | 455931 | 2.69% | 0.034% |
| 68     | 4.463 | 4.452 | 4.482 | HH | 20763 | 327116 | 1.93% | 0.025% |
| 69     | 4.496 | 4.482 | 4.507 | HH | 32496 | 341130 | 2.01% | 0.026% |
| 70     | 4.521 | 4.507 | 4.535 | HH | 45954 | 487414 | 2.88% | 0.037% |
|        |       |       |       |    |       |        |       |        |
| 71     | 4.549 | 4.535 | 4.559 | HH | 28247 | 350871 | 2.07% | 0.026% |
| 72     | 4.569 | 4.559 | 4.584 | HH | 29950 | 335929 | 1.98% | 0.025% |
| 73     | 4.612 | 4.584 | 4.627 | HH | 30870 | 561359 | 3.31% | 0.042% |
| 74     | 4.644 | 4.627 | 4.688 | HH | 40834 | 959839 | 5.67% | 0.072% |
| 75     | 4.707 | 4.688 | 4.738 | HH | 60101 | 836097 | 4.94% | 0.063% |
|        |       |       |       |    |       |        |       |        |
| 76     | 4.760 | 4.738 | 4.775 | HH | 21027 | 357286 | 2.11% | 0.027% |
| 77     | 4.795 | 4.775 | 4.818 | HH | 25383 | 450929 | 2.66% | 0.034% |
| 78     | 4.861 | 4.818 | 4.874 | HH | 23563 | 473330 | 2.79% | 0.036% |
| 79     | 4.883 | 4.874 | 4.906 | HH | 19023 | 267778 | 1.58% | 0.020% |
| 80     | 4.933 | 4.906 | 4.940 | HH | 27586 | 378628 | 2.24% | 0.029% |
|        |       |       |       |    |       |        |       |        |
| 81     | 4.955 | 4.940 | 4.982 | HH | 46783 | 834034 | 4.92% | 0.063% |
| 82     | 4.987 | 4.982 | 5.017 | HH | 23247 | 411769 | 2.43% | 0.031% |
| 83     | 5.034 | 5.017 | 5.055 | HH | 19465 | 362816 | 2.14% | 0.027% |
| 84     | 5.074 | 5.055 | 5.087 | HH | 43859 | 583858 | 3.45% | 0.044% |
| 85     | 5.095 | 5.087 | 5.105 | HH | 31220 | 307289 | 1.81% | 0.023% |
|        |       |       |       |    |       |        |       |        |
| 86     | 5.113 | 5.105 | 5.120 | HH | 28244 | 250915 | 1.48% | 0.019% |
| 87     | 5.133 | 5.120 | 5.147 | HH | 37498 | 493468 | 2.91% | 0.037% |
| 88     | 5.162 | 5.147 | 5.176 | HH | 44574 | 578467 | 3.42% | 0.044% |
| 89     | 5.190 | 5.176 | 5.216 | HH | 36459 | 684801 | 4.04% | 0.052% |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 90     | 5.221 | 5.216 | 5.237 | HH | 23775  | 268924  | 1.59%  | 0.020% |
| 91     | 5.250 | 5.237 | 5.262 | HH | 22802  | 300957  | 1.78%  | 0.023% |
| 92     | 5.292 | 5.262 | 5.318 | HH | 75985  | 1375687 | 8.12%  | 0.104% |
| 93     | 5.344 | 5.318 | 5.356 | HH | 30895  | 556367  | 3.29%  | 0.042% |
| 94     | 5.362 | 5.356 | 5.378 | HH | 26779  | 302237  | 1.78%  | 0.023% |
| 95     | 5.397 | 5.378 | 5.409 | HH | 27472  | 437735  | 2.58%  | 0.033% |
| 96     | 5.420 | 5.409 | 5.428 | HH | 24745  | 274566  | 1.62%  | 0.021% |
| 97     | 5.450 | 5.428 | 5.477 | HH | 88859  | 1384611 | 8.18%  | 0.104% |
| 98     | 5.490 | 5.477 | 5.512 | HH | 35443  | 629340  | 3.72%  | 0.047% |
| 99     | 5.524 | 5.512 | 5.539 | HH | 31407  | 435521  | 2.57%  | 0.033% |
| 100    | 5.566 | 5.539 | 5.601 | HH | 90725  | 1781883 | 10.52% | 0.134% |
| 101    | 5.619 | 5.601 | 5.633 | HH | 42713  | 593939  | 3.51%  | 0.045% |
| 102    | 5.640 | 5.633 | 5.650 | HH | 27279  | 251987  | 1.49%  | 0.019% |
| 103    | 5.666 | 5.650 | 5.672 | HH | 38428  | 434259  | 2.56%  | 0.033% |
| 104    | 5.680 | 5.672 | 5.703 | HH | 39923  | 536684  | 3.17%  | 0.041% |
| 105    | 5.727 | 5.703 | 5.746 | HH | 45786  | 755943  | 4.46%  | 0.057% |
| 106    | 5.776 | 5.746 | 5.796 | HH | 56749  | 1132167 | 6.68%  | 0.085% |
| 107    | 5.804 | 5.796 | 5.837 | HH | 34220  | 727800  | 4.30%  | 0.055% |
| 108    | 5.856 | 5.837 | 5.882 | HH | 42245  | 894299  | 5.28%  | 0.067% |
| 109    | 5.915 | 5.882 | 5.934 | HH | 43502  | 1067913 | 6.31%  | 0.081% |
| 110    | 5.952 | 5.934 | 5.976 | HH | 59083  | 1087494 | 6.42%  | 0.082% |
| 111    | 5.993 | 5.976 | 6.019 | HH | 49915  | 1051590 | 6.21%  | 0.079% |
| 112    | 6.037 | 6.019 | 6.042 | HH | 42739  | 514159  | 3.04%  | 0.039% |
| 113    | 6.057 | 6.042 | 6.068 | HH | 59435  | 807342  | 4.77%  | 0.061% |
| 114    | 6.083 | 6.068 | 6.110 | HH | 57043  | 1223767 | 7.23%  | 0.092% |
| 115    | 6.129 | 6.110 | 6.153 | HH | 71394  | 1370737 | 8.09%  | 0.103% |
| 116    | 6.179 | 6.153 | 6.193 | HH | 65424  | 1323607 | 7.82%  | 0.100% |
| 117    | 6.197 | 6.193 | 6.251 | HH | 58077  | 1463585 | 8.64%  | 0.110% |
| 118    | 6.267 | 6.251 | 6.298 | HH | 52096  | 1160042 | 6.85%  | 0.088% |
| 119    | 6.310 | 6.298 | 6.319 | HH | 38123  | 447608  | 2.64%  | 0.034% |
| 120    | 6.337 | 6.319 | 6.359 | HH | 53860  | 1074577 | 6.34%  | 0.081% |
| 121    | 6.374 | 6.359 | 6.383 | HH | 51248  | 626051  | 3.70%  | 0.047% |
| 122    | 6.399 | 6.383 | 6.421 | HH | 100497 | 1623616 | 9.59%  | 0.123% |
| 123    | 6.434 | 6.421 | 6.459 | HH | 76864  | 1363233 | 8.05%  | 0.103% |
| 124    | 6.469 | 6.459 | 6.482 | HH | 47560  | 581957  | 3.44%  | 0.044% |
| 125    | 6.504 | 6.482 | 6.513 | HH | 52784  | 859707  | 5.08%  | 0.065% |
| 126    | 6.527 | 6.513 | 6.543 | HH | 59601  | 962525  | 5.68%  | 0.073% |
| 127    | 6.568 | 6.543 | 6.591 | HH | 100214 | 1882618 | 11.12% | 0.142% |
| 128    | 6.603 | 6.591 | 6.616 | HH | 56028  | 691983  | 4.09%  | 0.052% |
| 129    | 6.633 | 6.616 | 6.639 | HH | 61488  | 724679  | 4.28%  | 0.055% |
| 130    | 6.644 | 6.639 | 6.662 | HH | 61306  | 724450  | 4.28%  | 0.055% |
| 131    | 6.666 | 6.662 | 6.677 | HH | 39649  | 353269  | 2.09%  | 0.027% |
| 132    | 6.704 | 6.677 | 6.722 | HH | 59776  | 1320927 | 7.80%  | 0.100% |
