

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF071318\  
 Data File : FF001330.D  
 Signal(s) : FID2B.ch  
 Acq On : 13 Jul 2018 13:51  
 Sample : J3947-04 2X  
 Misc :  
 ALS Vial : 59 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         | 4.223       | 4.192        | 4.242      | BH       | 524            | 4158         | 0.13%          | 0.004%        |
| 2         | 4.262       | 4.242        | 4.270      | PH       | 109            | 443          | 0.01%          | 0.000%        |
| 3         | 4.292       | 4.270        | 4.310      | PH       | 102            | -178         | -0.01%         | -0.000%       |
| 4         | 4.320       | 4.310        | 4.341      | PH       | 66             | -975         | -0.03%         | -0.001%       |
| 5         | 4.371       | 4.341        | 4.404      | PH       | 2399           | 26034        | 0.83%          | 0.025%        |
| 6         | 4.433       | 4.404        | 4.460      | HH       | 882            | 11888        | 0.38%          | 0.011%        |
| 7         | 4.475       | 4.460        | 4.492      | HH       | 386            | 2736         | 0.09%          | 0.003%        |
| 8         | 4.497       | 4.492        | 4.545      | PH       | -45            | -4698        | -0.15%         | -0.004%       |
| 9         | 4.575       | 4.545        | 4.589      | PH       | 115            | -2228        | -0.07%         | -0.002%       |
| 10        | 4.594       | 4.589        | 4.615      | PH       | -21            | -1822        | -0.06%         | -0.002%       |
| 11        | 4.625       | 4.615        | 4.653      | PH       | 73             | -1257        | -0.04%         | -0.001%       |
| 12        | 4.676       | 4.653        | 4.722      | PH       | 102            | -6175        | -0.20%         | -0.006%       |
| 13        | 4.742       | 4.722        | 4.760      | PH       | -211           | -6357        | -0.20%         | -0.006%       |
| 14        | 4.766       | 4.760        | 4.774      | PH       | -224           | -2199        | -0.07%         | -0.002%       |
| 15        | 4.778       | 4.774        | 4.791      | PH       | -261           | -2966        | -0.09%         | -0.003%       |
| 16        | 4.817       | 4.791        | 4.849      | PH       | 236            | 2798         | 0.09%          | 0.003%        |
| 17        | 4.857       | 4.849        | 4.887      | HH       | 231            | 2045         | 0.07%          | 0.002%        |
| 18        | 4.907       | 4.887        | 4.920      | PH       | 501            | 4918         | 0.16%          | 0.005%        |
| 19        | 4.931       | 4.920        | 4.960      | HH       | 564            | 5658         | 0.18%          | 0.005%        |
| 20        | 4.963       | 4.960        | 5.000      | PH       | 53             | -2519        | -0.08%         | -0.002%       |
| 21        | 5.023       | 5.000        | 5.062      | PH       | 755            | 8509         | 0.27%          | 0.008%        |
| 22        | 5.083       | 5.062        | 5.105      | PH       | 859            | 6953         | 0.22%          | 0.007%        |
| 23        | 5.112       | 5.105        | 5.122      | PH       | 48             | -162         | -0.01%         | -0.000%       |
| 24        | 5.142       | 5.122        | 5.154      | PH       | 73             | -548         | -0.02%         | -0.001%       |
