

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF071118\  
 Data File : FF001272.D  
 Signal(s) : FID2B.ch  
 Acq On : 11 Jul 2018 21:29  
 Sample : J3924-01MSD  
 Misc :  
 ALS Vial : 71 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\PESTPCBSRV\HPCHEM1\FID\_F\Method\FF070218.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         | 4.224       | 4.192        | 4.284      | BH       | 240467         | 2306328      | 61.23%         | 2.656%        |
| 2         | 4.291       | 4.284        | 4.308      | HH       | 734            | 8911         | 0.24%          | 0.010%        |
| 3         | 4.323       | 4.308        | 4.353      | HH       | 924            | 13594        | 0.36%          | 0.016%        |
| 4         | 4.373       | 4.353        | 4.410      | HH       | 7893           | 84490        | 2.24%          | 0.097%        |
| 5         | 4.420       | 4.410        | 4.519      | HH       | 647            | 6298         | 0.17%          | 0.007%        |
| 6         | 4.523       | 4.519        | 4.535      | PH       | -242           | -2779        | -0.07%         | -0.003%       |
| 7         | 4.549       | 4.535        | 4.553      | PH       | -197           | -2883        | -0.08%         | -0.003%       |
| 8         | 4.574       | 4.553        | 4.582      | PH       | -203           | -4565        | -0.12%         | -0.005%       |
| 9         | 4.593       | 4.582        | 4.618      | PH       | -173           | -6083        | -0.16%         | -0.007%       |
| 10        | 4.638       | 4.618        | 4.644      | PH       | -316           | -5416        | -0.14%         | -0.006%       |
| 11        | 4.650       | 4.644        | 4.664      | PH       | -241           | -4276        | -0.11%         | -0.005%       |
| 12        | 4.687       | 4.664        | 4.720      | PH       | -362           | -15312       | -0.41%         | -0.018%       |
| 13        | 4.726       | 4.720        | 4.732      | PH       | -485           | -3883        | -0.10%         | -0.004%       |
| 14        | 4.744       | 4.732        | 4.747      | PH       | -474           | -4489        | -0.12%         | -0.005%       |
| 15        | 4.752       | 4.747        | 4.774      | PH       | -444           | -8284        | -0.22%         | -0.010%       |
| 16        | 4.815       | 4.774        | 4.851      | PH       | 317            | -13513       | -0.36%         | -0.016%       |
| 17        | 4.857       | 4.851        | 4.877      | PH       | -382           | -7419        | -0.20%         | -0.009%       |
| 18        | 4.936       | 4.877        | 4.954      | PH       | -285           | -18550       | -0.49%         | -0.021%       |
| 19        | 4.960       | 4.954        | 5.000      | PH       | -312           | -11431       | -0.30%         | -0.013%       |
| 20        | 5.016       | 5.000        | 5.053      | PH       | -461           | -17148       | -0.46%         | -0.020%       |
| 21        | 5.082       | 5.053        | 5.192      | PH       | 231            | -32604       | -0.87%         | -0.038%       |
| 22        | 5.205       | 5.192        | 5.242      | PH       | -444           | -18241       | -0.48%         | -0.021%       |
| 23        | 5.259       | 5.242        | 5.296      | PH       | 526            | -7559        | -0.20%         | -0.009%       |