| 133    | 6.738 | 6.722 | 6.745 | HH | 55652  | 706505  | 4.17%  | 0.053% |
| 134    | 6.767 | 6.745 | 6.785 | HH | 67845  | 1378050 | 8.14%  | 0.104% |
| 135    | 6.806 | 6.785 | 6.837 | HH | 74062  | 1774097 | 10.48% | 0.134% |
| 136    | 6.862 | 6.837 | 6.869 | HH | 69581  | 1127092 | 6.65%  | 0.085% |
| 137    | 6.874 | 6.869 | 6.907 | HH | 69787  | 1300295 | 7.68%  | 0.098% |
| 138    | 6.914 | 6.907 | 6.926 | HH | 44081  | 491989  | 2.90%  | 0.037% |
| 139    | 6.950 | 6.926 | 6.988 | HH | 215719 | 3759647 | 22.20% | 0.284% |
| 140    | 7.007 | 6.988 | 7.028 | HH | 67296  | 1396186 | 8.24%  | 0.105% |
| 141    | 7.047 | 7.028 | 7.064 | HH | 89589  | 1466766 | 8.66%  | 0.111% |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 142    | 7.074 | 7.064 | 7.085 | HH | 56415  | 693401  | 4.09%  | 0.052% |
| 143    | 7.091 | 7.085 | 7.104 | HH | 54626  | 578698  | 3.42%  | 0.044% |
| 144    | 7.132 | 7.104 | 7.137 | HH | 66023  | 1168042 | 6.90%  | 0.088% |
| 145    | 7.150 | 7.137 | 7.164 | HH | 88001  | 1251607 | 7.39%  | 0.094% |
|        |       |       |       |    |        |         |        |        |
| 146    | 7.173 | 7.164 | 7.193 | HH | 66024  | 1036228 | 6.12%  | 0.078% |
| 147    | 7.216 | 7.193 | 7.240 | HH | 69627  | 1753297 | 10.35% | 0.132% |
| 148    | 7.255 | 7.240 | 7.269 | HH | 65773  | 1052328 | 6.21%  | 0.079% |
| 149    | 7.276 | 7.269 | 7.281 | HH | 59924  | 445495  | 2.63%  | 0.034% |
| 150    | 7.297 | 7.281 | 7.317 | HH | 63165  | 1294435 | 7.64%  | 0.098% |
|        |       |       |       |    |        |         |        |        |
| 151    | 7.343 | 7.317 | 7.374 | HH | 111882 | 2699662 | 15.94% | 0.204% |
| 152    | 7.389 | 7.374 | 7.409 | HH | 66879  | 1213440 | 7.16%  | 0.092% |
| 153    | 7.451 | 7.409 | 7.467 | HH | 78555  | 2182365 | 12.89% | 0.165% |
| 154    | 7.481 | 7.467 | 7.486 | HH | 69152  | 728482  | 4.30%  | 0.055% |
| 155    | 7.503 | 7.486 | 7.521 | HH | 95820  | 1620010 | 9.57%  | 0.122% |
|        |       |       |       |    |        |         |        |        |
| 156    | 7.534 | 7.521 | 7.565 | HH | 69631  | 1591668 | 9.40%  | 0.120% |
| 157    | 7.593 | 7.565 | 7.613 | HH | 87634  | 1929356 | 11.39% | 0.146% |
| 158    | 7.637 | 7.613 | 7.657 | HH | 72828  | 1695462 | 10.01% | 0.128% |
| 159    | 7.677 | 7.657 | 7.693 | HH | 64897  | 1320237 | 7.80%  | 0.100% |
| 160    | 7.731 | 7.693 | 7.750 | HH | 79503  | 2435882 | 14.38% | 0.184% |
|        |       |       |       |    |        |         |        |        |
| 161    | 7.769 | 7.750 | 7.788 | HH | 124012 | 2110587 | 12.46% | 0.159% |
| 162    | 7.793 | 7.788 | 7.812 | HH | 73838  | 977125  | 5.77%  | 0.074% |
| 163    | 7.860 | 7.812 | 7.887 | HH | 217981 | 4779146 | 28.22% | 0.361% |
| 164    | 7.908 | 7.887 | 7.929 | HH | 91759  | 2015515 | 11.90% | 0.152% |
| 165    | 7.963 | 7.929 | 7.987 | HH | 97984  | 2923453 | 17.26% | 0.221% |
|        |       |       |       |    |        |         |        |        |
| 166    | 8.019 | 7.987 | 8.042 | HH | 90149  | 2772013 | 16.37% | 0.209% |
| 167    | 8.050 | 8.042 | 8.058 | HH | 81459  | 761689  | 4.50%  | 0.057% |
| 168    | 8.084 | 8.058 | 8.100 | HH | 98037  | 2222808 | 13.12% | 0.168% |
| 169    | 8.113 | 8.100 | 8.119 | HH | 89108  | 948514  | 5.60%  | 0.072% |
| 170    | 8.133 | 8.119 | 8.148 | HH | 106077 | 1677343 | 9.90%  | 0.127% |
|        |       |       |       |    |        |         |        |        |
| 171    | 8.159 | 8.148 | 8.169 | HH | 93798  | 1152142 | 6.80%  | 0.087% |
| 172    | 8.189 | 8.169 | 8.231 | HH | 197828 | 4380792 | 25.87% | 0.331% |
| 173    | 8.251 | 8.231 | 8.267 | HH | 108359 | 2099422 | 12.40% | 0.158% |
| 174    | 8.282 | 8.267 | 8.301 | HH | 104727 | 1968196 | 11.62% | 0.149% |
| 175    | 8.317 | 8.301 | 8.348 | HH | 95024  | 2440247 | 14.41% | 0.184% |
|        |       |       |       |    |        |         |        |        |
| 176    | 8.364 | 8.348 | 8.375 | HH | 87380  | 1291516 | 7.63%  | 0.097% |
| 177    | 8.391 | 8.375 | 8.398 | HH | 105210 | 1369811 | 8.09%  | 0.103% |
| 178    | 8.416 | 8.398 | 8.440 | HH | 127330 | 2785916 | 16.45% | 0.210% |
| 179    | 8.454 | 8.440 | 8.464 | HH | 97522  | 1303736 | 7.70%  | 0.098% |
| 180    | 8.485 | 8.464 | 8.508 | HH | 206128 | 3753809 | 22.16% | 0.283% |
|        |       |       |       |    |        |         |        |        |
| 181    | 8.521 | 8.508 | 8.530 | HH | 114137 | 1414663 | 8.35%  | 0.107% |
| 182    | 8.548 | 8.530 | 8.559 | HH | 172786 | 2501306 | 14.77% | 0.189% |
| 183    | 8.573 | 8.559 | 8.596 | HH | 218910 | 3547115 | 20.94% | 0.268% |
| 184    | 8.602 | 8.596 | 8.627 | HH | 104172 | 1849418 | 10.92% | 0.140% |
| 185    | 8.648 | 8.627 | 8.663 | HH | 135475 | 2474963 | 14.61% | 0.187% |
|        |       |       |       |    |        |         |        |        |
| 186    | 8.681 | 8.663 | 8.701 | HH | 131723 | 2628532 | 15.52% | 0.198% |
| 187    | 8.716 | 8.701 | 8.734 | HH | 131123 | 2315874 | 13.67% | 0.175% |
| 188    | 8.751 | 8.734 | 8.757 | HH | 115869 | 1486487 | 8.78%  | 0.112% |
| 189    | 8.772 | 8.757 | 8.789 | HH | 132479 | 2329187 | 13.75% | 0.176% |
| 190    | 8.818 | 8.789 | 8.833 | HH | 131694 | 3238600 | 19.12% | 0.244% |
|        |       |       |       |    |        |         |        |        |