| 25        | 5.173       | 5.154        | 5.183      | PH       | -35            | -1476        | -0.05%         | -0.001%       |
| 26        | 5.202       | 5.183        | 5.237      | PH       | 576            | 4785         | 0.15%          | 0.005%        |
| 27        | 5.258       | 5.237        | 5.284      | PH       | 987            | 10809        | 0.35%          | 0.010%        |
| 28        | 5.307       | 5.284        | 5.323      | HH       | 663            | 8410         | 0.27%          | 0.008%        |
| 29        | 5.331       | 5.323        | 5.356      | HH       | 289            | 2838         | 0.09%          | 0.003%        |
| 30        | 5.362       | 5.356        | 5.366      | PH       | -26            | -345         | -0.01%         | -0.000%       |
| 31        | 5.373       | 5.366        | 5.395      | PH       | 78             | -265         | -0.01%         | -0.000%       |
| 32        | 5.399       | 5.395        | 5.412      | PH       | 26             | -28          | -0.00%         | -0.000%       |
| 33        | 5.435       | 5.412        | 5.466      | PH       | 459            | 4849         | 0.15%          | 0.005%        |
| 34        | 5.508       | 5.466        | 5.522      | PH       | 1132           | 12211        | 0.39%          | 0.012%        |
| 35        | 5.548       | 5.522        | 5.654      | HH       | 5040           | 112834       | 3.60%          | 0.108%        |
| 36        | 5.660       | 5.654        | 5.687      | HH       | 262            | 1930         | 0.06%          | 0.002%        |

| rteres.txt |       |       |       |    |      |        |       |        |
|------------|-------|-------|-------|----|------|--------|-------|--------|
| 37         | 5.708 | 5.687 | 5.730 | PH | 339  | 2435   | 0.08% | 0.002% |
| 38         | 5.755 | 5.730 | 5.773 | PH | 289  | 2876   | 0.09% | 0.003% |
| 39         | 5.800 | 5.773 | 5.877 | PH | 4698 | 85869  | 2.74% | 0.082% |
| 40         | 5.893 | 5.877 | 5.913 | HH | 1013 | 14354  | 0.46% | 0.014% |
| 41         | 5.933 | 5.913 | 5.940 | HH | 650  | 8355   | 0.27% | 0.008% |
| 42         | 5.956 | 5.940 | 6.009 | HH | 1458 | 27590  | 0.88% | 0.026% |
| 43         | 6.014 | 6.009 | 6.020 | HH | 387  | 2520   | 0.08% | 0.002% |
| 44         | 6.033 | 6.020 | 6.054 | HH | 620  | 8829   | 0.28% | 0.008% |
| 45         | 6.085 | 6.054 | 6.091 | HH | 683  | 10924  | 0.35% | 0.010% |
| 46         | 6.110 | 6.091 | 6.137 | HH | 903  | 19975  | 0.64% | 0.019% |
| 47         | 6.156 | 6.137 | 6.167 | HH | 955  | 14420  | 0.46% | 0.014% |
| 48         | 6.185 | 6.167 | 6.213 | HH | 1931 | 36181  | 1.16% | 0.035% |
| 49         | 6.234 | 6.213 | 6.257 | HH | 2386 | 40539  | 1.29% | 0.039% |
| 50         | 6.265 | 6.257 | 6.284 | HH | 1202 | 14289  | 0.46% | 0.014% |
| 51         | 6.293 | 6.284 | 6.305 | HH | 645  | 7600   | 0.24% | 0.007% |
| 52         | 6.318 | 6.305 | 6.337 | HH | 694  | 10616  | 0.34% | 0.010% |
| 53         | 6.356 | 6.337 | 6.360 | HH | 573  | 7112   | 0.23% | 0.007% |
| 54         | 6.381 | 6.360 | 6.400 | HH | 2720 | 35286  | 1.13% | 0.034% |
| 55         | 6.413 | 6.400 | 6.437 | HH | 1328 | 19041  | 0.61% | 0.018% |
| 56         | 6.450 | 6.437 | 6.469 | HH | 491  | 7530   | 0.24% | 0.007% |