| 24        | 5.307       | 5.296        | 5.312      | PH       | -563           | -5739        | -0.15%         | -0.007%       |
| 25        | 5.330       | 5.312        | 5.362      | PH       | 81             | -10534       | -0.28%         | -0.012%       |
| 26        | 5.380       | 5.362        | 5.398      | PH       | -401           | -10314       | -0.27%         | -0.012%       |
| 27        | 5.409       | 5.398        | 5.432      | PH       | -402           | -10478       | -0.28%         | -0.012%       |
| 28        | 5.445       | 5.432        | 5.480      | PH       | -491           | -17394       | -0.46%         | -0.020%       |
| 29        | 5.501       | 5.480        | 5.523      | PH       | -384           | -13310       | -0.35%         | -0.015%       |
| 30        | 5.527       | 5.523        | 5.535      | PH       | -513           | -4106        | -0.11%         | -0.005%       |
| 31        | 5.542       | 5.535        | 5.562      | PH       | -587           | -10083       | -0.27%         | -0.012%       |
| 32        | 5.566       | 5.562        | 5.574      | PH       | -614           | -4789        | -0.13%         | -0.006%       |
| 33        | 5.600       | 5.574        | 5.615      | PH       | -520           | -15420       | -0.41%         | -0.018%       |
| 34        | 5.620       | 5.615        | 5.632      | PH       | -557           | -6930        | -0.18%         | -0.008%       |
| 35        | 5.639       | 5.632        | 5.662      | PH       | -637           | -13372       | -0.36%         | -0.015%       |
| 36        | 5.666       | 5.662        | 5.672      | PH       | -685           | -4783        | -0.13%         | -0.006%       |

|    |       |       |       |    |            |         |        |         |  |
|----|-------|-------|-------|----|------------|---------|--------|---------|--|
|    |       |       |       |    | rteres.txt |         |        |         |  |
| 37 | 5.680 | 5.672 | 5.685 | PH | -705       | -5627   | -0.15% | -0.006% |  |
| 38 | 5.702 | 5.685 | 5.719 | PH | -434       | -12628  | -0.34% | -0.015% |  |
| 39 | 5.726 | 5.719 | 5.749 | PH | -708       | -13132  | -0.35% | -0.015% |  |
| 40 | 5.753 | 5.749 | 5.756 | PH | -653       | -2849   | -0.08% | -0.003% |  |
| 41 | 5.759 | 5.756 | 5.769 | PH | -658       | -5327   | -0.14% | -0.006% |  |
| 42 | 5.801 | 5.769 | 5.820 | PH | 770        | 495     | 0.01%  | 0.001%  |  |
| 43 | 5.825 | 5.820 | 5.868 | PH | 41         | -5727   | -0.15% | -0.007% |  |
| 44 | 5.874 | 5.868 | 5.881 | PH | -438       | -3667   | -0.10% | -0.004% |  |
| 45 | 5.894 | 5.881 | 5.923 | PH | -380       | -11168  | -0.30% | -0.013% |  |
| 46 | 5.961 | 5.923 | 5.994 | PH | 2748       | 18512   | 0.49%  | 0.021%  |  |
| 47 | 5.999 | 5.994 | 6.005 | PH | -409       | -3062   | -0.08% | -0.004% |  |
| 48 | 6.010 | 6.005 | 6.018 | PH | -429       | -3618   | -0.10% | -0.004% |  |
| 49 | 6.031 | 6.018 | 6.036 | PH | -433       | -5325   | -0.14% | -0.006% |  |
| 50 | 6.040 | 6.036 | 6.046 | PH | -462       | -2888   | -0.08% | -0.003% |  |
| 51 | 6.051 | 6.046 | 6.058 | PH | -495       | -3617   | -0.10% | -0.004% |  |
| 52 | 6.085 | 6.058 | 6.100 | PH | 377        | -1375   | -0.04% | -0.002% |  |
| 53 | 6.104 | 6.100 | 6.129 | HH | 168        | 642     | 0.02%  | 0.001%  |  |
| 54 | 6.133 | 6.129 | 6.137 | PH | -40        | -242    | -0.01% | -0.000% |  |
| 55 | 6.160 | 6.137 | 6.181 | PH | 183        | 2060    | 0.05%  | 0.002%  |  |
