

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071118\  
 Data File : FE028200.D  
 Signal(s) : FID1B.CH  
 Acq On : 11 Jul 2018 15:05  
 Sample : J3897-03MS 5X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\C44-FE062618.M  
 Title :

Signal : FID1B.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         | 2.606       | 2.555        | 2.674      | BH       | 51325          | 342035       | 1.86%          | 0.049%        |
| 2         | 2.684       | 2.674        | 2.711      | PH       | -217           | -7940        | -0.04%         | -0.001%       |
| 3         | 2.719       | 2.711        | 2.740      | PH       | -300           | -5723        | -0.03%         | -0.001%       |
| 4         | 2.751       | 2.740        | 2.761      | PH       | -252           | -3974        | -0.02%         | -0.001%       |
| 5         | 2.791       | 2.761        | 2.828      | PH       | 724            | -2378        | -0.01%         | -0.000%       |
| 6         | 2.838       | 2.828        | 2.855      | PH       | -98            | -3636        | -0.02%         | -0.001%       |
| 7         | 2.872       | 2.855        | 2.882      | PH       | 927            | 4349         | 0.02%          | 0.001%        |
| 8         | 2.892       | 2.882        | 2.929      | HH       | 645            | 4208         | 0.02%          | 0.001%        |
| 9         | 2.944       | 2.929        | 2.957      | PH       | 535            | 590          | 0.00%          | 0.000%        |
| 10        | 2.970       | 2.957        | 3.058      | PH       | 69             | -7387        | -0.04%         | -0.001%       |
| 11        | 3.075       | 3.058        | 3.124      | PH       | 340            | -1942        | -0.01%         | -0.000%       |
| 12        | 3.166       | 3.124        | 3.198      | PH       | 1781           | 13247        | 0.07%          | 0.002%        |
| 13        | 3.214       | 3.198        | 3.223      | PH       | -76            | -2114        | -0.01%         | -0.000%       |
| 14        | 3.240       | 3.223        | 3.282      | PH       | 221            | 1451         | 0.01%          | 0.000%        |
| 15        | 3.295       | 3.282        | 3.304      | PH       | 99             | 231          | 0.00%          | 0.000%        |
| 16        | 3.321       | 3.304        | 3.335      | HH       | 631            | 6029         | 0.03%          | 0.001%        |
| 17        | 3.344       | 3.335        | 3.364      | HH       | 472            | 4890         | 0.03%          | 0.001%        |
| 18        | 3.393       | 3.364        | 3.406      | HH       | 1670           | 14605        | 0.08%          | 0.002%        |
| 19        | 3.418       | 3.406        | 3.438      | HH       | 1238           | 10069        | 0.05%          | 0.001%        |
| 20        | 3.454       | 3.438        | 3.475      | PH       | 235            | 2820         | 0.02%          | 0.000%        |
| 21        | 3.485       | 3.475        | 3.498      | PH       | 131            | 472          | 0.00%          | 0.000%        |
| 22        | 3.547       | 3.498        | 3.581      | PH       | 153            | 1276         | 0.01%          | 0.000%        |
| 23        | 3.592       | 3.581        | 3.603      | PH       | 33             | -234         | -0.00%         | -0.000%       |
| 24        | 3.633       | 3.603        | 3.649      | PH       | 1100           | 8244         | 0.04%          | 0.001%        |
| 25        | 3.662       | 3.649        | 3.678      | PH       | 350            | 2630         | 0.01%          | 0.000%        |
| 26        | 3.688       | 3.678        | 3.705      | PH       | 11             | -244         | -0.00%         | -0.000%       |
| 27        | 3.742       | 3.705        | 3.755      | PH       | 300            | 2308         | 0.01%          | 0.000%        |
| 28        | 3.769       | 3.755        | 3.781      | HH       | 320            | 2829         | 0.02%          | 0.000%        |
| 29        | 3.794       | 3.781        | 3.805      | HH       | 324            | 2688         | 0.01%          | 0.000%        |
| 30        | 3.815       | 3.805        | 3.822      | HH       | 199            | 1320         | 0.01%          | 0.000%        |
| 31        | 3.837       | 3.822        | 3.877      | HH       | 612            | 7875         | 0.04%          | 0.001%        |
| 32        | 3.913       | 3.877        | 3.931      | PH       | 705            | 12949        | 0.07%          | 0.002%        |
| 33        | 3.943       | 3.931        | 3.985      | HH       | 1382           | 20807        | 0.11%          | 0.003%        |
| 34        | 4.008       | 3.985        | 4.026      | HH       | 1414           | 17158        | 0.09%          | 0.002%        |
| 35        | 4.036       | 4.026        | 4.041      | HH       | 562            | 4876         | 0.03%          | 0.001%        |
| 36        | 4.053       | 4.041        | 4.067      | HH       | 881            | 9151         | 0.05%          | 0.001%        |

| rteres.txt |       |       |       |    |       |        |       |        |
|------------|-------|-------|-------|----|-------|--------|-------|--------|