| 57         | 6.472 | 6.469 | 6.477 | HH | 451  | 1988   | 0.06% | 0.002% |
| 58         | 6.487 | 6.477 | 6.497 | HH | 552  | 5462   | 0.17% | 0.005% |
| 59         | 6.509 | 6.497 | 6.522 | HH | 630  | 7709   | 0.25% | 0.007% |
| 60         | 6.547 | 6.522 | 6.569 | HH | 1421 | 29792  | 0.95% | 0.029% |
| 61         | 6.596 | 6.569 | 6.641 | HH | 3518 | 84992  | 2.71% | 0.081% |
| 62         | 6.661 | 6.641 | 6.692 | HH | 2685 | 57540  | 1.84% | 0.055% |
| 63         | 6.720 | 6.692 | 6.735 | HH | 1937 | 41440  | 1.32% | 0.040% |
| 64         | 6.749 | 6.735 | 6.765 | HH | 2515 | 37598  | 1.20% | 0.036% |
| 65         | 6.786 | 6.765 | 6.813 | HH | 2453 | 57866  | 1.85% | 0.055% |
| 66         | 6.851 | 6.813 | 6.909 | HH | 4663 | 157935 | 5.04% | 0.151% |
| 67         | 6.932 | 6.909 | 6.963 | HH | 4958 | 86590  | 2.76% | 0.083% |
| 68         | 6.983 | 6.963 | 7.012 | HH | 3578 | 63145  | 2.02% | 0.060% |
| 69         | 7.028 | 7.012 | 7.047 | HH | 2011 | 32063  | 1.02% | 0.031% |
| 70         | 7.056 | 7.047 | 7.068 | HH | 1312 | 15870  | 0.51% | 0.015% |
| 71         | 7.076 | 7.068 | 7.085 | HH | 1358 | 13002  | 0.42% | 0.012% |
| 72         | 7.109 | 7.085 | 7.114 | HH | 1581 | 23899  | 0.76% | 0.023% |
| 73         | 7.119 | 7.114 | 7.130 | HH | 1527 | 13895  | 0.44% | 0.013% |
| 74         | 7.154 | 7.130 | 7.182 | HH | 3238 | 61099  | 1.95% | 0.058% |
| 75         | 7.212 | 7.182 | 7.226 | HH | 1528 | 34734  | 1.11% | 0.033% |
| 76         | 7.236 | 7.226 | 7.249 | HH | 1411 | 17717  | 0.57% | 0.017% |
| 77         | 7.279 | 7.249 | 7.297 | HH | 2091 | 46142  | 1.47% | 0.044% |
| 78         | 7.325 | 7.297 | 7.350 | HH | 2816 | 59279  | 1.89% | 0.057% |
| 79         | 7.362 | 7.350 | 7.384 | HH | 1506 | 25509  | 0.81% | 0.024% |
| 80         | 7.430 | 7.384 | 7.450 | HH | 2260 | 62213  | 1.99% | 0.060% |
| 81         | 7.483 | 7.450 | 7.500 | HH | 2089 | 46535  | 1.49% | 0.045% |
| 82         | 7.517 | 7.500 | 7.549 | HH | 1742 | 41428  | 1.32% | 0.040% |
| 83         | 7.579 | 7.549 | 7.585 | HH | 2825 | 43372  | 1.38% | 0.041% |
| 84         | 7.607 | 7.585 | 7.649 | HH | 3269 | 99611  | 3.18% | 0.095% |
| 85         | 7.672 | 7.649 | 7.690 | HH | 2527 | 52755  | 1.68% | 0.050% |
| 86         | 7.725 | 7.690 | 7.733 | HH | 4126 | 83910  | 2.68% | 0.080% |
| 87         | 7.753 | 7.733 | 7.797 | HH | 5011 | 160258 | 5.12% | 0.153% |
| 88         | 7.842 | 7.797 | 7.870 | HH | 8755 | 199072 | 6.36% | 0.190% |
| 89         | 7.886 | 7.870 | 7.903 | HH | 3450 | 58275  | 1.86% | 0.056% |

|     |        |       |        |    |            |        |        |        |
|-----|--------|-------|--------|----|------------|--------|--------|--------|
|     |        |       |        |    | rteres.txt |        |        |        |
| 90  | 7.939  | 7.903 | 7.955  | HH | 4787       | 113333 | 3.62%  | 0.108% |
| 91  | 8.018  | 7.955 | 8.052  | HH | 6898       | 272941 | 8.71%  | 0.261% |
| 92  | 8.079  | 8.052 | 8.105  | HH | 45885      | 630290 | 20.12% | 0.603% |
| 93  | 8.121  | 8.105 | 8.156  | HH | 18798      | 347145 | 11.08% | 0.332% |
| 94  | 8.167  | 8.156 | 8.198  | HH | 6176       | 122725 | 3.92%  | 0.117% |
| 95  | 8.205  | 8.198 | 8.237  | HH | 3914       | 85058  | 2.72%  | 0.081% |
| 96  | 8.258  | 8.237 | 8.284  | HH | 3683       | 94143  | 3.01%  | 0.090% |
| 97  | 8.293  | 8.284 | 8.299  | HH | 2960       | 26000  | 0.83%  | 0.025% |