| 56 | 6.235 | 6.181 | 6.336 | PH | 223505     | 2349192 | 62.37% | 2.705%  |  |
| 57 | 6.347 | 6.336 | 6.367 | PH | 46         | -928    | -0.02% | -0.001% |  |
| 58 | 6.375 | 6.367 | 6.426 | PH | -78        | -10124  | -0.27% | -0.012% |  |
| 59 | 6.456 | 6.426 | 6.489 | PH | -242       | -14996  | -0.40% | -0.017% |  |
| 60 | 6.505 | 6.489 | 6.524 | PH | -239       | -9076   | -0.24% | -0.010% |  |
| 61 | 6.543 | 6.524 | 6.593 | PH | -503       | -24825  | -0.66% | -0.029% |  |
| 62 | 6.613 | 6.593 | 6.617 | PH | -580       | -9181   | -0.24% | -0.011% |  |
| 63 | 6.623 | 6.617 | 6.634 | PH | -546       | -6183   | -0.16% | -0.007% |  |
| 64 | 6.635 | 6.634 | 6.645 | PH | -588       | -4516   | -0.12% | -0.005% |  |
| 65 | 6.670 | 6.645 | 6.683 | PH | -567       | -14352  | -0.38% | -0.017% |  |
| 66 | 6.685 | 6.683 | 6.691 | PH | -632       | -3351   | -0.09% | -0.004% |  |
| 67 | 6.708 | 6.691 | 6.712 | PH | -628       | -8821   | -0.23% | -0.010% |  |
| 68 | 6.755 | 6.712 | 6.780 | PH | -370       | -19625  | -0.52% | -0.023% |  |
| 69 | 6.783 | 6.780 | 6.814 | PH | -413       | -10244  | -0.27% | -0.012% |  |
| 70 | 6.817 | 6.814 | 6.827 | PH | -525       | -4208   | -0.11% | -0.005% |  |
| 71 | 6.854 | 6.827 | 6.874 | PH | 190        | -6939   | -0.18% | -0.008% |  |
| 72 | 6.888 | 6.874 | 6.907 | PH | -121       | -6440   | -0.17% | -0.007% |  |
| 73 | 6.932 | 6.907 | 6.964 | PH | -53        | -14092  | -0.37% | -0.016% |  |
| 74 | 6.989 | 6.964 | 7.014 | PH | -323       | -14903  | -0.40% | -0.017% |  |
| 75 | 7.029 | 7.014 | 7.097 | PH | -354       | -28034  | -0.74% | -0.032% |  |
| 76 | 7.106 | 7.097 | 7.119 | PH | -551       | -8665   | -0.23% | -0.010% |  |
| 77 | 7.159 | 7.119 | 7.189 | PH | 139        | -21780  | -0.58% | -0.025% |  |
| 78 | 7.194 | 7.189 | 7.203 | PH | -708       | -5831   | -0.15% | -0.007% |  |
| 79 | 7.219 | 7.203 | 7.247 | PH | -361       | -17463  | -0.46% | -0.020% |  |
| 80 | 7.266 | 7.247 | 7.272 | PH | -695       | -11352  | -0.30% | -0.013% |  |
| 81 | 7.279 | 7.272 | 7.284 | PH | -638       | -4987   | -0.13% | -0.006% |  |
| 82 | 7.304 | 7.284 | 7.312 | PH | -628       | -11247  | -0.30% | -0.013% |  |
| 83 | 7.319 | 7.312 | 7.362 | PH | -590       | -21409  | -0.57% | -0.025% |  |
| 84 | 7.366 | 7.362 | 7.382 | PH | -692       | -9097   | -0.24% | -0.010% |  |
| 85 | 7.395 | 7.382 | 7.402 | PH | -638       | -8217   | -0.22% | -0.009% |  |
| 86 | 7.407 | 7.402 | 7.412 | PH | -652       | -4262   | -0.11% | -0.005% |  |
| 87 | 7.429 | 7.412 | 7.455 | PH | -163       | -12998  | -0.35% | -0.015% |  |
| 88 | 7.468 | 7.455 | 7.480 | PH | -673       | -10904  | -0.29% | -0.013% |  |
| 89 | 7.502 | 7.480 | 7.524 | PH | -604       | -17914  | -0.48% | -0.021% |  |

| rteres.txt |       |       |       |    |        |         |        |         |
|------------|-------|-------|-------|----|--------|---------|--------|---------|
| 90         | 7.530 | 7.524 | 7.537 | PH | -667   | -5844   | -0.16% | -0.007% |
| 91         | 7.576 | 7.537 | 7.585 | PH | -54    | -12668  | -0.34% | -0.015% |
| 92         | 7.598 | 7.585 | 7.619 | PH | 289    | -1342   | -0.04% | -0.002% |
| 93         | 7.635 | 7.619 | 7.664 | PH | -219   | -11434  | -0.30% | -0.013% |
| 94         | 7.685 | 7.664 | 7.706 | PH | -224   | -10875  | -0.29% | -0.013% |
| 95         | 7.726 | 7.706 | 7.737 | PH | -317   | -8057   | -0.21% | -0.009% |