| 37         | 4.084 | 4.067 | 4.098 | HH | 1013  | 11462  | 0.06% | 0.002% |
| 38         | 4.113 | 4.098 | 4.124 | HH | 943   | 11263  | 0.06% | 0.002% |
| 39         | 4.138 | 4.124 | 4.172 | HH | 1540  | 25571  | 0.14% | 0.004% |
| 40         | 4.189 | 4.172 | 4.204 | HH | 1788  | 18837  | 0.10% | 0.003% |
| 41         | 4.223 | 4.204 | 4.279 | HH | 1660  | 41505  | 0.23% | 0.006% |
| 42         | 4.300 | 4.279 | 4.371 | HH | 4514  | 96331  | 0.52% | 0.014% |
| 43         | 4.399 | 4.371 | 4.430 | HH | 1385  | 38016  | 0.21% | 0.005% |
| 44         | 4.480 | 4.430 | 4.493 | HH | 2599  | 44316  | 0.24% | 0.006% |
| 45         | 4.504 | 4.493 | 4.541 | HH | 2050  | 39093  | 0.21% | 0.006% |
| 46         | 4.558 | 4.541 | 4.608 | HH | 1289  | 35601  | 0.19% | 0.005% |
| 47         | 4.635 | 4.608 | 4.661 | HH | 993   | 25515  | 0.14% | 0.004% |
| 48         | 4.671 | 4.661 | 4.680 | HH | 1012  | 10327  | 0.06% | 0.001% |
| 49         | 4.706 | 4.680 | 4.747 | HH | 74984 | 638350 | 3.47% | 0.091% |
| 50         | 4.763 | 4.747 | 4.774 | HH | 1636  | 20756  | 0.11% | 0.003% |
| 51         | 4.787 | 4.774 | 4.802 | HH | 1607  | 21158  | 0.12% | 0.003% |
| 52         | 4.814 | 4.802 | 4.850 | HH | 1185  | 29206  | 0.16% | 0.004% |
| 53         | 4.870 | 4.850 | 4.899 | HH | 1333  | 31943  | 0.17% | 0.005% |
| 54         | 4.916 | 4.899 | 4.928 | HH | 1376  | 20470  | 0.11% | 0.003% |
| 55         | 4.940 | 4.928 | 4.948 | HH | 1589  | 16893  | 0.09% | 0.002% |
| 56         | 4.962 | 4.948 | 4.981 | HH | 2530  | 33086  | 0.18% | 0.005% |
| 57         | 4.998 | 4.981 | 5.035 | HH | 1735  | 39127  | 0.21% | 0.006% |
| 58         | 5.061 | 5.035 | 5.085 | HH | 1696  | 42864  | 0.23% | 0.006% |
| 59         | 5.098 | 5.085 | 5.113 | HH | 2435  | 29944  | 0.16% | 0.004% |
| 60         | 5.131 | 5.113 | 5.155 | HH | 2490  | 42541  | 0.23% | 0.006% |
| 61         | 5.170 | 5.155 | 5.182 | HH | 1448  | 19961  | 0.11% | 0.003% |
| 62         | 5.199 | 5.182 | 5.219 | HH | 1621  | 29351  | 0.16% | 0.004% |
| 63         | 5.277 | 5.219 | 5.288 | HH | 1595  | 54778  | 0.30% | 0.008% |
| 64         | 5.318 | 5.288 | 5.333 | HH | 2021  | 46608  | 0.25% | 0.007% |
| 65         | 5.350 | 5.333 | 5.369 | HH | 2125  | 37156  | 0.20% | 0.005% |
| 66         | 5.389 | 5.369 | 5.426 | HH | 1851  | 50318  | 0.27% | 0.007% |
| 67         | 5.450 | 5.426 | 5.481 | HH | 2529  | 59835  | 0.33% | 0.009% |
| 68         | 5.492 | 5.481 | 5.511 | HH | 1531  | 24209  | 0.13% | 0.003% |
| 69         | 5.527 | 5.511 | 5.543 | HH | 1408  | 23696  | 0.13% | 0.003% |
| 70         | 5.570 | 5.543 | 5.617 | HH | 3080  | 73002  | 0.40% | 0.010% |
| 71         | 5.646 | 5.617 | 5.669 | HH | 1608  | 45838  | 0.25% | 0.007% |
| 72         | 5.682 | 5.669 | 5.698 | HH | 1366  | 23123  | 0.13% | 0.003% |
| 73         | 5.705 | 5.698 | 5.731 | HH | 1378  | 24912  | 0.14% | 0.004% |
| 74         | 5.748 | 5.731 | 5.780 | HH | 4886  | 72250  | 0.39% | 0.010% |
| 75         | 5.796 | 5.780 | 5.814 | HH | 2136  | 35363  | 0.19% | 0.005% |
| 76         | 5.828 | 5.814 | 5.853 | HH | 1642  | 34956  | 0.19% | 0.005% |
| 77         | 5.865 | 5.853 | 5.881 | HH | 1642  | 25325  | 0.14% | 0.004% |
| 78         | 5.895 | 5.881 | 5.924 | HH | 1633  | 39213  | 0.21% | 0.006% |
| 79         | 5.952 | 5.924 | 5.978 | HH | 1814  | 53469  | 0.29% | 0.008% |
| 80         | 5.995 | 5.978 | 6.018 | HH | 1697  | 36467  | 0.20% | 0.005% |
| 81         | 6.033 | 6.018 | 6.045 | HH | 2078  | 28856  | 0.16% | 0.004% |
| 82         | 6.060 | 6.045 | 6.085 | HH | 2173  | 43524  | 0.24% | 0.006% |
| 83         | 6.100 | 6.085 | 6.117 | HH | 1903  | 32161  | 0.18% | 0.005% |
| 84         | 6.169 | 6.117 | 6.245 | HH | 3186  | 159491 | 0.87% | 0.023% |
| 85         | 6.272 | 6.245 | 6.304 | HH | 2369  | 75150  | 0.41% | 0.011% |
| 86         | 6.324 | 6.304 | 6.368 | HH | 6747  | 120424 | 0.66% | 0.017% |
| 87         | 6.391 | 6.368 | 6.411 | HH | 2196  | 49830  | 0.27% | 0.007% |
| 88         | 6.423 | 6.411 | 6.427 | HH | 2023  | 18992  | 0.10% | 0.003% |
| 89         | 6.459 | 6.427 | 6.485 | HH | 2570  | 74812  | 0.41% | 0.011% |

|     |       |       |       |    |            |        |       |        |
|-----|-------|-------|-------|----|------------|--------|-------|--------|
|     |       |       |       |    | rteres.txt |        |       |        |
| 90  | 6.531 | 6.485 | 6.557 | HH | 3869       | 102433 | 0.56% | 0.015% |
| 91  | 6.583 | 6.557 | 6.601 | HH | 3644       | 70958  | 0.39% | 0.010% |
| 92  | 6.619 | 6.601 | 6.645 | HH | 2429       | 56731  | 0.31% | 0.008% |
| 93  | 6.669 | 6.645 | 6.705 | HH | 2221       | 73162  | 0.40% | 0.010% |
| 94  | 6.735 | 6.705 | 6.805 | HH | 72997      | 746886 | 4.07% | 0.106% |
| 95  | 6.820 | 6.805 | 6.841 | HH | 1999       | 41794  | 0.23% | 0.006% |
| 96  | 6.853 | 6.841 | 6.865 | HH | 2132       | 28084  | 0.15% | 0.004% |
| 97  | 6.886 | 6.865 | 6.916 | HH | 2777       | 64838  | 0.35% | 0.009% |
| 98  | 6.947 | 6.916 | 6.998 | HH | 2007       | 89012  | 0.48% | 0.013% |
| 99  | 7.031 | 6.998 | 7.047 | HH | 2050       | 53642  | 0.29% | 0.008% |
| 100 | 7.080 | 7.047 | 7.111 | HH | 2327       | 77660  | 0.42% | 0.011% |
| 101 | 7.128 | 7.111 | 7.144 | HH | 2030       | 38627  | 0.21% | 0.006% |