| 98  | 8.302  | 8.299 | 8.335  | HH | 3002       | 60740  | 1.94%  | 0.058% |
| 99  | 8.348  | 8.335 | 8.357  | HH | 2924       | 36697  | 1.17%  | 0.035% |
| 100 | 8.374  | 8.357 | 8.381  | HH | 3647       | 47119  | 1.50%  | 0.045% |
| 101 | 8.391  | 8.381 | 8.396  | HH | 3806       | 35042  | 1.12%  | 0.034% |
| 102 | 8.416  | 8.396 | 8.449  | HH | 5961       | 144103 | 4.60%  | 0.138% |
| 103 | 8.465  | 8.449 | 8.489  | HH | 5371       | 105593 | 3.37%  | 0.101% |
| 104 | 8.508  | 8.489 | 8.518  | HH | 4618       | 77412  | 2.47%  | 0.074% |
| 105 | 8.526  | 8.518 | 8.534  | HH | 4621       | 42867  | 1.37%  | 0.041% |
| 106 | 8.555  | 8.534 | 8.582  | HH | 10706      | 184125 | 5.88%  | 0.176% |
| 107 | 8.606  | 8.582 | 8.617  | HH | 4482       | 81738  | 2.61%  | 0.078% |
| 108 | 8.627  | 8.617 | 8.641  | HH | 4162       | 55925  | 1.79%  | 0.054% |
| 109 | 8.661  | 8.641 | 8.678  | HH | 4200       | 86995  | 2.78%  | 0.083% |
| 110 | 8.698  | 8.678 | 8.713  | HH | 4506       | 86830  | 2.77%  | 0.083% |
| 111 | 8.739  | 8.713 | 8.762  | HH | 5410       | 139283 | 4.45%  | 0.133% |
| 112 | 8.778  | 8.762 | 8.810  | HH | 4929       | 129486 | 4.13%  | 0.124% |
| 113 | 8.840  | 8.810 | 8.859  | HH | 6460       | 149086 | 4.76%  | 0.143% |
| 114 | 8.867  | 8.859 | 8.900  | HH | 5231       | 113565 | 3.63%  | 0.109% |
| 115 | 8.926  | 8.900 | 8.950  | HH | 5803       | 137999 | 4.41%  | 0.132% |
| 116 | 8.978  | 8.950 | 8.997  | HH | 5161       | 123816 | 3.95%  | 0.118% |
| 117 | 9.017  | 8.997 | 9.030  | HH | 4962       | 87352  | 2.79%  | 0.084% |
| 118 | 9.038  | 9.030 | 9.044  | HH | 4591       | 36229  | 1.16%  | 0.035% |
| 119 | 9.065  | 9.044 | 9.094  | HH | 7793       | 173960 | 5.55%  | 0.166% |
| 120 | 9.118  | 9.094 | 9.144  | HH | 4919       | 137307 | 4.38%  | 0.131% |
| 121 | 9.158  | 9.144 | 9.179  | HH | 5880       | 104342 | 3.33%  | 0.100% |
| 122 | 9.213  | 9.179 | 9.252  | HH | 10186      | 286688 | 9.15%  | 0.274% |
| 123 | 9.292  | 9.252 | 9.314  | HH | 5827       | 194838 | 6.22%  | 0.186% |
| 124 | 9.344  | 9.314 | 9.362  | HH | 7091       | 162026 | 5.17%  | 0.155% |
| 125 | 9.374  | 9.362 | 9.389  | HH | 6142       | 91512  | 2.92%  | 0.088% |
| 126 | 9.397  | 9.389 | 9.424  | HH | 5723       | 107493 | 3.43%  | 0.103% |
| 127 | 9.429  | 9.424 | 9.432  | HH | 4280       | 19885  | 0.63%  | 0.019% |
| 128 | 9.456  | 9.432 | 9.496  | HH | 5485       | 181620 | 5.80%  | 0.174% |
| 129 | 9.533  | 9.496 | 9.545  | HH | 5370       | 139720 | 4.46%  | 0.134% |
| 130 | 9.570  | 9.545 | 9.597  | HH | 6684       | 174282 | 5.56%  | 0.167% |
| 131 | 9.616  | 9.597 | 9.635  | HH | 8330       | 151067 | 4.82%  | 0.145% |
| 132 | 9.654  | 9.635 | 9.693  | HH | 7053       | 211298 | 6.75%  | 0.202% |
| 133 | 9.717  | 9.693 | 9.730  | HH | 5903       | 124761 | 3.98%  | 0.119% |
| 134 | 9.748  | 9.730 | 9.765  | HH | 6051       | 118963 | 3.80%  | 0.114% |
| 135 | 9.775  | 9.765 | 9.807  | HH | 5619       | 135471 | 4.32%  | 0.130% |
| 136 | 9.823  | 9.807 | 9.837  | HH | 5623       | 98327  | 3.14%  | 0.094% |
| 137 | 9.842  | 9.837 | 9.845  | HH | 5247       | 24818  | 0.79%  | 0.024% |
| 138 | 9.860  | 9.845 | 9.875  | HH | 5475       | 95681  | 3.05%  | 0.092% |
| 139 | 9.894  | 9.875 | 9.926  | HH | 6114       | 174245 | 5.56%  | 0.167% |