| 96         | 7.759 | 7.737 | 7.764 | PH | 388    | -397    | -0.01% | -0.000% |
| 97         | 7.773 | 7.764 | 7.822 | HH | 581    | -6877   | -0.18% | -0.008% |
| 98         | 7.843 | 7.822 | 7.875 | PH | -322   | -16813  | -0.45% | -0.019% |
| 99         | 7.885 | 7.875 | 7.892 | PH | -537   | -6765   | -0.18% | -0.008% |
| 100        | 7.925 | 7.892 | 7.935 | PH | -73    | -8604   | -0.23% | -0.010% |
| 101        | 7.939 | 7.935 | 7.959 | PH | -61    | -2601   | -0.07% | -0.003% |
| 102        | 7.991 | 7.959 | 7.999 | PH | 3511   | 32672   | 0.87%  | 0.038%  |
| 103        | 8.023 | 7.999 | 8.055 | HH | 216890 | 2379161 | 63.16% | 2.740%  |
| 104        | 8.080 | 8.055 | 8.112 | HH | 110076 | 1238349 | 32.88% | 1.426%  |
| 105        | 8.123 | 8.112 | 8.235 | HH | 6199   | 125946  | 3.34%  | 0.145%  |
| 106        | 8.254 | 8.235 | 8.298 | PH | 574    | 3477    | 0.09%  | 0.004%  |
| 107        | 8.312 | 8.298 | 8.326 | PH | -241   | -4952   | -0.13% | -0.006% |
| 108        | 8.331 | 8.326 | 8.335 | PH | -335   | -2094   | -0.06% | -0.002% |
| 109        | 8.374 | 8.335 | 8.400 | PH | 340    | -1416   | -0.04% | -0.002% |
| 110        | 8.418 | 8.400 | 8.443 | PH | 887    | 10861   | 0.29%  | 0.013%  |
| 111        | 8.448 | 8.443 | 8.454 | HH | 232    | 1437    | 0.04%  | 0.002%  |
| 112        | 8.458 | 8.454 | 8.478 | HH | 327    | 3291    | 0.09%  | 0.004%  |
| 113        | 8.498 | 8.478 | 8.540 | HH | 1330   | 26068   | 0.69%  | 0.030%  |
| 114        | 8.557 | 8.540 | 8.591 | HH | 520    | 3690    | 0.10%  | 0.004%  |
| 115        | 8.616 | 8.591 | 8.650 | PH | 77     | -3543   | -0.09% | -0.004% |
| 116        | 8.660 | 8.650 | 8.681 | PH | 78     | -1767   | -0.05% | -0.002% |
| 117        | 8.702 | 8.681 | 8.714 | PH | 162    | -1011   | -0.03% | -0.001% |
| 118        | 8.745 | 8.714 | 8.782 | PH | 2756   | 37636   | 1.00%  | 0.043%  |
| 119        | 8.803 | 8.782 | 8.820 | HH | 619    | 6958    | 0.18%  | 0.008%  |
| 120        | 8.842 | 8.820 | 8.910 | HH | 1826   | 24678   | 0.66%  | 0.028%  |
| 121        | 8.924 | 8.910 | 8.948 | PH | 42     | -3457   | -0.09% | -0.004% |
| 122        | 8.982 | 8.948 | 9.002 | PH | 161    | -4625   | -0.12% | -0.005% |
| 123        | 9.028 | 9.002 | 9.052 | PH | 46     | -2871   | -0.08% | -0.003% |
| 124        | 9.072 | 9.052 | 9.091 | PH | 128    | -1120   | -0.03% | -0.001% |
| 125        | 9.120 | 9.091 | 9.146 | PH | 319    | 2326    | 0.06%  | 0.003%  |
| 126        | 9.161 | 9.146 | 9.176 | PH | 248    | 1363    | 0.04%  | 0.002%  |
| 127        | 9.214 | 9.176 | 9.242 | HH | 1468   | 29813   | 0.79%  | 0.034%  |
| 128        | 9.270 | 9.242 | 9.313 | HH | 1141   | 26873   | 0.71%  | 0.031%  |
| 129        | 9.346 | 9.313 | 9.368 | HH | 1072   | 19179   | 0.51%  | 0.022%  |
| 130        | 9.399 | 9.368 | 9.423 | HH | 1173   | 18604   | 0.49%  | 0.021%  |
| 131        | 9.448 | 9.423 | 9.470 | HH | 1116   | 16186   | 0.43%  | 0.019%  |
| 132        | 9.486 | 9.470 | 9.505 | HH | 361    | 5307    | 0.14%  | 0.006%  |
| 133        | 9.532 | 9.505 | 9.589 | HH | 1099   | 33859   | 0.90%  | 0.039%  |
| 134        | 9.619 | 9.589 | 9.664 | HH | 202815 | 2387962 | 63.40% | 2.750%  |
| 135        | 9.677 | 9.664 | 9.708 | HH | 1645   | 36848   | 0.98%  | 0.042%  |
| 136        | 9.716 | 9.708 | 9.749 | HH | 1241   | 23522   | 0.62%  | 0.027%  |
| 137        | 9.768 | 9.749 | 9.810 | HH | 1110   | 30898   | 0.82%  | 0.036%  |