| 191    | 8.847 | 8.833 | 8.872 | HH | 126830 | 2822463 | 16.67% | 0.213% |
| 192    | 8.891 | 8.872 | 8.910 | HH | 145098 | 2837392 | 16.75% | 0.214% |
| 193    | 8.938 | 8.910 | 8.963 | HH | 134377 | 3837350 | 22.66% | 0.290% |
| 194    | 8.981 | 8.963 | 8.989 | HH | 121242 | 1789532 | 10.57% | 0.135% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 195    | 9.003  | 8.989  | 9.025  | HH | 136568 | 2672625  | 15.78% | 0.202% |
| 196    | 9.057  | 9.025  | 9.074  | HH | 133575 | 3510634  | 20.73% | 0.265% |
| 197    | 9.091  | 9.074  | 9.108  | HH | 127685 | 2546954  | 15.04% | 0.192% |
| 198    | 9.156  | 9.108  | 9.174  | HH | 171055 | 5874026  | 34.68% | 0.443% |
| 199    | 9.186  | 9.174  | 9.194  | HH | 130613 | 1531307  | 9.04%  | 0.116% |
| 200    | 9.236  | 9.194  | 9.267  | HH | 252899 | 7388298  | 43.62% | 0.558% |
| 201    | 9.303  | 9.267  | 9.337  | HH | 204464 | 6565227  | 38.76% | 0.495% |
| 202    | 9.346  | 9.337  | 9.355  | HH | 134313 | 1426238  | 8.42%  | 0.108% |
| 203    | 9.392  | 9.355  | 9.437  | HH | 167781 | 7287622  | 43.03% | 0.550% |
| 204    | 9.460  | 9.437  | 9.496  | HH | 151126 | 5022936  | 29.66% | 0.379% |
| 205    | 9.512  | 9.496  | 9.524  | HH | 140433 | 2271960  | 13.41% | 0.171% |
| 206    | 9.539  | 9.524  | 9.558  | HH | 154862 | 3105879  | 18.34% | 0.234% |
| 207    | 9.591  | 9.558  | 9.617  | HH | 181718 | 5698354  | 33.65% | 0.430% |
| 208    | 9.636  | 9.617  | 9.654  | HH | 169490 | 3558903  | 21.01% | 0.269% |
| 209    | 9.673  | 9.654  | 9.680  | HH | 163277 | 2517167  | 14.86% | 0.190% |
| 210    | 9.686  | 9.680  | 9.695  | HH | 164337 | 1496661  | 8.84%  | 0.113% |
| 211    | 9.734  | 9.695  | 9.772  | HH | 176658 | 7514934  | 44.37% | 0.567% |
| 212    | 9.804  | 9.772  | 9.832  | HH | 184506 | 6140389  | 36.26% | 0.463% |
| 213    | 9.862  | 9.832  | 9.890  | HH | 178387 | 5975338  | 35.28% | 0.451% |
| 214    | 9.906  | 9.890  | 9.919  | HH | 178924 | 3021576  | 17.84% | 0.228% |
| 215    | 9.924  | 9.919  | 9.928  | HH | 177170 | 878859   | 5.19%  | 0.066% |
| 216    | 9.943  | 9.928  | 9.947  | HH | 179084 | 2081818  | 12.29% | 0.157% |
| 217    | 9.966  | 9.947  | 9.988  | HH | 189712 | 4543794  | 26.83% | 0.343% |
| 218    | 10.018 | 9.988  | 10.047 | HH | 305682 | 8352562  | 49.32% | 0.630% |
| 219    | 10.098 | 10.047 | 10.129 | HH | 236817 | 10531044 | 62.18% | 0.795% |
| 220    | 10.163 | 10.129 | 10.186 | HH | 230710 | 7226162  | 42.67% | 0.545% |
| 221    | 10.212 | 10.186 | 10.241 | HH | 212887 | 6713551  | 39.64% | 0.507% |
| 222    | 10.271 | 10.241 | 10.281 | HH | 223566 | 5170254  | 30.53% | 0.390% |
| 223    | 10.299 | 10.281 | 10.320 | HH | 230252 | 5151828  | 30.42% | 0.389% |
| 224    | 10.344 | 10.320 | 10.350 | HH | 227776 | 3882210  | 22.92% | 0.293% |
| 225    | 10.370 | 10.350 | 10.374 | HH | 238734 | 3241205  | 19.14% | 0.245% |
| 226    | 10.389 | 10.374 | 10.407 | HH | 269939 | 5076637  | 29.97% | 0.383% |
| 227    | 10.444 | 10.407 | 10.469 | HH | 460683 | 11929206 | 70.44% | 0.900% |
| 228    | 10.487 | 10.469 | 10.538 | HH | 268324 | 10194738 | 60.19% | 0.769% |
| 229    | 10.566 | 10.538 | 10.583 | HH | 254950 | 6537957  | 38.60% | 0.493% |
| 230    | 10.603 | 10.583 | 10.619 | HH | 251185 | 5299263  | 31.29% | 0.400% |
| 231    | 10.640 | 10.619 | 10.659 | HH | 262242 | 6066775  | 35.82% | 0.458% |
| 232    | 10.686 | 10.659 | 10.710 | HH | 257799 | 7632318  | 45.06% | 0.576% |
| 233    | 10.716 | 10.710 | 10.730 | HH | 257356 | 3126691  | 18.46% | 0.236% |
| 234    | 10.766 | 10.730 | 10.805 | HH | 282929 | 11835715 | 69.88% | 0.893% |
| 235    | 10.814 | 10.805 | 10.820 | HH | 252321 | 2259834  | 13.34% | 0.171% |
| 236    | 10.851 | 10.820 | 10.865 | HH | 293016 | 7340117  | 43.34% | 0.554% |
| 237    | 10.870 | 10.865 | 10.884 | HH | 276629 | 3077609  | 18.17% | 0.232% |
| 238    | 10.901 | 10.884 | 10.911 | HH | 286793 | 4603949  | 27.18% | 0.347% |
| 239    | 10.931 | 10.911 | 10.953 | HH | 295423 | 7137810  | 42.15% | 0.539% |
| 240    | 10.963 | 10.953 | 10.974 | HH | 283613 | 3416936  | 20.18% | 0.258% |
| 241    | 10.992 | 10.974 | 11.005 | HH | 294567 | 5366642  | 31.69% | 0.405% |
| 242    | 11.031 | 11.005 | 11.060 | HH | 302742 | 9459569  | 55.85% | 0.714% |
| 243    | 11.070 | 11.060 | 11.080 | HH | 281002 | 3328464  | 19.65% | 0.251% |
| 244    | 11.085 | 11.080 | 11.105 | HH | 282235 | 4274755  | 25.24% | 0.323% |
| 245    | 11.117 | 11.105 | 11.131 | HH | 282747 | 4288775  | 25.32% | 0.324% |
| 246    | 11.162 | 11.131 | 11.194 | HH | 443884 | 12853603 | 75.89% | 0.970% |

| rteres |        |        |        |    |        |          |         |        |
|--------|--------|--------|--------|----|--------|----------|---------|--------|
| 247    | 11.203 | 11.194 | 11.210 | HH | 280951 | 2679264  | 15.82%  | 0.202% |
| 248    | 11.221 | 11.210 | 11.248 | HH | 295059 | 6502816  | 38.40%  | 0.491% |
| 249    | 11.271 | 11.248 | 11.290 | HH | 290208 | 6985504  | 41.25%  | 0.527% |
| 250    | 11.303 | 11.290 | 11.314 | HH | 282190 | 4021115  | 23.74%  | 0.303% |
|        |        |        |        |    |        |          |         |        |
| 251    | 11.342 | 11.314 | 11.347 | HH | 295074 | 5627249  | 33.23%  | 0.425% |
| 252    | 11.359 | 11.347 | 11.365 | HH | 298559 | 3219712  | 19.01%  | 0.243% |