| 140 | 9.954  | 9.926 | 9.974  | HH | 7124       | 180360 | 5.76%  | 0.173% |
| 141 | 10.003 | 9.974 | 10.026 | HH | 14093      | 304280 | 9.71%  | 0.291% |

|     |        |        |        |    | rteres.txt |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
| 142 | 10.056 | 10.026 | 10.064 | HH | 8108       | 168087  | 5.37%  | 0.161% |
| 143 | 10.079 | 10.064 | 10.102 | HH | 9005       | 188363  | 6.01%  | 0.180% |
| 144 | 10.121 | 10.102 | 10.134 | HH | 8539       | 150245  | 4.80%  | 0.144% |
| 145 | 10.144 | 10.134 | 10.170 | HH | 8310       | 159206  | 5.08%  | 0.152% |
| 146 | 10.193 | 10.170 | 10.219 | HH | 7967       | 214960  | 6.86%  | 0.206% |
| 147 | 10.247 | 10.219 | 10.267 | HH | 10948      | 261108  | 8.34%  | 0.250% |
| 148 | 10.277 | 10.267 | 10.299 | HH | 8999       | 162900  | 5.20%  | 0.156% |
| 149 | 10.355 | 10.299 | 10.383 | HH | 11203      | 444277  | 14.18% | 0.425% |
| 150 | 10.424 | 10.383 | 10.455 | HH | 19666      | 520850  | 16.63% | 0.498% |
| 151 | 10.472 | 10.455 | 10.516 | HH | 9190       | 296337  | 9.46%  | 0.283% |
| 152 | 10.538 | 10.516 | 10.552 | HH | 7852       | 160914  | 5.14%  | 0.154% |
| 153 | 10.599 | 10.552 | 10.637 | HH | 16662      | 534164  | 17.05% | 0.511% |
| 154 | 10.676 | 10.637 | 10.711 | HH | 13727      | 478754  | 15.28% | 0.458% |
| 155 | 10.742 | 10.711 | 10.790 | HH | 11166      | 450188  | 14.37% | 0.431% |
| 156 | 10.819 | 10.790 | 10.838 | HH | 8849       | 239008  | 7.63%  | 0.229% |
| 157 | 10.855 | 10.838 | 10.874 | HH | 8697       | 176145  | 5.62%  | 0.169% |
| 158 | 10.878 | 10.874 | 10.890 | HH | 8214       | 77098   | 2.46%  | 0.074% |
| 159 | 10.907 | 10.890 | 10.929 | HH | 9481       | 207766  | 6.63%  | 0.199% |
| 160 | 10.988 | 10.929 | 11.019 | HH | 10508      | 513723  | 16.40% | 0.491% |
| 161 | 11.053 | 11.019 | 11.069 | HH | 12099      | 309676  | 9.89%  | 0.296% |
| 162 | 11.089 | 11.069 | 11.109 | HH | 12932      | 279660  | 8.93%  | 0.268% |
| 163 | 11.142 | 11.109 | 11.174 | HH | 18572      | 523331  | 16.71% | 0.501% |
| 164 | 11.195 | 11.174 | 11.209 | HH | 11007      | 217273  | 6.94%  | 0.208% |
| 165 | 11.233 | 11.209 | 11.267 | HH | 13043      | 398645  | 12.73% | 0.381% |
| 166 | 11.290 | 11.267 | 11.312 | HH | 12206      | 307378  | 9.81%  | 0.294% |
| 167 | 11.323 | 11.312 | 11.339 | HH | 11179      | 176665  | 5.64%  | 0.169% |
| 168 | 11.351 | 11.339 | 11.357 | HH | 11212      | 122452  | 3.91%  | 0.117% |
| 169 | 11.364 | 11.357 | 11.377 | HH | 11169      | 131147  | 4.19%  | 0.125% |
| 170 | 11.398 | 11.377 | 11.414 | HH | 15070      | 288284  | 9.20%  | 0.276% |
| 171 | 11.432 | 11.414 | 11.474 | HH | 16954      | 492653  | 15.73% | 0.471% |
| 172 | 11.505 | 11.474 | 11.526 | HH | 17243      | 441807  | 14.10% | 0.423% |
| 173 | 11.544 | 11.526 | 11.558 | HH | 17688      | 304358  | 9.72%  | 0.291% |
| 174 | 11.576 | 11.558 | 11.635 | HH | 19451      | 641634  | 20.48% | 0.614% |
| 175 | 11.655 | 11.635 | 11.672 | HH | 13017      | 267378  | 8.54%  | 0.256% |
| 176 | 11.699 | 11.672 | 11.751 | HH | 15880      | 651670  | 20.80% | 0.623% |
| 177 | 11.795 | 11.751 | 11.833 | HH | 15404      | 678589  | 21.66% | 0.649% |
| 178 | 11.873 | 11.833 | 11.897 | HH | 15121      | 520373  | 16.61% | 0.498% |
| 179 | 11.929 | 11.897 | 11.934 | HH | 14992      | 305022  | 9.74%  | 0.292% |