| 138        | 9.816 | 9.810 | 9.859 | HH | 733    | 18610   | 0.49%  | 0.021%  |
| 139        | 9.877 | 9.859 | 9.905 | HH | 794    | 18750   | 0.50%  | 0.022%  |
| 140        | 9.919 | 9.905 | 9.925 | HH | 785    | 8398    | 0.22%  | 0.010%  |
| 141        | 9.959 | 9.925 | 9.974 | HH | 1189   | 29808   | 0.79%  | 0.034%  |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 142        | 10.000 | 9.974  | 10.023 | HH | 1844   | 44203   | 1.17%  | 0.051% |
| 143        | 10.061 | 10.023 | 10.067 | HH | 1462   | 35034   | 0.93%  | 0.040% |
| 144        | 10.091 | 10.067 | 10.111 | HH | 1726   | 40207   | 1.07%  | 0.046% |
| 145        | 10.128 | 10.111 | 10.177 | HH | 2006   | 59521   | 1.58%  | 0.069% |
|            |        |        |        |    |        |         |        |        |
| 146        | 10.199 | 10.177 | 10.214 | HH | 1834   | 34715   | 0.92%  | 0.040% |
| 147        | 10.232 | 10.214 | 10.250 | HH | 2264   | 42473   | 1.13%  | 0.049% |
| 148        | 10.278 | 10.250 | 10.301 | HH | 2807   | 70981   | 1.88%  | 0.082% |
| 149        | 10.312 | 10.301 | 10.320 | HH | 2271   | 25402   | 0.67%  | 0.029% |
| 150        | 10.356 | 10.320 | 10.385 | HH | 4108   | 108564  | 2.88%  | 0.125% |
|            |        |        |        |    |        |         |        |        |
| 151        | 10.428 | 10.385 | 10.442 | HH | 3182   | 90780   | 2.41%  | 0.105% |
| 152        | 10.446 | 10.442 | 10.465 | HH | 2924   | 36940   | 0.98%  | 0.043% |
| 153        | 10.480 | 10.465 | 10.515 | HH | 2545   | 68739   | 1.82%  | 0.079% |
| 154        | 10.537 | 10.515 | 10.551 | HH | 2336   | 44496   | 1.18%  | 0.051% |
| 155        | 10.598 | 10.551 | 10.635 | HH | 16334  | 306051  | 8.13%  | 0.352% |
|            |        |        |        |    |        |         |        |        |
| 156        | 10.676 | 10.635 | 10.701 | HH | 6181   | 187199  | 4.97%  | 0.216% |
| 157        | 10.709 | 10.701 | 10.761 | HH | 3670   | 114602  | 3.04%  | 0.132% |
| 158        | 10.766 | 10.761 | 10.784 | HH | 2485   | 34083   | 0.90%  | 0.039% |
| 159        | 10.789 | 10.784 | 10.792 | HH | 2295   | 10387   | 0.28%  | 0.012% |
| 160        | 10.816 | 10.792 | 10.842 | HH | 2583   | 69860   | 1.85%  | 0.080% |
|            |        |        |        |    |        |         |        |        |
| 161        | 10.860 | 10.842 | 10.882 | HH | 2886   | 59504   | 1.58%  | 0.069% |
| 162        | 10.915 | 10.882 | 10.935 | HH | 3194   | 89890   | 2.39%  | 0.104% |
| 163        | 10.941 | 10.935 | 10.964 | HH | 2989   | 48809   | 1.30%  | 0.056% |
| 164        | 10.969 | 10.964 | 10.974 | HH | 2594   | 14445   | 0.38%  | 0.017% |
| 165        | 10.989 | 10.974 | 11.009 | HH | 2895   | 57615   | 1.53%  | 0.066% |
|            |        |        |        |    |        |         |        |        |
| 166        | 11.056 | 11.009 | 11.111 | HH | 194955 | 2518516 | 66.86% | 2.900% |
| 167        | 11.133 | 11.111 | 11.181 | HH | 5430   | 163265  | 4.33%  | 0.188% |
| 168        | 11.204 | 11.181 | 11.216 | HH | 3440   | 66690   | 1.77%  | 0.077% |
| 169        | 11.235 | 11.216 | 11.272 | HH | 4962   | 134215  | 3.56%  | 0.155% |
| 170        | 11.297 | 11.272 | 11.319 | HH | 4037   | 103058  | 2.74%  | 0.119% |
|            |        |        |        |    |        |         |        |        |
| 171        | 11.352 | 11.319 | 11.373 | HH | 4244   | 122991  | 3.27%  | 0.142% |
| 172        | 11.399 | 11.373 | 11.417 | HH | 7805   | 155132  | 4.12%  | 0.179% |