| 102 | 7.164 | 7.144 | 7.191 | HH | 2067       | 55002  | 0.30% | 0.008% |
| 103 | 7.235 | 7.191 | 7.263 | HH | 2206       | 89417  | 0.49% | 0.013% |
| 104 | 7.274 | 7.263 | 7.287 | HH | 2204       | 31032  | 0.17% | 0.004% |
| 105 | 7.298 | 7.287 | 7.325 | HH | 2266       | 47361  | 0.26% | 0.007% |
| 106 | 7.339 | 7.325 | 7.355 | HH | 2301       | 38001  | 0.21% | 0.005% |
| 107 | 7.385 | 7.355 | 7.409 | HH | 6354       | 112031 | 0.61% | 0.016% |
| 108 | 7.442 | 7.409 | 7.491 | HH | 3311       | 129112 | 0.70% | 0.018% |
| 109 | 7.522 | 7.491 | 7.588 | HH | 5983       | 179700 | 0.98% | 0.026% |
| 110 | 7.612 | 7.588 | 7.626 | HH | 2449       | 53950  | 0.29% | 0.008% |
| 111 | 7.666 | 7.626 | 7.722 | HH | 4464       | 154662 | 0.84% | 0.022% |
| 112 | 7.791 | 7.722 | 7.815 | HH | 2433       | 126157 | 0.69% | 0.018% |
| 113 | 7.858 | 7.815 | 7.875 | HH | 2640       | 85355  | 0.46% | 0.012% |
| 114 | 7.898 | 7.875 | 7.938 | HH | 2594       | 91837  | 0.50% | 0.013% |
| 115 | 7.980 | 7.938 | 7.994 | HH | 2534       | 77256  | 0.42% | 0.011% |
| 116 | 8.067 | 7.994 | 8.091 | HH | 3520       | 169664 | 0.92% | 0.024% |
| 117 | 8.112 | 8.091 | 8.177 | HH | 3567       | 148985 | 0.81% | 0.021% |
| 118 | 8.236 | 8.177 | 8.253 | HH | 2940       | 122119 | 0.66% | 0.017% |
| 119 | 8.281 | 8.253 | 8.308 | HH | 4461       | 114446 | 0.62% | 0.016% |
| 120 | 8.320 | 8.308 | 8.345 | HH | 3108       | 62083  | 0.34% | 0.009% |
| 121 | 8.366 | 8.345 | 8.375 | HH | 4259       | 62759  | 0.34% | 0.009% |
| 122 | 8.387 | 8.375 | 8.413 | HH | 5168       | 89962  | 0.49% | 0.013% |
| 123 | 8.438 | 8.413 | 8.471 | HH | 4289       | 118529 | 0.65% | 0.017% |
| 124 | 8.490 | 8.471 | 8.504 | HH | 5578       | 82570  | 0.45% | 0.012% |
| 125 | 8.542 | 8.504 | 8.591 | HH | 70889      | 799301 | 4.35% | 0.114% |
| 126 | 8.611 | 8.591 | 8.635 | HH | 29606      | 308544 | 1.68% | 0.044% |
| 127 | 8.682 | 8.635 | 8.716 | HH | 8292       | 226555 | 1.23% | 0.032% |
| 128 | 8.727 | 8.716 | 8.751 | HH | 3517       | 67965  | 0.37% | 0.010% |
| 129 | 8.769 | 8.751 | 8.861 | HH | 3795       | 200776 | 1.09% | 0.029% |
| 130 | 8.928 | 8.861 | 8.942 | HH | 3436       | 151058 | 0.82% | 0.022% |
| 131 | 8.976 | 8.942 | 8.999 | HH | 15032      | 219535 | 1.20% | 0.031% |
| 132 | 9.014 | 8.999 | 9.045 | HH | 4089       | 103681 | 0.56% | 0.015% |
| 133 | 9.054 | 9.045 | 9.064 | HH | 3678       | 41340  | 0.23% | 0.006% |
| 134 | 9.082 | 9.064 | 9.108 | HH | 4965       | 106395 | 0.58% | 0.015% |
| 135 | 9.132 | 9.108 | 9.152 | HH | 3910       | 93168  | 0.51% | 0.013% |
| 136 | 9.171 | 9.152 | 9.182 | HH | 3729       | 63751  | 0.35% | 0.009% |
| 137 | 9.215 | 9.182 | 9.231 | HH | 4811       | 121730 | 0.66% | 0.017% |
| 138 | 9.250 | 9.231 | 9.267 | HH | 6875       | 108354 | 0.59% | 0.015% |
| 139 | 9.284 | 9.267 | 9.324 | HH | 4944       | 139334 | 0.76% | 0.020% |
| 140 | 9.367 | 9.324 | 9.399 | HH | 6483       | 198473 | 1.08% | 0.028% |
| 141 | 9.424 | 9.399 | 9.468 | HH | 4478       | 154241 | 0.84% | 0.022% |

|     |        |        |        |    |            |         |       |        |
|-----|--------|--------|--------|----|------------|---------|-------|--------|
|     |        |        |        |    | rteres.txt |         |       |        |
| 142 | 9.484  | 9.468  | 9.509  | HH | 3512       | 84506   | 0.46% | 0.012% |
| 143 | 9.543  | 9.509  | 9.562  | HH | 6172       | 142619  | 0.78% | 0.020% |
| 144 | 9.572  | 9.562  | 9.591  | HH | 4447       | 70100   | 0.38% | 0.010% |
| 145 | 9.600  | 9.591  | 9.613  | HH | 3591       | 47192   | 0.26% | 0.007% |
| 146 | 9.631  | 9.613  | 9.645  | HH | 3865       | 68666   | 0.37% | 0.010% |
| 147 | 9.678  | 9.645  | 9.699  | HH | 4508       | 125981  | 0.69% | 0.018% |
| 148 | 9.726  | 9.699  | 9.733  | HH | 4042       | 78763   | 0.43% | 0.011% |
| 149 | 9.766  | 9.733  | 9.816  | HH | 8947       | 257399  | 1.40% | 0.037% |
| 150 | 9.845  | 9.816  | 9.868  | HH | 5323       | 142307  | 0.77% | 0.020% |
| 151 | 9.879  | 9.868  | 9.898  | HH | 4530       | 75476   | 0.41% | 0.011% |
| 152 | 9.919  | 9.898  | 9.954  | HH | 5599       | 160588  | 0.87% | 0.023% |
| 153 | 9.980  | 9.954  | 10.017 | HH | 6175       | 177433  | 0.97% | 0.025% |
| 154 | 10.033 | 10.017 | 10.055 | HH | 4464       | 97336   | 0.53% | 0.014% |
| 155 | 10.088 | 10.055 | 10.121 | HH | 7170       | 207943  | 1.13% | 0.030% |
| 156 | 10.151 | 10.121 | 10.176 | HH | 65728      | 720053  | 3.92% | 0.103% |
| 157 | 10.189 | 10.176 | 10.205 | HH | 6259       | 95051   | 0.52% | 0.014% |
| 158 | 10.216 | 10.205 | 10.235 | HH | 5234       | 86438   | 0.47% | 0.012% |
| 159 | 10.255 | 10.235 | 10.299 | HH | 5223       | 173057  | 0.94% | 0.025% |
| 160 | 10.319 | 10.299 | 10.343 | HH | 4386       | 113307  | 0.62% | 0.016% |
| 161 | 10.357 | 10.343 | 10.378 | HH | 4241       | 88473   | 0.48% | 0.013% |
| 162 | 10.432 | 10.378 | 10.445 | HH | 4191       | 164950  | 0.90% | 0.023% |
| 163 | 10.472 | 10.445 | 10.483 | HH | 4367       | 98099   | 0.53% | 0.014% |
| 164 | 10.509 | 10.483 | 10.518 | HH | 4701       | 95138   | 0.52% | 0.014% |
| 165 | 10.545 | 10.518 | 10.573 | HH | 5568       | 162380  | 0.88% | 0.023% |