| 253    | 11.368 | 11.365 | 11.395 | HH | 294998 | 5101448  | 30.12%  | 0.385% |
| 254    | 11.403 | 11.395 | 11.415 | HH | 273486 | 3269434  | 19.30%  | 0.247% |
| 255    | 11.438 | 11.415 | 11.455 | HH | 302202 | 6914224  | 40.82%  | 0.522% |
|        |        |        |        |    |        |          |         |        |
| 256    | 11.461 | 11.455 | 11.487 | HH | 289791 | 5365332  | 31.68%  | 0.405% |
| 257    | 11.510 | 11.487 | 11.515 | HH | 296553 | 4805771  | 28.38%  | 0.363% |
| 258    | 11.533 | 11.515 | 11.539 | HH | 299562 | 4181531  | 24.69%  | 0.316% |
| 259    | 11.561 | 11.539 | 11.575 | HH | 319341 | 6743687  | 39.82%  | 0.509% |
| 260    | 11.580 | 11.575 | 11.600 | HH | 305041 | 4414503  | 26.07%  | 0.333% |
|        |        |        |        |    |        |          |         |        |
| 261    | 11.620 | 11.600 | 11.636 | HH | 308378 | 6455412  | 38.12%  | 0.487% |
| 262    | 11.640 | 11.636 | 11.656 | HH | 297221 | 3591057  | 21.20%  | 0.271% |
| 263    | 11.676 | 11.656 | 11.695 | HH | 312996 | 6917672  | 40.85%  | 0.522% |
| 264    | 11.718 | 11.695 | 11.750 | HH | 364395 | 10495854 | 61.97%  | 0.792% |
| 265    | 11.757 | 11.750 | 11.781 | HH | 293299 | 5163311  | 30.49%  | 0.390% |
|        |        |        |        |    |        |          |         |        |
| 266    | 11.786 | 11.781 | 11.792 | HH | 270879 | 1799198  | 10.62%  | 0.136% |
| 267    | 11.816 | 11.792 | 11.825 | HH | 281549 | 5389989  | 31.83%  | 0.407% |
| 268    | 11.844 | 11.825 | 11.912 | HH | 297046 | 14706162 | 86.83%  | 1.110% |
| 269    | 11.937 | 11.912 | 11.943 | HH | 282880 | 5036483  | 29.74%  | 0.380% |
| 270    | 11.954 | 11.943 | 11.970 | HH | 284627 | 4483468  | 26.47%  | 0.338% |
|        |        |        |        |    |        |          |         |        |
| 271    | 11.974 | 11.970 | 11.980 | HH | 271835 | 1753161  | 10.35%  | 0.132% |
| 272    | 11.988 | 11.980 | 11.999 | HH | 273259 | 2982701  | 17.61%  | 0.225% |
| 273    | 12.003 | 11.999 | 12.009 | HH | 267781 | 1593188  | 9.41%   | 0.120% |
| 274    | 12.036 | 12.009 | 12.058 | HH | 281736 | 7993586  | 47.20%  | 0.603% |
| 275    | 12.064 | 12.058 | 12.075 | HH | 270098 | 2771458  | 16.36%  | 0.209% |
|        |        |        |        |    |        |          |         |        |
| 276    | 12.092 | 12.075 | 12.110 | HH | 271702 | 5563314  | 32.85%  | 0.420% |
| 277    | 12.122 | 12.110 | 12.139 | HH | 275273 | 4617950  | 27.27%  | 0.349% |
| 278    | 12.147 | 12.139 | 12.190 | HH | 266478 | 7954508  | 46.97%  | 0.600% |
| 279    | 12.216 | 12.190 | 12.247 | HH | 270710 | 8948905  | 52.84%  | 0.675% |
| 280    | 12.252 | 12.247 | 12.272 | HH | 260070 | 3841480  | 22.68%  | 0.290% |
|        |        |        |        |    |        |          |         |        |
| 281    | 12.295 | 12.272 | 12.315 | HH | 285854 | 7036036  | 41.54%  | 0.531% |
| 282    | 12.324 | 12.315 | 12.357 | HH | 266977 | 6435944  | 38.00%  | 0.486% |
| 283    | 12.380 | 12.357 | 12.405 | HH | 268429 | 7384043  | 43.60%  | 0.557% |
| 284    | 12.411 | 12.405 | 12.431 | HH | 245140 | 3702482  | 21.86%  | 0.279% |
| 285    | 12.447 | 12.431 | 12.454 | HH | 244251 | 3348937  | 19.77%  | 0.253% |
|        |        |        |        |    |        |          |         |        |
| 286    | 12.467 | 12.454 | 12.499 | HH | 263275 | 6731175  | 39.74%  | 0.508% |
| 287    | 12.519 | 12.499 | 12.544 | HH | 241290 | 6288574  | 37.13%  | 0.475% |
| 288    | 12.563 | 12.544 | 12.587 | HH | 232084 | 5863518  | 34.62%  | 0.443% |
| 289    | 12.604 | 12.587 | 12.618 | HH | 226258 | 4244358  | 25.06%  | 0.320% |
| 290    | 12.633 | 12.618 | 12.650 | HH | 227891 | 4268350  | 25.20%  | 0.322% |
|        |        |        |        |    |        |          |         |        |
| 291    | 12.661 | 12.650 | 12.678 | HH | 223481 | 3672783  | 21.69%  | 0.277% |
| 292    | 12.695 | 12.678 | 12.722 | HH | 229004 | 5861693  | 34.61%  | 0.442% |
| 293    | 12.753 | 12.722 | 12.772 | HH | 224881 | 6648681  | 39.26%  | 0.502% |
| 294    | 12.788 | 12.772 | 12.810 | HH | 223776 | 4932332  | 29.12%  | 0.372% |
| 295    | 12.816 | 12.810 | 12.840 | HH | 220736 | 3999985  | 23.62%  | 0.302% |
|        |        |        |        |    |        |          |         |        |
| 296    | 12.865 | 12.840 | 12.970 | HH | 236162 | 16936309 | 100.00% | 1.278% |
| 297    | 12.983 | 12.970 | 12.998 | HH | 202327 | 3248355  | 19.18%  | 0.245% |
| 298    | 13.011 | 12.998 | 13.017 | HH | 208673 | 2381835  | 14.06%  | 0.180% |
| 299    | 13.034 | 13.017 | 13.106 | HH | 215114 | 10781835 | 63.66%  | 0.814% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 13.122 | 13.106 | 13.172 | HH | 201441 | 7763980 | 45.84% | 0.586% |
| 301 | 13.203 | 13.172 | 13.224 | HH | 209175 | 6207022 | 36.65% | 0.468% |
| 302 | 13.245 | 13.224 | 13.279 | HH | 197088 | 6294056 | 37.16% | 0.475% |
| 303 | 13.285 | 13.279 | 13.309 | HH | 192230 | 3438010 | 20.30% | 0.259% |
| 304 | 13.314 | 13.309 | 13.350 | HH | 187740 | 4547045 | 26.85% | 0.343% |
| 305 | 13.356 | 13.350 | 13.363 | HH | 180733 | 1316240 | 7.77%  | 0.099% |
| 306 | 13.369 | 13.363 | 13.380 | HH | 180816 | 1919379 | 11.33% | 0.145% |
| 307 | 13.388 | 13.380 | 13.396 | HH | 181205 | 1636438 | 9.66%  | 0.123% |
| 308 | 13.414 | 13.396 | 13.457 | HH | 190894 | 6750509 | 39.86% | 0.509% |