| 173        | 11.434 | 11.417 | 11.460 | HH | 8992   | 187430  | 4.98%  | 0.216% |
| 174        | 11.477 | 11.460 | 11.488 | HH | 6506   | 103205  | 2.74%  | 0.119% |
| 175        | 11.507 | 11.488 | 11.529 | HH | 8261   | 170882  | 4.54%  | 0.197% |
|            |        |        |        |    |        |         |        |        |
| 176        | 11.545 | 11.529 | 11.560 | HH | 7331   | 124779  | 3.31%  | 0.144% |
| 177        | 11.578 | 11.560 | 11.620 | HH | 9611   | 244157  | 6.48%  | 0.281% |
| 178        | 11.639 | 11.620 | 11.645 | HH | 5541   | 79809   | 2.12%  | 0.092% |
| 179        | 11.659 | 11.645 | 11.670 | HH | 5729   | 83343   | 2.21%  | 0.096% |
| 180        | 11.694 | 11.670 | 11.709 | HH | 7906   | 160150  | 4.25%  | 0.184% |
|            |        |        |        |    |        |         |        |        |
| 181        | 11.723 | 11.709 | 11.749 | HH | 9434   | 179089  | 4.75%  | 0.206% |
| 182        | 11.802 | 11.749 | 11.836 | HH | 11587  | 408102  | 10.83% | 0.470% |
| 183        | 11.840 | 11.836 | 11.849 | HH | 6316   | 48561   | 1.29%  | 0.056% |
| 184        | 11.873 | 11.849 | 11.897 | HH | 8364   | 206866  | 5.49%  | 0.238% |
| 185        | 11.948 | 11.897 | 11.969 | HH | 10543  | 360959  | 9.58%  | 0.416% |
|            |        |        |        |    |        |         |        |        |
| 186        | 11.993 | 11.969 | 12.019 | HH | 9543   | 263884  | 7.01%  | 0.304% |
| 187        | 12.064 | 12.019 | 12.085 | HH | 16355  | 436674  | 11.59% | 0.503% |
| 188        | 12.106 | 12.085 | 12.131 | HH | 13545  | 320385  | 8.51%  | 0.369% |
| 189        | 12.165 | 12.131 | 12.178 | HH | 12431  | 309856  | 8.23%  | 0.357% |
| 190        | 12.189 | 12.178 | 12.241 | HH | 11598  | 353648  | 9.39%  | 0.407% |
|            |        |        |        |    |        |         |        |        |
| 191        | 12.280 | 12.241 | 12.316 | HH | 26357  | 684250  | 18.17% | 0.788% |
| 192        | 12.363 | 12.316 | 12.389 | HH | 199350 | 2796073 | 74.23% | 3.220% |
| 193        | 12.410 | 12.389 | 12.459 | HH | 53716  | 1205533 | 32.01% | 1.388% |
| 194        | 12.470 | 12.459 | 12.482 | HH | 10928  | 146097  | 3.88%  | 0.168% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 195 | 12.510 | 12.482 | 12.539 | HH | 16780      | 444862  | 11.81% | 0.512% |
| 196 | 12.558 | 12.539 | 12.585 | HH | 12697      | 321185  | 8.53%  | 0.370% |
| 197 | 12.606 | 12.585 | 12.624 | HH | 13097      | 270376  | 7.18%  | 0.311% |
| 198 | 12.646 | 12.624 | 12.664 | HH | 12636      | 276967  | 7.35%  | 0.319% |
| 199 | 12.705 | 12.664 | 12.724 | HH | 50803      | 909125  | 24.14% | 1.047% |
| 200 | 12.739 | 12.724 | 12.760 | HH | 34588      | 543116  | 14.42% | 0.625% |
| 201 | 12.767 | 12.760 | 12.785 | HH | 16218      | 230100  | 6.11%  | 0.265% |
| 202 | 12.803 | 12.785 | 12.823 | HH | 16369      | 333905  | 8.86%  | 0.384% |
| 203 | 12.851 | 12.823 | 12.875 | HH | 14363      | 417039  | 11.07% | 0.480% |
| 204 | 12.881 | 12.875 | 12.905 | HH | 12407      | 210961  | 5.60%  | 0.243% |
| 205 | 12.970 | 12.905 | 13.034 | HH | 24060      | 1225334 | 32.53% | 1.411% |
| 206 | 13.037 | 13.034 | 13.059 | HH | 13618      | 198139  | 5.26%  | 0.228% |
| 207 | 13.064 | 13.059 | 13.077 | HH | 12397      | 129360  | 3.43%  | 0.149% |
| 208 | 13.113 | 13.077 | 13.140 | HH | 18140      | 552083  | 14.66% | 0.636% |
| 209 | 13.172 | 13.140 | 13.217 | HH | 34106      | 951785  | 25.27% | 1.096% |