| 166 | 10.588 | 10.573 | 10.603 | HH | 5084       | 87363   | 0.48% | 0.012% |
| 167 | 10.622 | 10.603 | 10.638 | HH | 5151       | 107277  | 0.58% | 0.015% |
| 168 | 10.652 | 10.638 | 10.672 | HH | 5738       | 108869  | 0.59% | 0.016% |
| 169 | 10.694 | 10.672 | 10.720 | HH | 5971       | 150571  | 0.82% | 0.021% |
| 170 | 10.741 | 10.720 | 10.750 | HH | 5405       | 92232   | 0.50% | 0.013% |
| 171 | 10.769 | 10.750 | 10.800 | HH | 5912       | 168072  | 0.91% | 0.024% |
| 172 | 10.828 | 10.800 | 10.874 | HH | 10856      | 330210  | 1.80% | 0.047% |
| 173 | 10.893 | 10.874 | 10.920 | HH | 8934       | 188615  | 1.03% | 0.027% |
| 174 | 10.942 | 10.920 | 10.952 | HH | 6299       | 109815  | 0.60% | 0.016% |
| 175 | 10.974 | 10.952 | 11.030 | HH | 8939       | 326657  | 1.78% | 0.047% |
| 176 | 11.043 | 11.030 | 11.059 | HH | 5536       | 91476   | 0.50% | 0.013% |
| 177 | 11.076 | 11.059 | 11.094 | HH | 6271       | 121514  | 0.66% | 0.017% |
| 178 | 11.117 | 11.094 | 11.135 | HH | 6432       | 145639  | 0.79% | 0.021% |
| 179 | 11.149 | 11.135 | 11.161 | HH | 6153       | 93838   | 0.51% | 0.013% |
| 180 | 11.184 | 11.161 | 11.230 | HH | 85517      | 1004248 | 5.47% | 0.143% |
| 181 | 11.258 | 11.230 | 11.280 | HH | 21602      | 338920  | 1.84% | 0.048% |
| 182 | 11.288 | 11.280 | 11.322 | HH | 7472       | 166046  | 0.90% | 0.024% |
| 183 | 11.339 | 11.322 | 11.369 | HH | 6005       | 161427  | 0.88% | 0.023% |
| 184 | 11.401 | 11.369 | 11.414 | HH | 5792       | 152070  | 0.83% | 0.022% |
| 185 | 11.431 | 11.414 | 11.447 | HH | 7045       | 122529  | 0.67% | 0.017% |
| 186 | 11.468 | 11.447 | 11.511 | HH | 15990      | 326029  | 1.77% | 0.046% |
| 187 | 11.532 | 11.511 | 11.556 | HH | 6393       | 160645  | 0.87% | 0.023% |
| 188 | 11.602 | 11.556 | 11.632 | HH | 61356      | 833270  | 4.54% | 0.119% |
| 189 | 11.710 | 11.632 | 11.731 | HH | 8345       | 409119  | 2.23% | 0.058% |
| 190 | 11.740 | 11.731 | 11.756 | HH | 6262       | 89388   | 0.49% | 0.013% |
| 191 | 11.797 | 11.756 | 11.816 | HH | 7999       | 250147  | 1.36% | 0.036% |
| 192 | 11.846 | 11.816 | 11.865 | HH | 8160       | 210567  | 1.15% | 0.030% |
| 193 | 11.878 | 11.865 | 11.895 | HH | 7120       | 124952  | 0.68% | 0.018% |
| 194 | 11.917 | 11.895 | 11.955 | HH | 8438       | 259677  | 1.41% | 0.037% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 195 | 11.990 | 11.955 | 12.005 | HH | 15340      | 293217  | 1.60%  | 0.042% |
| 196 | 12.021 | 12.005 | 12.052 | HH | 18413      | 312298  | 1.70%  | 0.044% |
| 197 | 12.110 | 12.052 | 12.125 | HH | 16742      | 428943  | 2.34%  | 0.061% |
| 198 | 12.140 | 12.125 | 12.155 | HH | 12661      | 187156  | 1.02%  | 0.027% |
| 199 | 12.171 | 12.155 | 12.195 | HH | 14017      | 247310  | 1.35%  | 0.035% |
| 200 | 12.211 | 12.195 | 12.225 | HH | 8044       | 135848  | 0.74%  | 0.019% |
| 201 | 12.274 | 12.225 | 12.297 | HH | 11342      | 381291  | 2.08%  | 0.054% |
| 202 | 12.314 | 12.297 | 12.333 | HH | 8147       | 167056  | 0.91%  | 0.024% |
| 203 | 12.355 | 12.333 | 12.433 | HH | 19007      | 596504  | 3.25%  | 0.085% |
| 204 | 12.459 | 12.433 | 12.482 | HH | 12958      | 277605  | 1.51%  | 0.040% |
| 205 | 12.496 | 12.482 | 12.510 | HH | 8363       | 136914  | 0.75%  | 0.020% |
| 206 | 12.528 | 12.510 | 12.568 | HH | 9008       | 284557  | 1.55%  | 0.041% |
| 207 | 12.577 | 12.568 | 12.588 | HH | 7995       | 96535   | 0.53%  | 0.014% |
| 208 | 12.611 | 12.588 | 12.627 | HH | 8841       | 196669  | 1.07%  | 0.028% |
| 209 | 12.649 | 12.627 | 12.658 | HH | 8779       | 158368  | 0.86%  | 0.023% |
| 210 | 12.668 | 12.658 | 12.679 | HH | 8806       | 109488  | 0.60%  | 0.016% |
| 211 | 12.714 | 12.679 | 12.726 | HH | 9406       | 249993  | 1.36%  | 0.036% |
| 212 | 12.739 | 12.726 | 12.768 | HH | 9661       | 228890  | 1.25%  | 0.033% |
| 213 | 12.786 | 12.768 | 12.828 | HH | 10999      | 345665  | 1.88%  | 0.049% |
| 214 | 12.855 | 12.828 | 12.877 | HH | 15262      | 328308  | 1.79%  | 0.047% |
| 215 | 12.919 | 12.877 | 12.947 | HH | 62722      | 999182  | 5.44%  | 0.142% |
| 216 | 12.962 | 12.947 | 12.995 | HH | 12118      | 296035  | 1.61%  | 0.042% |
| 217 | 13.022 | 12.995 | 13.068 | HH | 167554     | 2000951 | 10.89% | 0.285% |
| 218 | 13.083 | 13.068 | 13.100 | HH | 11209      | 196934  | 1.07%  | 0.028% |
| 219 | 13.115 | 13.100 | 13.130 | HH | 10066      | 176268  | 0.96%  | 0.025% |
| 220 | 13.166 | 13.130 | 13.182 | HH | 12573      | 347618  | 1.89%  | 0.050% |
| 221 | 13.209 | 13.182 | 13.258 | HH | 14410      | 565152  | 3.08%  | 0.080% |
| 222 | 13.283 | 13.258 | 13.297 | HH | 11502      | 255512  | 1.39%  | 0.036% |
| 223 | 13.325 | 13.297 | 13.354 | HH | 137458     | 1661669 | 9.05%  | 0.237% |
| 224 | 13.375 | 13.354 | 13.390 | HH | 24556      | 360982  | 1.97%  | 0.051% |
| 225 | 13.405 | 13.390 | 13.430 | HH | 23016      | 390370  | 2.13%  | 0.056% |
| 226 | 13.445 | 13.430 | 13.455 | HH | 12708      | 182067  | 0.99%  | 0.026% |
| 227 | 13.491 | 13.455 | 13.505 | HH | 15262      | 397542  | 2.16%  | 0.057% |
| 228 | 13.526 | 13.505 | 13.565 | HH | 20369      | 543893  | 2.96%  | 0.077% |
| 229 | 13.587 | 13.565 | 13.605 | HH | 19772      | 367760  | 2.00%  | 0.052% |
| 230 | 13.616 | 13.605 | 13.635 | HH | 14690      | 247811  | 1.35%  | 0.035% |