| 180 | 11.951 | 11.934 | 11.975 | HH | 15512      | 360738  | 11.52% | 0.345% |
| 181 | 12.007 | 11.975 | 12.032 | HH | 15809      | 499141  | 15.93% | 0.478% |
| 182 | 12.070 | 12.032 | 12.087 | HH | 15417      | 481307  | 15.37% | 0.460% |
| 183 | 12.125 | 12.087 | 12.148 | HH | 16008      | 564691  | 18.03% | 0.540% |
| 184 | 12.166 | 12.148 | 12.179 | HH | 17218      | 301688  | 9.63%  | 0.289% |
| 185 | 12.187 | 12.179 | 12.225 | HH | 17752      | 453736  | 14.49% | 0.434% |
| 186 | 12.254 | 12.225 | 12.258 | HH | 17004      | 310299  | 9.91%  | 0.297% |
| 187 | 12.293 | 12.258 | 12.315 | HH | 30276      | 791570  | 25.27% | 0.757% |
| 188 | 12.332 | 12.315 | 12.346 | HH | 21894      | 376135  | 12.01% | 0.360% |
| 189 | 12.359 | 12.346 | 12.390 | HH | 21711      | 529750  | 16.91% | 0.507% |
| 190 | 12.412 | 12.390 | 12.477 | HH | 34910      | 1104559 | 35.26% | 1.057% |
| 191 | 12.505 | 12.477 | 12.522 | HH | 17248      | 432744  | 13.81% | 0.414% |
| 192 | 12.549 | 12.522 | 12.585 | HH | 22216      | 699942  | 22.34% | 0.670% |
| 193 | 12.602 | 12.585 | 12.619 | HH | 17509      | 346133  | 11.05% | 0.331% |
| 194 | 12.654 | 12.619 | 12.685 | HH | 25926      | 792525  | 25.30% | 0.758% |

|     |        |        |        |    |            |         |         |        |
|-----|--------|--------|--------|----|------------|---------|---------|--------|
|     |        |        |        |    | rteres.txt |         |         |        |
| 195 | 12.707 | 12.685 | 12.723 | HH | 41984      | 679890  | 21.70%  | 0.650% |
| 196 | 12.739 | 12.723 | 12.765 | HH | 42390      | 746953  | 23.85%  | 0.715% |
| 197 | 12.769 | 12.765 | 12.788 | HH | 19274      | 247401  | 7.90%   | 0.237% |
| 198 | 12.806 | 12.788 | 12.829 | HH | 21514      | 465004  | 14.84%  | 0.445% |
| 199 | 12.856 | 12.829 | 12.955 | HH | 20327      | 1366291 | 43.62%  | 1.307% |
| 200 | 12.980 | 12.955 | 13.021 | HH | 20519      | 745843  | 23.81%  | 0.714% |
| 201 | 13.040 | 13.021 | 13.073 | HH | 21768      | 601808  | 19.21%  | 0.576% |
| 202 | 13.079 | 13.073 | 13.085 | HH | 17483      | 131531  | 4.20%   | 0.126% |
| 203 | 13.106 | 13.085 | 13.118 | HH | 21877      | 389771  | 12.44%  | 0.373% |
| 204 | 13.131 | 13.118 | 13.148 | HH | 22391      | 382939  | 12.22%  | 0.366% |
| 205 | 13.174 | 13.148 | 13.196 | HH | 24652      | 654774  | 20.90%  | 0.626% |
| 206 | 13.206 | 13.196 | 13.241 | HH | 21523      | 538295  | 17.18%  | 0.515% |
| 207 | 13.298 | 13.241 | 13.343 | HH | 34553      | 1481969 | 47.31%  | 1.418% |
| 208 | 13.347 | 13.343 | 13.351 | HH | 20499      | 103153  | 3.29%   | 0.099% |
| 209 | 13.371 | 13.351 | 13.382 | HH | 21679      | 398405  | 12.72%  | 0.381% |
| 210 | 13.407 | 13.382 | 13.427 | HH | 30298      | 689003  | 22.00%  | 0.659% |
| 211 | 13.445 | 13.427 | 13.492 | HH | 28878      | 935680  | 29.87%  | 0.895% |
| 212 | 13.527 | 13.492 | 13.545 | HH | 34236      | 846128  | 27.01%  | 0.809% |
| 213 | 13.572 | 13.545 | 13.595 | HH | 35746      | 891398  | 28.46%  | 0.853% |
| 214 | 13.614 | 13.595 | 13.665 | HH | 29425      | 1016674 | 32.46%  | 0.973% |
| 215 | 13.675 | 13.665 | 13.684 | HH | 21158      | 230292  | 7.35%   | 0.220% |
| 216 | 13.686 | 13.684 | 13.696 | HH | 20968      | 150219  | 4.80%   | 0.144% |
| 217 | 13.703 | 13.696 | 13.724 | HH | 21244      | 345223  | 11.02%  | 0.330% |