| 210 | 13.230 | 13.217 | 13.250 | HH | 16003      | 294494  | 7.82%  | 0.339% |
| 211 | 13.300 | 13.250 | 13.339 | HH | 21181      | 940374  | 24.97% | 1.083% |
| 212 | 13.369 | 13.339 | 13.384 | HH | 25280      | 545473  | 14.48% | 0.628% |
| 213 | 13.405 | 13.384 | 13.431 | HH | 56410      | 963231  | 25.57% | 1.109% |
| 214 | 13.443 | 13.431 | 13.465 | HH | 19191      | 357440  | 9.49%  | 0.412% |
| 215 | 13.481 | 13.465 | 13.496 | HH | 16824      | 300458  | 7.98%  | 0.346% |
| 216 | 13.516 | 13.496 | 13.520 | HH | 17619      | 242041  | 6.43%  | 0.279% |
| 217 | 13.558 | 13.520 | 13.633 | HH | 205121     | 3748835 | 99.53% | 4.317% |
| 218 | 13.645 | 13.633 | 13.669 | HH | 16943      | 338309  | 8.98%  | 0.390% |
| 219 | 13.698 | 13.669 | 13.717 | HH | 15388      | 418298  | 11.11% | 0.482% |
| 220 | 13.752 | 13.717 | 13.767 | HH | 20411      | 520850  | 13.83% | 0.600% |
| 221 | 13.782 | 13.767 | 13.815 | HH | 21028      | 523230  | 13.89% | 0.602% |
| 222 | 13.828 | 13.815 | 13.847 | HH | 15054      | 279528  | 7.42%  | 0.322% |
| 223 | 13.856 | 13.847 | 13.874 | HH | 14659      | 234487  | 6.23%  | 0.270% |
| 224 | 13.905 | 13.874 | 13.948 | HH | 23600      | 821289  | 21.80% | 0.946% |
| 225 | 13.969 | 13.948 | 13.988 | HH | 21729      | 464150  | 12.32% | 0.534% |
| 226 | 13.995 | 13.988 | 14.016 | HH | 19123      | 304598  | 8.09%  | 0.351% |
| 227 | 14.044 | 14.016 | 14.080 | HH | 20717      | 714236  | 18.96% | 0.822% |
| 228 | 14.118 | 14.080 | 14.169 | HH | 39299      | 1328785 | 35.28% | 1.530% |
| 229 | 14.189 | 14.169 | 14.200 | HH | 18938      | 345742  | 9.18%  | 0.398% |
| 230 | 14.212 | 14.200 | 14.247 | HH | 19604      | 500627  | 13.29% | 0.576% |
| 231 | 14.275 | 14.247 | 14.305 | HH | 24284      | 712825  | 18.92% | 0.821% |
| 232 | 14.325 | 14.305 | 14.334 | HH | 18160      | 303614  | 8.06%  | 0.350% |
| 233 | 14.358 | 14.334 | 14.422 | HH | 22506      | 1023576 | 27.17% | 1.179% |
| 234 | 14.457 | 14.422 | 14.492 | HH | 170394     | 2901742 | 77.04% | 3.341% |
| 235 | 14.506 | 14.492 | 14.523 | HH | 18395      | 330516  | 8.77%  | 0.381% |
| 236 | 14.541 | 14.523 | 14.560 | HH | 19410      | 397591  | 10.56% | 0.458% |
| 237 | 14.585 | 14.560 | 14.604 | HH | 39941      | 737294  | 19.57% | 0.849% |
| 238 | 14.624 | 14.604 | 14.634 | HH | 43915      | 646100  | 17.15% | 0.744% |
| 239 | 14.660 | 14.634 | 14.692 | HH | 201749     | 3096329 | 82.20% | 3.565% |
| 240 | 14.704 | 14.692 | 14.722 | HH | 16935      | 299749  | 7.96%  | 0.345% |
| 241 | 14.745 | 14.722 | 14.760 | HH | 19593      | 415947  | 11.04% | 0.479% |
| 242 | 14.781 | 14.760 | 14.810 | HH | 21831      | 568454  | 15.09% | 0.655% |
| 243 | 14.823 | 14.810 | 14.847 | HH | 17323      | 372543  | 9.89%  | 0.429% |
| 244 | 14.850 | 14.847 | 14.880 | HH | 16790      | 321348  | 8.53%  | 0.370% |
| 245 | 14.901 | 14.880 | 14.918 | HH | 18012      | 392186  | 10.41% | 0.452% |
| 246 | 14.926 | 14.918 | 14.969 | HH | 17787      | 517645  | 13.74% | 0.596% |

|     |        |        |        |     |                         |          |         |        |
|-----|--------|--------|--------|-----|-------------------------|----------|---------|--------|
|     |        |        |        |     | rteres.txt              |          |         |        |
| 247 | 14.991 | 14.969 | 15.010 | HH  | 17090                   | 413573   | 10.98%  | 0.476% |