| 309 | 13.482 | 13.457 | 13.531 | HH | 185350 | 7810454 | 46.12% | 0.589% |
| 310 | 13.556 | 13.531 | 13.579 | HH | 175723 | 4831503 | 28.53% | 0.365% |
| 311 | 13.582 | 13.579 | 13.589 | HH | 165476 | 961983  | 5.68%  | 0.073% |
| 312 | 13.611 | 13.589 | 13.633 | HH | 169175 | 4379089 | 25.86% | 0.330% |
| 313 | 13.647 | 13.633 | 13.669 | HH | 166222 | 3511172 | 20.73% | 0.265% |
| 314 | 13.709 | 13.669 | 13.735 | HH | 171299 | 6488808 | 38.31% | 0.490% |
| 315 | 13.751 | 13.735 | 13.755 | HH | 159433 | 1908843 | 11.27% | 0.144% |
| 316 | 13.770 | 13.755 | 13.779 | HH | 164311 | 2259568 | 13.34% | 0.171% |
| 317 | 13.800 | 13.779 | 13.829 | HH | 177005 | 4955379 | 29.26% | 0.374% |
| 318 | 13.868 | 13.829 | 13.915 | HH | 163407 | 8025347 | 47.39% | 0.606% |
| 319 | 13.938 | 13.915 | 13.995 | HH | 155229 | 7080972 | 41.81% | 0.534% |
| 320 | 14.002 | 13.995 | 14.007 | HH | 143773 | 1068067 | 6.31%  | 0.081% |
| 321 | 14.011 | 14.007 | 14.025 | HH | 143667 | 1524884 | 9.00%  | 0.115% |
| 322 | 14.035 | 14.025 | 14.047 | HH | 144580 | 1901203 | 11.23% | 0.143% |
| 323 | 14.064 | 14.047 | 14.112 | HH | 146265 | 5391778 | 31.84% | 0.407% |
| 324 | 14.120 | 14.112 | 14.152 | HH | 137072 | 3251277 | 19.20% | 0.245% |
| 325 | 14.156 | 14.152 | 14.162 | HH | 133564 | 790789  | 4.67%  | 0.060% |
| 326 | 14.193 | 14.162 | 14.228 | HH | 137638 | 5420444 | 32.00% | 0.409% |
| 327 | 14.247 | 14.228 | 14.259 | HH | 145200 | 2580773 | 15.24% | 0.195% |
| 328 | 14.263 | 14.259 | 14.329 | HH | 143001 | 5540051 | 32.71% | 0.418% |
| 329 | 14.368 | 14.329 | 14.392 | HH | 132072 | 4783153 | 28.24% | 0.361% |
| 330 | 14.402 | 14.392 | 14.440 | HH | 127754 | 3622355 | 21.39% | 0.273% |
| 331 | 14.454 | 14.440 | 14.486 | HH | 125562 | 3290565 | 19.43% | 0.248% |
| 332 | 14.503 | 14.486 | 14.540 | HH | 119508 | 3834600 | 22.64% | 0.289% |
| 333 | 14.543 | 14.540 | 14.552 | HH | 116843 | 821669  | 4.85%  | 0.062% |
| 334 | 14.561 | 14.552 | 14.584 | HH | 119303 | 2184657 | 12.90% | 0.165% |
| 335 | 14.591 | 14.584 | 14.611 | HH | 111588 | 1816106 | 10.72% | 0.137% |
| 336 | 14.672 | 14.611 | 14.681 | HH | 113687 | 4620228 | 27.28% | 0.349% |
| 337 | 14.698 | 14.681 | 14.717 | HH | 114380 | 2396278 | 14.15% | 0.181% |
| 338 | 14.720 | 14.717 | 14.732 | HH | 111276 | 982687  | 5.80%  | 0.074% |
| 339 | 14.743 | 14.732 | 14.767 | HH | 108394 | 2239128 | 13.22% | 0.169% |
| 340 | 14.789 | 14.767 | 14.795 | HH | 113495 | 1846687 | 10.90% | 0.139% |
| 341 | 14.802 | 14.795 | 14.828 | HH | 112763 | 2110004 | 12.46% | 0.159% |
| 342 | 14.832 | 14.828 | 14.870 | HH | 100961 | 2542541 | 15.01% | 0.192% |
| 343 | 14.878 | 14.870 | 14.883 | HH | 100062 | 738380  | 4.36%  | 0.056% |
| 344 | 14.891 | 14.883 | 14.895 | HH | 101839 | 765231  | 4.52%  | 0.058% |
| 345 | 14.915 | 14.895 | 14.946 | HH | 103068 | 3044510 | 17.98% | 0.230% |
| 346 | 14.950 | 14.946 | 14.969 | HH | 97431  | 1317002 | 7.78%  | 0.099% |
| 347 | 14.975 | 14.969 | 14.995 | HH | 97190  | 1483327 | 8.76%  | 0.112% |
| 348 | 15.003 | 14.995 | 15.025 | HH | 95776  | 1702094 | 10.05% | 0.128% |
| 349 | 15.034 | 15.025 | 15.052 | HH | 93379  | 1508683 | 8.91%  | 0.114% |
| 350 | 15.081 | 15.052 | 15.155 | HH | 96988  | 5738396 | 33.88% | 0.433% |
| 351 | 15.203 | 15.155 | 15.277 | HH | 102952 | 6722562 | 39.69% | 0.507% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 352    | 15.288 | 15.277 | 15.297 | HH | 87537 | 1035634 | 6.11%  | 0.078% |
| 353    | 15.302 | 15.297 | 15.352 | HH | 87042 | 2755669 | 16.27% | 0.208% |
| 354    | 15.363 | 15.352 | 15.380 | HH | 82870 | 1374102 | 8.11%  | 0.104% |
| 355    | 15.393 | 15.380 | 15.416 | HH | 83846 | 1821763 | 10.76% | 0.137% |
| 356    | 15.429 | 15.416 | 15.459 | HH | 84776 | 2121998 | 12.53% | 0.160% |
| 357    | 15.493 | 15.459 | 15.553 | HH | 89682 | 4686408 | 27.67% | 0.354% |
| 358    | 15.558 | 15.553 | 15.604 | HH | 80011 | 2436076 | 14.38% | 0.184% |
| 359    | 15.621 | 15.604 | 15.625 | HH | 78111 | 936135  | 5.53%  | 0.071% |
| 360    | 15.648 | 15.625 | 15.663 | HH | 79129 | 1817447 | 10.73% | 0.137% |
| 361    | 15.693 | 15.663 | 15.700 | HH | 80589 | 1715252 | 10.13% | 0.129% |
| 362    | 15.714 | 15.700 | 15.745 | HH | 81224 | 2143874 | 12.66% | 0.162% |
| 363    | 15.753 | 15.745 | 15.777 | HH | 76241 | 1438924 | 8.50%  | 0.109% |
| 364    | 15.792 | 15.777 | 15.800 | HH | 75516 | 1035095 | 6.11%  | 0.078% |
| 365    | 15.817 | 15.800 | 15.823 | HH | 74822 | 1017098 | 6.01%  | 0.077% |
| 366    | 15.871 | 15.823 | 15.902 | HH | 80969 | 3645991 | 21.53% | 0.275% |
| 367    | 15.921 | 15.902 | 15.941 | HH | 76321 | 1788828 | 10.56% | 0.135% |
| 368    | 15.970 | 15.941 | 15.978 | HH | 77929 | 1661929 | 9.81%  | 0.125% |
| 369    | 15.992 | 15.978 | 16.022 | HH | 82822 | 2119408 | 12.51% | 0.160% |
| 370    | 16.032 | 16.022 | 16.082 | HH | 77007 | 2679769 | 15.82% | 0.202% |
| 371    | 16.092 | 16.082 | 16.098 | HH | 74222 | 689147  | 4.07%  | 0.052% |
| 372    | 16.112 | 16.098 | 16.140 | HH | 75043 | 1880173 | 11.10% | 0.142% |
| 373    | 16.158 | 16.140 | 16.179 | HH | 74343 | 1656361 | 9.78%  | 0.125% |
| 374    | 16.187 | 16.179 | 16.198 | HH | 72138 | 844823  | 4.99%  | 0.064% |
| 375    | 16.206 | 16.198 | 16.211 | HH | 71523 | 526070  | 3.11%  | 0.040% |
| 376    | 16.218 | 16.211 | 16.224 | HH | 71640 | 556478  | 3.29%  | 0.042% |