| 218 | 13.773 | 13.724 | 13.790 | HH | 22609      | 868218  | 27.72%  | 0.831% |
| 219 | 13.794 | 13.790 | 13.830 | HH | 22523      | 521257  | 16.64%  | 0.499% |
| 220 | 13.857 | 13.830 | 13.863 | HH | 22107      | 417481  | 13.33%  | 0.399% |
| 221 | 13.882 | 13.863 | 13.896 | HH | 22853      | 439936  | 14.04%  | 0.421% |
| 222 | 13.915 | 13.896 | 13.930 | HH | 23501      | 477017  | 15.23%  | 0.456% |
| 223 | 13.967 | 13.930 | 13.976 | HH | 25579      | 669436  | 21.37%  | 0.640% |
| 224 | 14.004 | 13.976 | 14.025 | HH | 28290      | 794874  | 25.38%  | 0.760% |
| 225 | 14.032 | 14.025 | 14.067 | HH | 26896      | 635477  | 20.29%  | 0.608% |
| 226 | 14.119 | 14.067 | 14.197 | HH | 31309      | 2121116 | 67.71%  | 2.029% |
| 227 | 14.216 | 14.197 | 14.227 | HH | 31555      | 531387  | 16.96%  | 0.508% |
| 228 | 14.240 | 14.227 | 14.255 | HH | 31311      | 513923  | 16.41%  | 0.492% |
| 229 | 14.272 | 14.255 | 14.294 | HH | 34188      | 699924  | 22.34%  | 0.670% |
| 230 | 14.307 | 14.294 | 14.316 | HH | 26590      | 352244  | 11.25%  | 0.337% |
| 231 | 14.338 | 14.316 | 14.375 | HH | 27810      | 948170  | 30.27%  | 0.907% |
| 232 | 14.399 | 14.375 | 14.420 | HH | 29535      | 728618  | 23.26%  | 0.697% |
| 233 | 14.456 | 14.420 | 14.491 | HH | 90166      | 2006142 | 64.04%  | 1.919% |
| 234 | 14.503 | 14.491 | 14.515 | HH | 25630      | 375604  | 11.99%  | 0.359% |
| 235 | 14.542 | 14.515 | 14.565 | HH | 33714      | 874673  | 27.92%  | 0.837% |
| 236 | 14.586 | 14.565 | 14.606 | HH | 46659      | 919241  | 29.35%  | 0.879% |
| 237 | 14.627 | 14.606 | 14.650 | HH | 52863      | 1074160 | 34.29%  | 1.028% |
| 238 | 14.658 | 14.650 | 14.684 | HH | 31979      | 594331  | 18.97%  | 0.569% |
| 239 | 14.703 | 14.684 | 14.711 | HH | 27817      | 441803  | 14.10%  | 0.423% |
| 240 | 14.766 | 14.711 | 14.831 | HH | 37452      | 2276957 | 72.69%  | 2.178% |
| 241 | 14.850 | 14.831 | 14.855 | HH | 28265      | 400950  | 12.80%  | 0.384% |
| 242 | 14.862 | 14.855 | 14.873 | HH | 28489      | 300867  | 9.60%   | 0.288% |
| 243 | 14.902 | 14.873 | 14.918 | HH | 32238      | 815913  | 26.05%  | 0.781% |
| 244 | 14.939 | 14.918 | 14.977 | HH | 30504      | 1045067 | 33.36%  | 1.000% |
| 245 | 15.046 | 14.977 | 15.114 | HH | 66925      | 3132442 | 100.00% | 2.997% |
| 246 | 15.136 | 15.114 | 15.148 | HH | 28840      | 579539  | 18.50%  | 0.554% |

|     |        |        |        |     |                                   |         |        |        |
|-----|--------|--------|--------|-----|-----------------------------------|---------|--------|--------|
|     |        |        |        |     | rteres.txt                        |         |        |        |
| 247 | 15.177 | 15.148 | 15.202 | HH  | 37250                             | 1073028 | 34.26% | 1.027% |
| 248 | 15.233 | 15.202 | 15.243 | HH  | 42335                             | 936166  | 29.89% | 0.896% |
| 249 | 15.260 | 15.243 | 15.282 | HH  | 50851                             | 987919  | 31.54% | 0.945% |
| 250 | 15.299 | 15.282 | 15.330 | HH  | 38510                             | 976259  | 31.17% | 0.934% |
| 251 | 15.351 | 15.330 | 15.362 | HH  | 33689                             | 638403  | 20.38% | 0.611% |
| 252 | 15.369 | 15.362 | 15.373 | HH  | 33713                             | 221118  | 7.06%  | 0.212% |
| 253 | 15.424 | 15.373 | 15.459 | HH  | 45094                             | 1992614 | 63.61% | 1.906% |