| 231 | 13.664 | 13.635 | 13.685 | HH | 15274      | 399460  | 2.17%  | 0.057% |
| 232 | 13.717 | 13.685 | 13.755 | HH | 15742      | 581715  | 3.17%  | 0.083% |
| 233 | 13.781 | 13.755 | 13.808 | HH | 19300      | 491543  | 2.68%  | 0.070% |
| 234 | 13.818 | 13.808 | 13.859 | HH | 13105      | 388389  | 2.11%  | 0.055% |
| 235 | 13.912 | 13.859 | 13.955 | HH | 29653      | 1020644 | 5.56%  | 0.145% |
| 236 | 13.975 | 13.955 | 13.997 | HH | 17183      | 396648  | 2.16%  | 0.056% |
| 237 | 14.019 | 13.997 | 14.040 | HH | 25539      | 504141  | 2.74%  | 0.072% |
| 238 | 14.063 | 14.040 | 14.085 | HH | 22935      | 497411  | 2.71%  | 0.071% |
| 239 | 14.125 | 14.085 | 14.158 | HH | 65908      | 1256214 | 6.84%  | 0.179% |
| 240 | 14.168 | 14.158 | 14.178 | HH | 18521      | 214276  | 1.17%  | 0.031% |
| 241 | 14.195 | 14.178 | 14.213 | HH | 22835      | 408698  | 2.22%  | 0.058% |
| 242 | 14.234 | 14.213 | 14.272 | HH | 22531      | 640641  | 3.49%  | 0.091% |
| 243 | 14.308 | 14.272 | 14.328 | HH | 17864      | 552096  | 3.01%  | 0.079% |
| 244 | 14.352 | 14.328 | 14.380 | HH | 16913      | 521059  | 2.84%  | 0.074% |
| 245 | 14.392 | 14.380 | 14.398 | HH | 16880      | 178439  | 0.97%  | 0.025% |
| 246 | 14.417 | 14.398 | 14.431 | HH | 17972      | 343569  | 1.87%  | 0.049% |

|     |        |        |        |    | rteres.txt |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
| 247 | 14.450 | 14.431 | 14.468 | HH | 18336      | 394827  | 2.15%  | 0.056% |
| 248 | 14.493 | 14.468 | 14.518 | HH | 18876      | 542257  | 2.95%  | 0.077% |
| 249 | 14.528 | 14.518 | 14.546 | HH | 17787      | 289879  | 1.58%  | 0.041% |
| 250 | 14.613 | 14.546 | 14.637 | HH | 41576      | 1252016 | 6.82%  | 0.178% |
| 251 | 14.656 | 14.637 | 14.676 | HH | 34060      | 612403  | 3.33%  | 0.087% |
| 252 | 14.692 | 14.676 | 14.738 | HH | 23183      | 784772  | 4.27%  | 0.112% |
| 253 | 14.759 | 14.738 | 14.788 | HH | 21725      | 610786  | 3.32%  | 0.087% |
| 254 | 14.835 | 14.788 | 14.874 | HH | 31438      | 1183802 | 6.44%  | 0.169% |
| 255 | 14.899 | 14.874 | 14.926 | HH | 35588      | 867716  | 4.72%  | 0.124% |
| 256 | 14.962 | 14.926 | 14.990 | HH | 38525      | 1031329 | 5.61%  | 0.147% |
| 257 | 15.029 | 14.990 | 15.059 | HH | 59496      | 1326026 | 7.22%  | 0.189% |
| 258 | 15.086 | 15.059 | 15.117 | HH | 26319      | 815316  | 4.44%  | 0.116% |
| 259 | 15.134 | 15.117 | 15.143 | HH | 21409      | 337977  | 1.84%  | 0.048% |
| 260 | 15.167 | 15.143 | 15.185 | HH | 26935      | 604254  | 3.29%  | 0.086% |
| 261 | 15.215 | 15.185 | 15.244 | HH | 103909     | 2274809 | 12.38% | 0.324% |
| 262 | 15.258 | 15.244 | 15.291 | HH | 109317     | 1544187 | 8.41%  | 0.220% |
| 263 | 15.302 | 15.291 | 15.328 | HH | 24745      | 537697  | 2.93%  | 0.077% |
| 264 | 15.381 | 15.328 | 15.418 | HH | 38528      | 1525745 | 8.31%  | 0.217% |
| 265 | 15.454 | 15.418 | 15.491 | HH | 31170      | 1146800 | 6.24%  | 0.163% |
| 266 | 15.517 | 15.491 | 15.544 | HH | 33854      | 927780  | 5.05%  | 0.132% |
| 267 | 15.573 | 15.544 | 15.615 | HH | 30503      | 1188898 | 6.47%  | 0.169% |
| 268 | 15.661 | 15.615 | 15.683 | HH | 29231      | 1102034 | 6.00%  | 0.157% |
| 269 | 15.704 | 15.683 | 15.725 | HH | 28562      | 694711  | 3.78%  | 0.099% |
| 270 | 15.756 | 15.725 | 15.771 | HH | 41932      | 973023  | 5.30%  | 0.139% |
| 271 | 15.781 | 15.771 | 15.828 | HH | 37605      | 1066962 | 5.81%  | 0.152% |
| 272 | 15.852 | 15.828 | 15.867 | HH | 33124      | 728173  | 3.96%  | 0.104% |
| 273 | 15.890 | 15.867 | 15.912 | HH | 42602      | 946200  | 5.15%  | 0.135% |
| 274 | 15.930 | 15.912 | 15.964 | HH | 34512      | 957083  | 5.21%  | 0.136% |
| 275 | 15.981 | 15.964 | 16.017 | HH | 30879      | 940613  | 5.12%  | 0.134% |
| 276 | 16.042 | 16.017 | 16.087 | HH | 38647      | 1422635 | 7.74%  | 0.203% |
| 277 | 16.129 | 16.087 | 16.146 | HH | 33901      | 1088846 | 5.93%  | 0.155% |
| 278 | 16.161 | 16.146 | 16.187 | HH | 31698      | 768152  | 4.18%  | 0.109% |
| 279 | 16.211 | 16.187 | 16.233 | HH | 33862      | 900651  | 4.90%  | 0.128% |
| 280 | 16.261 | 16.233 | 16.289 | HH | 87759      | 1684693 | 9.17%  | 0.240% |
| 281 | 16.308 | 16.289 | 16.318 | HH | 34957      | 581340  | 3.16%  | 0.083% |
| 282 | 16.326 | 16.318 | 16.355 | HH | 34735      | 717092  | 3.90%  | 0.102% |
| 283 | 16.384 | 16.355 | 16.408 | HH | 31894      | 1007505 | 5.48%  | 0.143% |
| 284 | 16.429 | 16.408 | 16.437 | HH | 31795      | 554314  | 3.02%  | 0.079% |
| 285 | 16.457 | 16.437 | 16.470 | HH | 32792      | 632722  | 3.44%  | 0.090% |
| 286 | 16.493 | 16.470 | 16.508 | HH | 34238      | 766626  | 4.17%  | 0.109% |
| 287 | 16.523 | 16.508 | 16.553 | HH | 36736      | 953786  | 5.19%  | 0.136% |
| 288 | 16.571 | 16.553 | 16.589 | HH | 38808      | 775159  | 4.22%  | 0.110% |
| 289 | 16.597 | 16.589 | 16.612 | HH | 35069      | 477505  | 2.60%  | 0.068% |
| 290 | 16.636 | 16.612 | 16.675 | HH | 36597      | 1341577 | 7.30%  | 0.191% |
| 291 | 16.693 | 16.675 | 16.710 | HH | 40859      | 823366  | 4.48%  | 0.117% |
| 292 | 16.747 | 16.710 | 16.763 | HH | 47393      | 1350188 | 7.35%  | 0.192% |
| 293 | 16.792 | 16.763 | 16.809 | HH | 134536     | 2289930 | 12.47% | 0.326% |