| 377    | 16.233 | 16.224 | 16.240 | HH | 71726 | 713175  | 4.21%  | 0.054% |
| 378    | 16.247 | 16.240 | 16.267 | HH | 71913 | 1148917 | 6.78%  | 0.087% |
| 379    | 16.315 | 16.267 | 16.325 | HH | 73955 | 2539109 | 14.99% | 0.192% |
| 380    | 16.339 | 16.325 | 16.344 | HH | 74521 | 814617  | 4.81%  | 0.061% |
| 381    | 16.374 | 16.344 | 16.409 | HH | 77403 | 2974519 | 17.56% | 0.224% |
| 382    | 16.424 | 16.409 | 16.445 | HH | 75852 | 1561754 | 9.22%  | 0.118% |
| 383    | 16.484 | 16.445 | 16.492 | HH | 75509 | 2088061 | 12.33% | 0.158% |
| 384    | 16.496 | 16.492 | 16.517 | HH | 74938 | 1086954 | 6.42%  | 0.082% |
| 385    | 16.528 | 16.517 | 16.536 | HH | 72020 | 801519  | 4.73%  | 0.060% |
| 386    | 16.543 | 16.536 | 16.549 | HH | 71548 | 563159  | 3.33%  | 0.043% |
| 387    | 16.561 | 16.549 | 16.571 | HH | 71955 | 939127  | 5.55%  | 0.071% |
| 388    | 16.618 | 16.571 | 16.622 | HH | 75396 | 2229087 | 13.16% | 0.168% |
| 389    | 16.642 | 16.622 | 16.691 | HH | 78750 | 3109381 | 18.36% | 0.235% |
| 390    | 16.714 | 16.691 | 16.719 | HH | 73976 | 1223903 | 7.23%  | 0.092% |
| 391    | 16.722 | 16.719 | 16.726 | HH | 73212 | 271675  | 1.60%  | 0.021% |
| 392    | 16.729 | 16.726 | 16.733 | HH | 72957 | 321156  | 1.90%  | 0.024% |
| 393    | 16.740 | 16.733 | 16.749 | HH | 73439 | 706107  | 4.17%  | 0.053% |
| 394    | 16.754 | 16.749 | 16.772 | HH | 73183 | 994704  | 5.87%  | 0.075% |
| 395    | 16.781 | 16.772 | 16.799 | HH | 74250 | 1175580 | 6.94%  | 0.089% |
| 396    | 16.857 | 16.799 | 16.899 | HH | 83689 | 4559284 | 26.92% | 0.344% |
| 397    | 16.939 | 16.899 | 16.960 | HH | 77142 | 2747756 | 16.22% | 0.207% |
| 398    | 16.964 | 16.960 | 16.990 | HH | 75836 | 1311383 | 7.74%  | 0.099% |
| 399    | 17.027 | 16.990 | 17.056 | HH | 79598 | 3024920 | 17.86% | 0.228% |
| 400    | 17.082 | 17.056 | 17.089 | HH | 74419 | 1418205 | 8.37%  | 0.107% |
| 401    | 17.097 | 17.089 | 17.117 | HH | 74267 | 1252729 | 7.40%  | 0.095% |
| 402    | 17.122 | 17.117 | 17.140 | HH | 73865 | 1027193 | 6.07%  | 0.078% |
| 403    | 17.176 | 17.140 | 17.220 | HH | 79960 | 3668696 | 21.66% | 0.277% |
| 404    | 17.232 | 17.220 | 17.241 | HH | 75893 | 905772  | 5.35%  | 0.068% |



|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 405 | 17.264 | 17.241 | 17.280 | HH | 75588  | 1791250 | 10.58% | 0.135% |
| 406 | 17.283 | 17.280 | 17.316 | HH | 73814  | 1569733 | 9.27%  | 0.118% |
| 407 | 17.350 | 17.316 | 17.374 | HH | 75928  | 2553803 | 15.08% | 0.193% |
| 408 | 17.402 | 17.374 | 17.414 | HH | 76214  | 1787127 | 10.55% | 0.135% |
| 409 | 17.433 | 17.414 | 17.457 | HH | 77291  | 1979126 | 11.69% | 0.149% |
| 410 | 17.465 | 17.457 | 17.487 | HH | 77245  | 1362928 | 8.05%  | 0.103% |
| 411 | 17.505 | 17.487 | 17.528 | HH | 79196  | 1917184 | 11.32% | 0.145% |
| 412 | 17.546 | 17.528 | 17.567 | HH | 78671  | 1772001 | 10.46% | 0.134% |
| 413 | 17.575 | 17.567 | 17.585 | HH | 75696  | 786467  | 4.64%  | 0.059% |
| 414 | 17.593 | 17.585 | 17.602 | HH | 76035  | 790105  | 4.67%  | 0.060% |
| 415 | 17.642 | 17.602 | 17.660 | HH | 97800  | 2989381 | 17.65% | 0.226% |
| 416 | 17.669 | 17.660 | 17.725 | HH | 86655  | 3147724 | 18.59% | 0.238% |
| 417 | 17.735 | 17.725 | 17.740 | HH | 76769  | 650511  | 3.84%  | 0.049% |
| 418 | 17.746 | 17.740 | 17.768 | HH | 76796  | 1297279 | 7.66%  | 0.098% |
| 419 | 17.787 | 17.768 | 17.804 | HH | 79791  | 1678786 | 9.91%  | 0.127% |
| 420 | 17.841 | 17.804 | 17.879 | HH | 83194  | 3624734 | 21.40% | 0.274% |
| 421 | 17.883 | 17.879 | 17.908 | HH | 80261  | 1376238 | 8.13%  | 0.104% |
| 422 | 17.968 | 17.908 | 17.983 | HH | 82744  | 3629821 | 21.43% | 0.274% |
| 423 | 18.008 | 17.983 | 18.064 | HH | 111101 | 4244904 | 25.06% | 0.320% |
| 424 | 18.072 | 18.064 | 18.097 | HH | 79877  | 1591138 | 9.39%  | 0.120% |
| 425 | 18.102 | 18.097 | 18.112 | HH | 78877  | 693543  | 4.10%  | 0.052% |
| 426 | 18.131 | 18.112 | 18.145 | HH | 79807  | 1574355 | 9.30%  | 0.119% |
| 427 | 18.163 | 18.145 | 18.186 | HH | 82772  | 1980152 | 11.69% | 0.149% |
| 428 | 18.215 | 18.186 | 18.233 | HH | 82288  | 2255825 | 13.32% | 0.170% |
| 429 | 18.246 | 18.233 | 18.265 | HH | 81619  | 1570061 | 9.27%  | 0.118% |
| 430 | 18.304 | 18.265 | 18.319 | HH | 83215  | 2658799 | 15.70% | 0.201% |
| 431 | 18.338 | 18.319 | 18.367 | HH | 87034  | 2454927 | 14.50% | 0.185% |
| 432 | 18.383 | 18.367 | 18.404 | HH | 86204  | 1866826 | 11.02% | 0.141% |
| 433 | 18.431 | 18.404 | 18.458 | HH | 95127  | 2902071 | 17.14% | 0.219% |
| 434 | 18.476 | 18.458 | 18.499 | HH | 94479  | 2215359 | 13.08% | 0.167% |
| 435 | 18.530 | 18.499 | 18.544 | HH | 89379  | 2399402 | 14.17% | 0.181% |
| 436 | 18.553 | 18.544 | 18.573 | HH | 89093  | 1570588 | 9.27%  | 0.119% |
| 437 | 18.608 | 18.573 | 18.657 | HH | 91215  | 4463519 | 26.35% | 0.337% |
| 438 | 18.696 | 18.657 | 18.711 | HH | 90902  | 2878817 | 17.00% | 0.217% |
| 439 | 18.741 | 18.711 | 18.745 | HH | 95788  | 1951991 | 11.53% | 0.147% |
| 440 | 18.759 | 18.745 | 18.795 | HH | 98735  | 2814651 | 16.62% | 0.212% |
| 441 | 18.824 | 18.795 | 18.843 | HH | 97223  | 2714149 | 16.03% | 0.205% |
| 442 | 18.847 | 18.843 | 18.858 | HH | 93547  | 856095  | 5.05%  | 0.065% |
| 443 | 18.874 | 18.858 | 18.883 | HH | 92876  | 1346836 | 7.95%  | 0.102% |