| 254 | 15.492 | 15.459 | 15.497 | HH  | 34466                             | 781405  | 24.95% | 0.748% |
| 255 | 15.501 | 15.497 | 15.522 | HH  | 34405                             | 486932  | 15.54% | 0.466% |
| 256 | 15.556 | 15.522 | 15.565 | HH  | 32982                             | 837271  | 26.73% | 0.801% |
| 257 | 15.594 | 15.565 | 15.610 | HH  | 34189                             | 900817  | 28.76% | 0.862% |
| 258 | 15.622 | 15.610 | 15.637 | HH  | 34551                             | 534639  | 17.07% | 0.511% |
| 259 | 15.647 | 15.637 | 15.658 | HH  | 33576                             | 418629  | 13.36% | 0.400% |
| 260 | 15.677 | 15.658 | 15.704 | HH  | 39757                             | 989409  | 31.59% | 0.947% |
| 261 | 15.709 | 15.704 | 15.717 | HH  | 33954                             | 262977  | 8.40%  | 0.252% |
| 262 | 15.723 | 15.717 | 15.744 | HH  | 33748                             | 534005  | 17.05% | 0.511% |
| 263 | 15.761 | 15.744 | 15.766 | HH  | 32207                             | 416774  | 13.31% | 0.399% |
| 264 | 15.771 | 15.766 | 15.784 | HH  | 32492                             | 352245  | 11.25% | 0.337% |
| 265 | 15.792 | 15.784 | 15.809 | HH  | 31866                             | 467335  | 14.92% | 0.447% |
| 266 | 15.814 | 15.809 | 15.818 | HH  | 30991                             | 172821  | 5.52%  | 0.165% |
| 267 | 15.856 | 15.818 | 15.885 | HH  | 37299                             | 1372390 | 43.81% | 1.313% |
| 268 | 15.896 | 15.885 | 15.924 | HH  | 35867                             | 814669  | 26.01% | 0.779% |
| 269 | 15.961 | 15.924 | 15.991 | HH  | 41824                             | 1525225 | 48.69% | 1.459% |
| 270 | 16.011 | 15.991 | 16.015 | HH  | 37395                             | 536243  | 17.12% | 0.513% |
| 271 | 16.031 | 16.015 | 16.039 | HH  | 38807                             | 541980  | 17.30% | 0.518% |
| 272 | 16.061 | 16.039 | 16.098 | HH  | 46067                             | 1401928 | 44.76% | 1.341% |
| 273 | 16.148 | 16.098 | 16.213 | HH  | 64899                             | 3098182 | 98.91% | 2.964% |
| 274 | 16.222 | 16.213 | 16.233 | HH  | 36457                             | 438756  | 14.01% | 0.420% |
| 275 | 16.242 | 16.233 | 16.255 | HH  | 35966                             | 471913  | 15.07% | 0.451% |
| 276 | 16.278 | 16.255 | 16.301 | HH  | 44878                             | 1108529 | 35.39% | 1.061% |
| 277 | 16.308 | 16.301 | 16.321 | HH  | 37587                             | 445226  | 14.21% | 0.426% |
| 278 | 16.327 | 16.321 | 16.360 | HH  | 36960                             | 843983  | 26.94% | 0.807% |
| 279 | 16.379 | 16.360 | 16.399 | HH  | 36629                             | 825980  | 26.37% | 0.790% |
| 280 | 16.468 | 16.399 | 16.498 | HH  | 58658                             | 2529582 | 80.75% | 2.420% |
| 281 | 16.527 | 16.498 | 16.568 | HH  | 65137                             | 1957879 | 62.50% | 1.873% |
| 282 | 16.627 | 16.568 | 16.648 | HH  | 55095                             | 2070539 | 66.10% | 1.981% |
| 283 | 16.669 | 16.648 | 16.680 | HHA | 56982                             | 1016154 | 32.44% | 0.972% |
|     |        |        |        |     | Sum of corrected areas: 104528601 |         |        |        |

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