| 294 | 16.819 | 16.809 | 16.864 | HH | 78725      | 1671023 | 9.10%  | 0.238% |
| 295 | 16.887 | 16.864 | 16.898 | HH | 38500      | 771406  | 4.20%  | 0.110% |
| 296 | 16.922 | 16.898 | 16.941 | HH | 53854      | 1146841 | 6.24%  | 0.163% |
| 297 | 16.955 | 16.941 | 16.972 | HH | 42863      | 754867  | 4.11%  | 0.108% |
| 298 | 16.980 | 16.972 | 17.000 | HH | 40116      | 663558  | 3.61%  | 0.095% |
| 299 | 17.016 | 17.000 | 17.027 | HH | 40175      | 652714  | 3.55%  | 0.093% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 300 | 17.045 | 17.027 | 17.057 | HH | 41967      | 729482  | 3.97%  | 0.104% |
| 301 | 17.076 | 17.057 | 17.086 | HH | 44734      | 760152  | 4.14%  | 0.108% |
| 302 | 17.118 | 17.086 | 17.143 | HH | 100998     | 2085264 | 11.35% | 0.297% |
| 303 | 17.177 | 17.143 | 17.196 | HH | 114911     | 2103819 | 11.45% | 0.300% |
| 304 | 17.215 | 17.196 | 17.251 | HH | 95558      | 1996846 | 10.87% | 0.284% |
| 305 | 17.275 | 17.251 | 17.303 | HH | 65681      | 1617623 | 8.81%  | 0.230% |
| 306 | 17.322 | 17.303 | 17.358 | HH | 46289      | 1441961 | 7.85%  | 0.205% |
| 307 | 17.378 | 17.358 | 17.387 | HH | 44593      | 768196  | 4.18%  | 0.109% |
| 308 | 17.423 | 17.387 | 17.458 | HH | 47542      | 1951119 | 10.62% | 0.278% |
| 309 | 17.486 | 17.458 | 17.498 | HH | 46923      | 1100237 | 5.99%  | 0.157% |
| 310 | 17.551 | 17.498 | 17.566 | HH | 50449      | 2005808 | 10.92% | 0.286% |
| 311 | 17.576 | 17.566 | 17.613 | HH | 49726      | 1334421 | 7.26%  | 0.190% |
| 312 | 17.637 | 17.613 | 17.647 | HH | 49877      | 982115  | 5.35%  | 0.140% |
| 313 | 17.670 | 17.647 | 17.693 | HH | 70674      | 1601955 | 8.72%  | 0.228% |
| 314 | 17.702 | 17.693 | 17.718 | HH | 53124      | 796602  | 4.34%  | 0.113% |
| 315 | 17.728 | 17.718 | 17.741 | HH | 51096      | 689540  | 3.75%  | 0.098% |
| 316 | 17.763 | 17.741 | 17.808 | HH | 54579      | 2100829 | 11.44% | 0.299% |
| 317 | 17.838 | 17.808 | 17.856 | HH | 55944      | 1522521 | 8.29%  | 0.217% |
| 318 | 17.876 | 17.856 | 17.896 | HH | 53677      | 1284123 | 6.99%  | 0.183% |
| 319 | 17.904 | 17.896 | 17.916 | HH | 52568      | 610198  | 3.32%  | 0.087% |
| 320 | 17.932 | 17.916 | 17.948 | HH | 53736      | 1024663 | 5.58%  | 0.146% |
| 321 | 17.968 | 17.948 | 18.009 | HH | 55006      | 1959979 | 10.67% | 0.279% |
| 322 | 18.038 | 18.009 | 18.056 | HH | 58094      | 1579772 | 8.60%  | 0.225% |
| 323 | 18.108 | 18.056 | 18.136 | HH | 115887     | 3324091 | 18.10% | 0.473% |
| 324 | 18.166 | 18.136 | 18.187 | HH | 58947      | 1772403 | 9.65%  | 0.252% |
| 325 | 18.210 | 18.187 | 18.251 | HH | 59719      | 2282284 | 12.42% | 0.325% |
| 326 | 18.288 | 18.251 | 18.306 | HH | 65990      | 2077725 | 11.31% | 0.296% |
| 327 | 18.322 | 18.306 | 18.347 | HH | 67360      | 1622791 | 8.83%  | 0.231% |
| 328 | 18.371 | 18.347 | 18.396 | HH | 65582      | 1850255 | 10.07% | 0.264% |
| 329 | 18.412 | 18.396 | 18.432 | HH | 63292      | 1331963 | 7.25%  | 0.190% |
| 330 | 18.464 | 18.432 | 18.510 | HH | 81115      | 3243332 | 17.66% | 0.462% |
| 331 | 18.534 | 18.510 | 18.546 | HH | 103116     | 1857671 | 10.11% | 0.265% |
| 332 | 18.561 | 18.546 | 18.581 | HH | 106044     | 1899248 | 10.34% | 0.271% |
| 333 | 18.596 | 18.581 | 18.617 | HH | 77178      | 1614233 | 8.79%  | 0.230% |
| 334 | 18.633 | 18.617 | 18.653 | HH | 75204      | 1565993 | 8.52%  | 0.223% |
| 335 | 18.688 | 18.653 | 18.705 | HH | 77695      | 2279878 | 12.41% | 0.325% |
| 336 | 18.720 | 18.705 | 18.776 | HH | 77222      | 3023026 | 16.46% | 0.431% |
| 337 | 18.819 | 18.776 | 18.878 | HH | 103780     | 4757976 | 25.90% | 0.678% |
| 338 | 18.944 | 18.878 | 18.986 | HH | 140706     | 5590267 | 30.43% | 0.796% |
| 339 | 19.012 | 18.986 | 19.028 | HH | 75570      | 1896143 | 10.32% | 0.270% |
| 340 | 19.047 | 19.028 | 19.078 | HH | 82395      | 2356596 | 12.83% | 0.336% |
| 341 | 19.090 | 19.078 | 19.108 | HH | 78351      | 1397260 | 7.61%  | 0.199% |
| 342 | 19.146 | 19.108 | 19.161 | HH | 80500      | 2543110 | 13.84% | 0.362% |
| 343 | 19.186 | 19.161 | 19.219 | HH | 88785      | 2895433 | 15.76% | 0.412% |
| 344 | 19.242 | 19.219 | 19.262 | HH | 83362      | 2137454 | 11.64% | 0.304% |
| 345 | 19.281 | 19.262 | 19.295 | HH | 83406      | 1603573 | 8.73%  | 0.228% |
| 346 | 19.343 | 19.295 | 19.375 | HH | 98662      | 4259013 | 23.18% | 0.607% |
| 347 | 19.453 | 19.375 | 19.500 | HH | 94886      | 6831635 | 37.19% | 0.973% |
| 348 | 19.523 | 19.500 | 19.551 | HH | 98935      | 2872342 | 15.64% | 0.409% |
| 349 | 19.562 | 19.551 | 19.570 | HH | 89647      | 1020749 | 5.56%  | 0.145% |
| 350 | 19.596 | 19.570 | 19.615 | HH | 96383      | 2515761 | 13.70% | 0.358% |
| 351 | 19.636 | 19.615 | 19.647 | HH | 93295      | 1750386 | 9.53%  | 0.249% |

|     |        |        |        |    | rteres.txt |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
| 352 | 19.677 | 19.647 | 19.695 | HH | 101495     | 2813614 | 15.32% | 0.401% |
| 353 | 19.731 | 19.695 | 19.781 | HH | 135124     | 5406365 | 29.43% | 0.770% |
| 354 | 19.803 | 19.781 | 19.811 | HH | 97902      | 1740463 | 9.47%  | 0.248% |
| 355 | 19.839 | 19.811 | 19.876 | HH | 124478     | 4157891 | 22.63% | 0.592% |
| 356 | 19.922 | 19.876 | 19.952 | HH | 101944     | 4576558 | 24.91% | 0.652% |