| 444 | 18.901 | 18.883 | 18.912 | HH | 96357  | 1690925 | 9.98%  | 0.128% |
| 445 | 18.918 | 18.912 | 18.929 | HH | 95684  | 937228  | 5.53%  | 0.071% |
| 446 | 18.936 | 18.929 | 18.965 | HH | 96525  | 2091597 | 12.35% | 0.158% |
| 447 | 18.971 | 18.965 | 18.977 | HH | 93694  | 654933  | 3.87%  | 0.049% |
| 448 | 18.993 | 18.977 | 19.000 | HH | 95253  | 1323013 | 7.81%  | 0.100% |
| 449 | 19.017 | 19.000 | 19.034 | HH | 96198  | 1948334 | 11.50% | 0.147% |
| 450 | 19.059 | 19.034 | 19.073 | HH | 97684  | 2257869 | 13.33% | 0.170% |
| 451 | 19.086 | 19.073 | 19.094 | HH | 98845  | 1192387 | 7.04%  | 0.090% |
| 452 | 19.136 | 19.094 | 19.151 | HH | 108742 | 3570394 | 21.08% | 0.269% |
| 453 | 19.155 | 19.151 | 19.173 | HH | 105552 | 1370564 | 8.09%  | 0.103% |
| 454 | 19.178 | 19.173 | 19.182 | HH | 103707 | 547760  | 3.23%  | 0.041% |
| 455 | 19.191 | 19.182 | 19.204 | HH | 104447 | 1391720 | 8.22%  | 0.105% |
| 456 | 19.229 | 19.204 | 19.246 | HH | 108551 | 2648743 | 15.64% | 0.200% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 457    | 19.252 | 19.246 | 19.262 | HH | 106965 | 1051427 | 6.21%  | 0.079% |
| 458    | 19.270 | 19.262 | 19.282 | HH | 107340 | 1295494 | 7.65%  | 0.098% |
| 459    | 19.306 | 19.282 | 19.314 | HH | 109850 | 2037101 | 12.03% | 0.154% |
| 460    | 19.330 | 19.314 | 19.340 | HH | 110495 | 1705710 | 10.07% | 0.129% |
|        |        |        |        |    |        |         |        |        |
| 461    | 19.348 | 19.340 | 19.368 | HH | 109535 | 1849622 | 10.92% | 0.140% |
| 462    | 19.375 | 19.368 | 19.385 | HH | 109387 | 1131435 | 6.68%  | 0.085% |
| 463    | 19.394 | 19.385 | 19.407 | HH | 111255 | 1404858 | 8.29%  | 0.106% |
| 464    | 19.411 | 19.407 | 19.424 | HH | 111292 | 1159551 | 6.85%  | 0.088% |
| 465    | 19.431 | 19.424 | 19.435 | HH | 111208 | 742686  | 4.39%  | 0.056% |
|        |        |        |        |    |        |         |        |        |
| 466    | 19.458 | 19.435 | 19.479 | HH | 116036 | 2961595 | 17.49% | 0.224% |
| 467    | 19.506 | 19.479 | 19.516 | HH | 117258 | 2604425 | 15.38% | 0.197% |
| 468    | 19.525 | 19.516 | 19.540 | HH | 116908 | 1672242 | 9.87%  | 0.126% |
| 469    | 19.551 | 19.540 | 19.572 | HH | 116189 | 2196288 | 12.97% | 0.166% |
| 470    | 19.588 | 19.572 | 19.595 | HH | 117966 | 1623634 | 9.59%  | 0.123% |
|        |        |        |        |    |        |         |        |        |
| 471    | 19.605 | 19.595 | 19.610 | HH | 121076 | 1024001 | 6.05%  | 0.077% |
| 472    | 19.650 | 19.610 | 19.661 | HH | 124267 | 3786209 | 22.36% | 0.286% |
| 473    | 19.679 | 19.661 | 19.690 | HH | 124150 | 2132304 | 12.59% | 0.161% |
| 474    | 19.696 | 19.690 | 19.700 | HH | 122760 | 749025  | 4.42%  | 0.057% |
| 475    | 19.706 | 19.700 | 19.712 | HH | 122803 | 822839  | 4.86%  | 0.062% |
|        |        |        |        |    |        |         |        |        |
| 476    | 19.722 | 19.712 | 19.728 | HH | 123684 | 1190386 | 7.03%  | 0.090% |
| 477    | 19.748 | 19.728 | 19.769 | HH | 127540 | 3058543 | 18.06% | 0.231% |
| 478    | 19.775 | 19.769 | 19.782 | HH | 123613 | 996845  | 5.89%  | 0.075% |
| 479    | 19.793 | 19.782 | 19.818 | HH | 124862 | 2638665 | 15.58% | 0.199% |
| 480    | 19.823 | 19.818 | 19.829 | HH | 121790 | 816179  | 4.82%  | 0.062% |
|        |        |        |        |    |        |         |        |        |
| 481    | 19.851 | 19.829 | 19.856 | HH | 126244 | 2027684 | 11.97% | 0.153% |
| 482    | 19.904 | 19.856 | 19.914 | HH | 131153 | 4412738 | 26.05% | 0.333% |
| 483    | 19.928 | 19.914 | 19.933 | HH | 130173 | 1516923 | 8.96%  | 0.114% |
| 484    | 19.955 | 19.933 | 19.979 | HH | 133555 | 3596303 | 21.23% | 0.271% |
| 485    | 19.986 | 19.979 | 19.991 | HH | 132357 | 962116  | 5.68%  | 0.073% |
|        |        |        |        |    |        |         |        |        |
| 486    | 20.008 | 19.991 | 20.027 | HH | 135077 | 2882975 | 17.02% | 0.218% |
| 487    | 20.037 | 20.027 | 20.042 | HH | 133974 | 1197925 | 7.07%  | 0.090% |
| 488    | 20.064 | 20.042 | 20.073 | HH | 136241 | 2502908 | 14.78% | 0.189% |
| 489    | 20.085 | 20.073 | 20.090 | HH | 136080 | 1356686 | 8.01%  | 0.102% |
| 490    | 20.109 | 20.090 | 20.118 | HH | 139670 | 2358171 | 13.92% | 0.178% |
|        |        |        |        |    |        |         |        |        |
| 491    | 20.132 | 20.118 | 20.140 | HH | 139007 | 1771871 | 10.46% | 0.134% |
| 492    | 20.145 | 20.140 | 20.153 | HH | 137890 | 1102571 | 6.51%  | 0.083% |
| 493    | 20.159 | 20.153 | 20.162 | HH | 136897 | 696912  | 4.11%  | 0.053% |
| 494    | 20.173 | 20.162 | 20.180 | HH | 138940 | 1511219 | 8.92%  | 0.114% |
| 495    | 20.205 | 20.180 | 20.218 | HH | 141767 | 3201855 | 18.91% | 0.242% |
|        |        |        |        |    |        |         |        |        |
| 496    | 20.226 | 20.218 | 20.232 | HH | 141360 | 1167044 | 6.89%  | 0.088% |
| 497    | 20.241 | 20.232 | 20.247 | HH | 142598 | 1302372 | 7.69%  | 0.098% |
| 498    | 20.257 | 20.247 | 20.272 | HH | 144173 | 2128702 | 12.57% | 0.161% |
| 499    | 20.366 | 20.272 | 20.381 | HH | 152434 | 9565227 | 56.48% | 0.722% |
| 500    | 20.386 | 20.381 | 20.393 | HH | 150307 | 1137524 | 6.72%  | 0.086% |
|        |        |        |        |    |        |         |        |        |
| 501    | 20.403 | 20.393 | 20.420 | HH | 150835 | 2428712 | 14.34% | 0.183% |