| 248 | 15.049 | 15.010 | 15.107 | HH  | 47118                   | 1512871  | 40.17%  | 1.742% |
| 249 | 15.134 | 15.107 | 15.151 | HH  | 18521                   | 465415   | 12.36%  | 0.536% |
| 250 | 15.176 | 15.151 | 15.205 | HH  | 42503                   | 883850   | 23.47%  | 1.018% |
| 251 | 15.257 | 15.205 | 15.281 | HH  | 27480                   | 1003414  | 26.64%  | 1.155% |
| 252 | 15.299 | 15.281 | 15.331 | HH  | 19252                   | 548066   | 14.55%  | 0.631% |
| 253 | 15.341 | 15.331 | 15.353 | HH  | 16862                   | 220354   | 5.85%   | 0.254% |
| 254 | 15.374 | 15.353 | 15.378 | HH  | 16978                   | 248358   | 6.59%   | 0.286% |
| 255 | 15.399 | 15.378 | 15.405 | HH  | 19020                   | 294660   | 7.82%   | 0.339% |
| 256 | 15.421 | 15.405 | 15.455 | HH  | 20066                   | 555436   | 14.75%  | 0.640% |
| 257 | 15.497 | 15.455 | 15.522 | HH  | 19699                   | 715458   | 18.99%  | 0.824% |
| 258 | 15.546 | 15.522 | 15.559 | HH  | 17886                   | 394901   | 10.48%  | 0.455% |
| 259 | 15.581 | 15.559 | 15.602 | HH  | 18249                   | 452330   | 12.01%  | 0.521% |
| 260 | 15.615 | 15.602 | 15.632 | HH  | 17673                   | 311053   | 8.26%   | 0.358% |
| 261 | 15.678 | 15.632 | 15.722 | HH  | 202692                  | 3464220  | 91.97%  | 3.989% |
| 262 | 15.727 | 15.722 | 15.734 | HH  | 16990                   | 115105   | 3.06%   | 0.133% |
| 263 | 15.752 | 15.734 | 15.760 | HH  | 16688                   | 265662   | 7.05%   | 0.306% |
| 264 | 15.763 | 15.760 | 15.771 | HH  | 16621                   | 103980   | 2.76%   | 0.120% |
| 265 | 15.798 | 15.771 | 15.821 | HH  | 17492                   | 512125   | 13.60%  | 0.590% |
| 266 | 15.853 | 15.821 | 15.881 | HH  | 19165                   | 652131   | 17.31%  | 0.751% |
| 267 | 15.898 | 15.881 | 15.915 | HH  | 18994                   | 362891   | 9.63%   | 0.418% |
| 268 | 15.938 | 15.915 | 15.948 | HH  | 19541                   | 381215   | 10.12%  | 0.439% |
| 269 | 15.990 | 15.948 | 16.009 | HH  | 20550                   | 720610   | 19.13%  | 0.830% |
| 270 | 16.030 | 16.009 | 16.047 | HH  | 24847                   | 522407   | 13.87%  | 0.602% |
| 271 | 16.063 | 16.047 | 16.088 | HH  | 23806                   | 546695   | 14.51%  | 0.630% |
| 272 | 16.147 | 16.088 | 16.207 | HH  | 64513                   | 2531203  | 67.20%  | 2.915% |
| 273 | 16.224 | 16.207 | 16.251 | HH  | 20721                   | 539255   | 14.32%  | 0.621% |
| 274 | 16.276 | 16.251 | 16.327 | HH  | 27361                   | 1047315  | 27.81%  | 1.206% |
| 275 | 16.341 | 16.327 | 16.365 | HH  | 21436                   | 486573   | 12.92%  | 0.560% |
| 276 | 16.399 | 16.365 | 16.412 | HH  | 22090                   | 605387   | 16.07%  | 0.697% |
| 277 | 16.434 | 16.412 | 16.441 | HH  | 26451                   | 426732   | 11.33%  | 0.491% |
| 278 | 16.462 | 16.441 | 16.494 | HH  | 47232                   | 1049676  | 27.87%  | 1.209% |
| 279 | 16.522 | 16.494 | 16.568 | HH  | 50936                   | 1397439  | 37.10%  | 1.609% |
| 280 | 16.626 | 16.568 | 16.652 | HH  | 207032                  | 3766632  | 100.00% | 4.337% |
| 281 | 16.670 | 16.652 | 16.680 | HHA | 50689                   | 751365   | 19.95%  | 0.865% |
|     |        |        |        |     | Sum of corrected areas: | 86843740 |         |        |

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