| 357 | 19.980 | 19.952 | 20.009 | HH | 110902     | 3631744 | 19.77% | 0.517% |
| 358 | 20.045 | 20.009 | 20.076 | HH | 114650     | 4423938 | 24.08% | 0.630% |
| 359 | 20.107 | 20.076 | 20.119 | HH | 114680     | 2839862 | 15.46% | 0.404% |
| 360 | 20.136 | 20.119 | 20.160 | HH | 119274     | 2809482 | 15.29% | 0.400% |
| 361 | 20.263 | 20.160 | 20.281 | HH | 114466     | 8174746 | 44.50% | 1.164% |
| 362 | 20.360 | 20.281 | 20.401 | HH | 131138     | 8639596 | 47.03% | 1.231% |
| 363 | 20.431 | 20.401 | 20.446 | HH | 125851     | 3344342 | 18.21% | 0.476% |
| 364 | 20.474 | 20.446 | 20.538 | HH | 147533     | 7054877 | 38.40% | 1.005% |
| 365 | 20.546 | 20.538 | 20.556 | HH | 121140     | 1290685 | 7.03%  | 0.184% |
| 366 | 20.563 | 20.556 | 20.577 | HH | 120669     | 1549500 | 8.44%  | 0.221% |
| 367 | 20.599 | 20.577 | 20.616 | HH | 121658     | 2805624 | 15.27% | 0.400% |
| 368 | 20.675 | 20.616 | 20.702 | HH | 123086     | 6229717 | 33.91% | 0.887% |
| 369 | 20.733 | 20.702 | 20.768 | HH | 121715     | 4832139 | 26.30% | 0.688% |
| 370 | 20.778 | 20.768 | 20.827 | HH | 120192     | 4209690 | 22.92% | 0.600% |
| 371 | 20.860 | 20.827 | 20.878 | HH | 121157     | 3687216 | 20.07% | 0.525% |
| 372 | 20.896 | 20.878 | 20.947 | HH | 121574     | 4944682 | 26.92% | 0.704% |
| 373 | 20.960 | 20.947 | 20.983 | HH | 118111     | 2573683 | 14.01% | 0.367% |
| 374 | 20.995 | 20.983 | 21.005 | HH | 117758     | 1511038 | 8.23%  | 0.215% |
| 375 | 21.025 | 21.005 | 21.048 | HH | 119167     | 3082996 | 16.78% | 0.439% |
| 376 | 21.077 | 21.048 | 21.101 | HH | 120019     | 3812368 | 20.75% | 0.543% |
| 377 | 21.120 | 21.101 | 21.155 | HH | 120156     | 3828392 | 20.84% | 0.545% |
| 378 | 21.180 | 21.155 | 21.264 | HH | 119646     | 7688194 | 41.85% | 1.095% |
| 379 | 21.300 | 21.264 | 21.361 | HH | 128388     | 6916476 | 37.65% | 0.985% |
| 380 | 21.387 | 21.361 | 21.451 | HH | 114540     | 6174340 | 33.61% | 0.879% |
| 381 | 21.487 | 21.451 | 21.561 | HH | 114653     | 7485758 | 40.75% | 1.066% |
| 382 | 21.639 | 21.561 | 21.698 | HH | 115680     | 9388240 | 51.11% | 1.337% |
| 383 | 21.707 | 21.698 | 21.751 | HH | 114227     | 3558707 | 19.37% | 0.507% |
| 384 | 21.788 | 21.751 | 21.857 | HH | 111843     | 7042990 | 38.34% | 1.003% |
| 385 | 21.925 | 21.857 | 21.948 | HH | 112724     | 6049807 | 32.93% | 0.862% |
| 386 | 21.958 | 21.948 | 21.985 | HH | 110523     | 2430225 | 13.23% | 0.346% |
| 387 | 21.996 | 21.985 | 22.008 | HH | 109642     | 1523501 | 8.29%  | 0.217% |
| 388 | 22.013 | 22.008 | 22.041 | HH | 109781     | 2170518 | 11.82% | 0.309% |
| 389 | 22.072 | 22.041 | 22.082 | HH | 109773     | 2698475 | 14.69% | 0.384% |
| 390 | 22.128 | 22.082 | 22.141 | HH | 110362     | 3850865 | 20.96% | 0.548% |
| 391 | 22.166 | 22.141 | 22.229 | HH | 111527     | 5839867 | 31.79% | 0.832% |
| 392 | 22.275 | 22.229 | 22.305 | HH | 112985     | 5093905 | 27.73% | 0.726% |
| 393 | 22.352 | 22.305 | 22.411 | HH | 119357     | 7238125 | 39.40% | 1.031% |
| 394 | 22.423 | 22.411 | 22.455 | HH | 108385     | 2799426 | 15.24% | 0.399% |
| 395 | 22.479 | 22.455 | 22.595 | HH | 107392     | 8904472 | 48.47% | 1.268% |
| 396 | 22.604 | 22.595 | 22.613 | HH | 105033     | 1156940 | 6.30%  | 0.165% |
| 397 | 22.630 | 22.613 | 22.645 | HH | 105226     | 1992779 | 10.85% | 0.284% |
| 398 | 22.700 | 22.645 | 22.711 | HH | 106137     | 4230776 | 23.03% | 0.603% |
| 399 | 22.727 | 22.711 | 22.741 | HH | 106019     | 1905845 | 10.37% | 0.271% |
| 400 | 22.757 | 22.741 | 22.796 | HH | 106224     | 3472884 | 18.91% | 0.495% |
| 401 | 22.816 | 22.796 | 22.848 | HH | 105582     | 3284812 | 17.88% | 0.468% |
| 402 | 22.860 | 22.848 | 22.874 | HH | 104251     | 1595781 | 8.69%  | 0.227% |
| 403 | 22.938 | 22.874 | 22.952 | HH | 105981     | 4902400 | 26.69% | 0.698% |
| 404 | 22.975 | 22.952 | 22.992 | HH | 106337     | 2585850 | 14.08% | 0.368% |

|     |        |        |        |    |            |          |         |        |
|-----|--------|--------|--------|----|------------|----------|---------|--------|
|     |        |        |        |    | rteres.txt |          |         |        |
| 405 | 23.031 | 22.992 | 23.097 | HH | 106418     | 6681698  | 36.37%  | 0.952% |
| 406 | 23.108 | 23.097 | 23.116 | HH | 105748     | 1147548  | 6.25%   | 0.163% |
| 407 | 23.123 | 23.116 | 23.298 | HH | 105700     | 11310709 | 61.57%  | 1.611% |
| 408 | 23.308 | 23.298 | 23.319 | HH | 100723     | 1246950  | 6.79%   | 0.178% |
| 409 | 23.347 | 23.319 | 23.372 | HH | 100881     | 3192922  | 17.38%  | 0.455% |
| 410 | 23.403 | 23.372 | 23.466 | HH | 100512     | 5647150  | 30.74%  | 0.804% |
| 411 | 23.477 | 23.466 | 23.513 | HH | 99622      | 2826364  | 15.39%  | 0.403% |
| 412 | 23.527 | 23.513 | 23.559 | HH | 99058      | 2706950  | 14.74%  | 0.386% |
| 413 | 23.573 | 23.559 | 23.587 | HH | 99243      | 1709745  | 9.31%   | 0.244% |
| 414 | 23.629 | 23.587 | 23.644 | HH | 99887      | 3358311  | 18.28%  | 0.478% |
| 415 | 23.655 | 23.644 | 23.661 | HH | 99781      | 1060160  | 5.77%   | 0.151% |
| 416 | 23.673 | 23.661 | 23.680 | HH | 100041     | 1129924  | 6.15%   | 0.161% |
| 417 | 23.696 | 23.680 | 23.703 | HH | 100155     | 1362598  | 7.42%   | 0.194% |