| 502    | 20.434 | 20.420 | 20.473 | HH | 150710 | 4733076 | 27.95% | 0.357% |
| 503    | 20.484 | 20.473 | 20.497 | HH | 150393 | 2129712 | 12.57% | 0.161% |
| 504    | 20.508 | 20.497 | 20.526 | HH | 150225 | 2575425 | 15.21% | 0.194% |
| 505    | 20.533 | 20.526 | 20.550 | HH | 149278 | 2131167 | 12.58% | 0.161% |
|        |        |        |        |    |        |         |        |        |
| 506    | 20.557 | 20.550 | 20.564 | HH | 146170 | 1201205 | 7.09%  | 0.091% |
| 507    | 20.570 | 20.564 | 20.580 | HH | 146957 | 1451811 | 8.57%  | 0.110% |
| 508    | 20.587 | 20.580 | 20.610 | HH | 143888 | 2565834 | 15.15% | 0.194% |
| 509    | 20.632 | 20.610 | 20.653 | HH | 144866 | 3688198 | 21.78% | 0.278% |

|     |        |        |        |     |                         |            |        |        |
|-----|--------|--------|--------|-----|-------------------------|------------|--------|--------|
|     |        |        |        |     |                         | rters      |        |        |
| 510 | 20.666 | 20.653 | 20.683 | HH  | 146617                  | 2635207    | 15.56% | 0.199% |
| 511 | 20.691 | 20.683 | 20.707 | HH  | 145729                  | 2087108    | 12.32% | 0.158% |
| 512 | 20.719 | 20.707 | 20.736 | HH  | 146626                  | 2537438    | 14.98% | 0.191% |
| 513 | 20.757 | 20.736 | 20.779 | HH  | 147758                  | 3754354    | 22.17% | 0.283% |
| 514 | 20.784 | 20.779 | 20.809 | HH  | 143433                  | 2531165    | 14.95% | 0.191% |
| 515 | 20.813 | 20.809 | 20.824 | HH  | 139648                  | 1295784    | 7.65%  | 0.098% |
| 516 | 20.837 | 20.824 | 20.842 | HH  | 137303                  | 1446255    | 8.54%  | 0.109% |
| 517 | 20.846 | 20.842 | 20.860 | HH  | 137060                  | 1471039    | 8.69%  | 0.111% |
| 518 | 20.865 | 20.860 | 20.884 | HH  | 136602                  | 1932091    | 11.41% | 0.146% |
| 519 | 20.907 | 20.884 | 20.917 | HH  | 137960                  | 2684642    | 15.85% | 0.203% |
| 520 | 20.963 | 20.917 | 20.980 | HH  | 143354                  | 5393112    | 31.84% | 0.407% |
| 521 | 20.983 | 20.980 | 20.989 | HH  | 142180                  | 732665     | 4.33%  | 0.055% |
| 522 | 20.997 | 20.989 | 21.012 | HH  | 142370                  | 1939138    | 11.45% | 0.146% |
| 523 | 21.019 | 21.012 | 21.031 | HH  | 141887                  | 1572333    | 9.28%  | 0.119% |
| 524 | 21.047 | 21.031 | 21.054 | HH  | 141439                  | 2013882    | 11.89% | 0.152% |
| 525 | 21.059 | 21.054 | 21.089 | HH  | 140949                  | 2917383    | 17.23% | 0.220% |
| 526 | 21.095 | 21.089 | 21.127 | HH  | 137000                  | 3035654    | 17.92% | 0.229% |
| 527 | 21.135 | 21.127 | 21.142 | HH  | 133717                  | 1228919    | 7.26%  | 0.093% |
| 528 | 21.147 | 21.142 | 21.178 | HH  | 132876                  | 2801843    | 16.54% | 0.211% |
| 529 | 21.192 | 21.178 | 21.204 | HH  | 130937                  | 2042072    | 12.06% | 0.154% |
| 530 | 21.234 | 21.204 | 21.239 | HH  | 133479                  | 2756183    | 16.27% | 0.208% |
| 531 | 21.245 | 21.239 | 21.254 | HH  | 133777                  | 1241815    | 7.33%  | 0.094% |
| 532 | 21.259 | 21.254 | 21.263 | HH  | 133210                  | 730075     | 4.31%  | 0.055% |
| 533 | 21.268 | 21.263 | 21.280 | HH  | 133604                  | 1313549    | 7.76%  | 0.099% |
| 534 | 21.288 | 21.280 | 21.295 | HH  | 133329                  | 1245390    | 7.35%  | 0.094% |
| 535 | 21.300 | 21.295 | 21.320 | HH  | 132609                  | 1912165    | 11.29% | 0.144% |
| 536 | 21.336 | 21.320 | 21.347 | HH  | 133356                  | 2147613    | 12.68% | 0.162% |
| 537 | 21.376 | 21.347 | 21.383 | HH  | 134613                  | 2893607    | 17.09% | 0.218% |
| 538 | 21.389 | 21.383 | 21.404 | HH  | 133978                  | 1682804    | 9.94%  | 0.127% |
| 539 | 21.414 | 21.404 | 21.422 | HH  | 134829                  | 1471096    | 8.69%  | 0.111% |
| 540 | 21.428 | 21.422 | 21.441 | HH  | 133182                  | 1485698    | 8.77%  | 0.112% |
| 541 | 21.452 | 21.441 | 21.489 | HH  | 131735                  | 3740832    | 22.09% | 0.282% |
| 542 | 21.495 | 21.489 | 21.515 | HH  | 129608                  | 2064907    | 12.19% | 0.156% |
| 543 | 21.521 | 21.515 | 21.531 | HH  | 128079                  | 1223207    | 7.22%  | 0.092% |
| 544 | 21.559 | 21.531 | 21.577 | HH  | 129267                  | 3507358    | 20.71% | 0.265% |
| 545 | 21.597 | 21.577 | 21.604 | HH  | 130841                  | 2124834    | 12.55% | 0.160% |
| 546 | 21.612 | 21.604 | 21.688 | HH  | 131456                  | 6346114    | 37.47% | 0.479% |
| 547 | 21.697 | 21.688 | 21.706 | HH  | 122994                  | 1330970    | 7.86%  | 0.100% |
| 548 | 21.720 | 21.706 | 21.727 | HH  | 123351                  | 1526692    | 9.01%  | 0.115% |
| 549 | 21.735 | 21.727 | 21.755 | HH  | 123182                  | 2070184    | 12.22% | 0.156% |
| 550 | 21.768 | 21.755 | 21.784 | HH  | 122953                  | 2123987    | 12.54% | 0.160% |
| 551 | 21.795 | 21.784 | 21.800 | HHA | 122786                  | 1251980    | 7.39%  | 0.094% |
|     |        |        |        |     | Sum of corrected areas: | 1325059157 |        |        |

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