| 418 | 23.728 | 23.703 | 23.811 | HH | 100532     | 6493783  | 35.35%  | 0.925% |
| 419 | 23.828 | 23.811 | 23.843 | HH | 99113      | 1900119  | 10.34%  | 0.271% |
| 420 | 23.858 | 23.843 | 23.883 | HH | 99349      | 2360715  | 12.85%  | 0.336% |
| 421 | 23.904 | 23.883 | 23.931 | HH | 99329      | 2873705  | 15.64%  | 0.409% |
| 422 | 23.945 | 23.931 | 23.955 | HH | 99071      | 1401308  | 7.63%   | 0.200% |
| 423 | 23.964 | 23.955 | 23.991 | HH | 98804      | 2150268  | 11.71%  | 0.306% |
| 424 | 24.034 | 23.991 | 24.125 | HH | 99029      | 7909446  | 43.06%  | 1.127% |
| 425 | 24.138 | 24.125 | 24.147 | HH | 98068      | 1286058  | 7.00%   | 0.183% |
| 426 | 24.161 | 24.147 | 24.175 | HH | 98106      | 1622725  | 8.83%   | 0.231% |
| 427 | 24.241 | 24.175 | 24.262 | HH | 99565      | 5161449  | 28.10%  | 0.735% |
| 428 | 24.270 | 24.262 | 24.385 | HH | 99327      | 7207682  | 39.24%  | 1.027% |
| 429 | 24.392 | 24.385 | 24.398 | HH | 96776      | 773514   | 4.21%   | 0.110% |
| 430 | 24.425 | 24.398 | 24.435 | HH | 97373      | 2134209  | 11.62%  | 0.304% |
| 431 | 24.517 | 24.435 | 24.541 | HH | 99710      | 6301572  | 34.30%  | 0.898% |
| 432 | 24.561 | 24.541 | 24.692 | HH | 99978      | 8833974  | 48.09%  | 1.258% |
| 433 | 24.702 | 24.692 | 24.708 | HH | 95456      | 954898   | 5.20%   | 0.136% |
| 434 | 24.801 | 24.708 | 24.815 | HH | 96648      | 6127736  | 33.36%  | 0.873% |
| 435 | 24.844 | 24.815 | 24.860 | HH | 97452      | 2635128  | 14.34%  | 0.375% |
| 436 | 24.896 | 24.860 | 24.915 | HH | 97451      | 3197305  | 17.41%  | 0.455% |
| 437 | 24.933 | 24.915 | 24.970 | HH | 97566      | 3219220  | 17.52%  | 0.459% |
| 438 | 24.981 | 24.970 | 25.023 | HH | 97344      | 3099168  | 16.87%  | 0.441% |
| 439 | 25.096 | 25.023 | 25.179 | HH | 97738      | 9131179  | 49.71%  | 1.301% |
| 440 | 25.196 | 25.179 | 25.230 | HH | 96824      | 2911598  | 15.85%  | 0.415% |
| 441 | 25.243 | 25.230 | 25.256 | HH | 96324      | 1516934  | 8.26%   | 0.216% |
| 442 | 25.277 | 25.256 | 25.289 | HH | 96324      | 1919124  | 10.45%  | 0.273% |
| 443 | 25.311 | 25.289 | 25.341 | HH | 96185      | 2996278  | 16.31%  | 0.427% |
| 444 | 25.347 | 25.341 | 25.376 | HH | 95823      | 2011719  | 10.95%  | 0.287% |
| 445 | 25.407 | 25.376 | 25.449 | HH | 96170      | 4165061  | 22.67%  | 0.593% |
| 446 | 25.465 | 25.449 | 25.621 | HH | 95500      | 9787007  | 53.28%  | 1.394% |
| 447 | 25.629 | 25.621 | 25.651 | HH | 93795      | 1684559  | 9.17%   | 0.240% |
| 448 | 25.673 | 25.651 | 25.753 | HH | 94221      | 5702593  | 31.04%  | 0.812% |
| 449 | 25.767 | 25.753 | 25.790 | HH | 92854      | 2062654  | 11.23%  | 0.294% |
| 450 | 25.807 | 25.790 | 25.834 | HH | 92756      | 2451303  | 13.34%  | 0.349% |
| 451 | 26.024 | 25.834 | 26.041 | HH | 95478      | 11683376 | 63.60%  | 1.664% |
| 452 | 26.047 | 26.041 | 26.058 | HH | 95489      | 952775   | 5.19%   | 0.136% |
| 453 | 26.069 | 26.058 | 26.204 | HH | 95273      | 8267657  | 45.01%  | 1.178% |
| 454 | 26.217 | 26.204 | 26.244 | HH | 93360      | 2233903  | 12.16%  | 0.318% |
| 455 | 26.404 | 26.244 | 26.570 | HH | 95967      | 18369875 | 100.00% | 2.616% |
| 456 | 26.590 | 26.570 | 26.611 | HH | 91996      | 2269596  | 12.35%  | 0.323% |

|     |        |        |        |    |                         |          |           |        |
|-----|--------|--------|--------|----|-------------------------|----------|-----------|--------|
|     |        |        |        |    | rteres.txt              |          |           |        |
| 457 | 26.628 | 26.611 | 26.640 | HH | 91938                   | 1586806  | 8.64%     | 0.226% |
| 458 | 26.659 | 26.640 | 26.689 | HH | 92109                   | 2698529  | 14.69%    | 0.384% |
| 459 | 26.725 | 26.689 | 26.875 | HH | 92394                   | 10257792 | 55.84%    | 1.461% |
| 460 | 26.927 | 26.875 | 26.946 | HH | 91493                   | 3893477  | 21.19%    | 0.555% |
| 461 | 26.980 | 26.946 | 27.026 | HH | 92075                   | 4363814  | 23.76%    | 0.622% |
| 462 | 27.042 | 27.026 | 27.095 | HH | 91773                   | 3799811  | 20.69%    | 0.541% |
| 463 | 27.140 | 27.095 | 27.156 | HH | 91815                   | 3326289  | 18.11%    | 0.474% |
| 464 | 27.186 | 27.156 | 27.218 | HH | 91777                   | 3408018  | 18.55%    | 0.485% |
| 465 | 27.237 | 27.218 | 27.254 | HH | 91467                   | 2000713  | 10.89%    | 0.285% |
| 466 | 27.269 | 27.254 | 27.288 | HH | 91430                   | 1819620  | 9.91%     | 0.259% |
| 467 | 27.321 | 27.288 | 27.348 | HH | 91323                   | 3307807  | 18.01%    | 0.471% |
| 468 | 27.372 | 27.348 | 27.399 | HH | 91398                   | 2790743  | 15.19%    | 0.397% |
| 469 | 27.414 | 27.399 | 27.481 | HH | 91056                   | 4463055  | 24.30%    | 0.636% |
| 470 | 27.495 | 27.481 | 27.547 | HH | 90046                   | 3548427  | 19.32%    | 0.505% |
| 471 | 27.559 | 27.547 | 27.572 | HH | 89672                   | 1315668  | 7.16%     | 0.187% |
| 472 | 27.597 | 27.572 | 27.805 | HH | 89664                   | 12366349 | 67.32%    | 1.761% |
|     |        |        |        |    | Sum of corrected areas: |          | 702109215 |        |

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