

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF071318\  
 Data File : FF001328.D  
 Signal(s) : FID2B.ch  
 Acq On : 13 Jul 2018 12:51  
 Sample : J3948-03 2X  
 Misc :  
 ALS Vial : 57 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        | 4.242      | BH       | 509            | 4282         | 0.09%          | 0.005%        |
| 2         | 4.260       | 4.242        | 4.279      | PH       | 979            | 8064         | 0.18%          | 0.010%        |
| 3         | 4.291       | 4.279        | 4.311      | HH       | 454            | 4002         | 0.09%          | 0.005%        |
| 4         | 4.322       | 4.311        | 4.341      | HH       | 182            | 1452         | 0.03%          | 0.002%        |
| 5         | 4.365       | 4.341        | 4.407      | PH       | 11897          | 134724       | 2.97%          | 0.168%        |
| 6         | 4.432       | 4.407        | 4.457      | HH       | 3244           | 43473        | 0.96%          | 0.054%        |
| 7         | 4.474       | 4.457        | 4.489      | HH       | 1330           | 15248        | 0.34%          | 0.019%        |
| 8         | 4.498       | 4.489        | 4.519      | HH       | 425            | 4048         | 0.09%          | 0.005%        |
| 9         | 4.522       | 4.519        | 4.526      | HH       | 55             | 82           | 0.00%          | 0.000%        |
| 10        | 4.531       | 4.526        | 4.537      | PH       | 92             | 334          | 0.01%          | 0.000%        |
| 11        | 4.548       | 4.537        | 4.555      | HH       | 277            | 1791         | 0.04%          | 0.002%        |
| 12        | 4.572       | 4.555        | 4.590      | HH       | 1405           | 15018        | 0.33%          | 0.019%        |
| 13        | 4.594       | 4.590        | 4.606      | HH       | 409            | 2246         | 0.05%          | 0.003%        |
| 14        | 4.634       | 4.606        | 4.656      | PH       | 1119           | 15193        | 0.33%          | 0.019%        |
| 15        | 4.673       | 4.656        | 4.717      | HH       | 1517           | 16821        | 0.37%          | 0.021%        |
| 16        | 4.744       | 4.717        | 4.763      | PH       | 56             | -4022        | -0.09%         | -0.005%       |
| 17        | 4.776       | 4.763        | 4.797      | PH       | -53            | -4038        | -0.09%         | -0.005%       |
| 18        | 4.829       | 4.797        | 4.844      | PH       | 382            | 2177         | 0.05%          | 0.003%        |
| 19        | 4.859       | 4.844        | 4.884      | HH       | 807            | 8342         | 0.18%          | 0.010%        |
| 20        | 4.904       | 4.884        | 4.921      | PH       | 1606           | 18002        | 0.40%          | 0.022%        |
| 21        | 4.933       | 4.921        | 4.949      | HH       | 1924           | 20615        | 0.45%          | 0.026%        |
| 22        | 4.959       | 4.949        | 4.999      | HH       | 789            | 6791         | 0.15%          | 0.008%        |
| 23        | 5.024       | 4.999        | 5.032      | PH       | 646            | 4864         | 0.11%          | 0.006%        |
| 24        | 5.040       | 5.032        | 5.062      | HH       | 713            | 8778         | 0.19%          | 0.011%        |
| 25        | 5.077       | 5.062        | 5.099      | HH       | 1080           | 12370        | 0.27%          | 0.015%        |
| 26        | 5.111       | 5.099        | 5.129      | HH       | 362            | 5255         | 0.12%          | 0.007%        |
| 27        | 5.142       | 5.129        | 5.157      | HH       | 459            | 4199         | 0.09%          | 0.005%        |
| 28        | 5.169       | 5.157        | 5.174      | PH       | 226            | 792          | 0.02%          | 0.001%        |
| 29        | 5.199       | 5.174        | 5.240      | HH       | 5090           | 65714        | 1.45%          | 0.082%        |
| 30        | 5.260       | 5.240        | 5.277      | HH       | 1624           | 25601        | 0.56%          | 0.032%        |
| 31        | 5.286       | 5.277        | 5.355      | HH       | 1540           | 22483        | 0.50%          | 0.028%        |
| 32        | 5.374       | 5.355        | 5.414      | PH       | 294            | 2460         | 0.05%          | 0.003%        |
| 33        | 5.437       | 5.414        | 5.472      | PH       | 2173           | 31894        | 0.70%          | 0.040%        |
| 34        | 5.476       | 5.472        | 5.481      | HH       | 136            | 580          | 0.01%          | 0.001%        |
| 35        | 5.485       | 5.481        | 5.490      | HH       | 170            | 597          | 0.01%          | 0.001%        |
| 36        | 5.549       | 5.490        | 5.611      | HH       | 4668           | 166293       | 3.66%          | 0.207%        |

| rteres.txt |       |       |       |    |        |         |        |        |
|------------|-------|-------|-------|----|--------|---------|--------|--------|
| 37         | 5.624 | 5.611 | 5.654 | HH | 1245   | 20935   | 0.46%  | 0.026% |
| 38         | 5.659 | 5.654 | 5.687 | HH | 497    | 3725    | 0.08%  | 0.005% |
| 39         | 5.710 | 5.687 | 5.727 | PH | 712    | 7847    | 0.17%  | 0.010% |
| 40         | 5.756 | 5.727 | 5.772 | HH | 1057   | 13821   | 0.30%  | 0.017% |
| 41         | 5.795 | 5.772 | 5.838 | HH | 108367 | 1263647 | 27.83% | 1.577% |
| 42         | 5.845 | 5.838 | 5.875 | HH | 5298   | 85427   | 1.88%  | 0.107% |
| 43         | 5.893 | 5.875 | 5.912 | HH | 3548   | 60958   | 1.34%  | 0.076% |
| 44         | 5.929 | 5.912 | 5.941 | HH | 2562   | 36989   | 0.81%  | 0.046% |
| 45         | 5.955 | 5.941 | 5.999 | HH | 2841   | 63016   | 1.39%  | 0.079% |
| 46         | 6.013 | 5.999 | 6.023 | HH | 1376   | 17024   | 0.37%  | 0.021% |
| 47         | 6.034 | 6.023 | 6.051 | HH | 1627   | 23138   | 0.51%  | 0.029% |
| 48         | 6.068 | 6.051 | 6.092 | HH | 1651   | 34759   | 0.77%  | 0.043% |
| 49         | 6.110 | 6.092 | 6.134 | HH | 1703   | 34559   | 0.76%  | 0.043% |
| 50         | 6.158 | 6.134 | 6.171 | HH | 1959   | 37613   | 0.83%  | 0.047% |
| 51         | 6.185 | 6.171 | 6.219 | HH | 3247   | 65702   | 1.45%  | 0.082% |
| 52         | 6.235 | 6.219 | 6.257 | HH | 2897   | 50650   | 1.12%  | 0.063% |
| 53         | 6.263 | 6.257 | 6.281 | HH | 1953   | 22237   | 0.49%  | 0.028% |
| 54         | 6.295 | 6.281 | 6.310 | HH | 1474   | 21357   | 0.47%  | 0.027% |
| 55         | 6.316 | 6.310 | 6.329 | HH | 1065   | 11338   | 0.25%  | 0.014% |
| 56         | 6.342 | 6.329 | 6.346 | HH | 1263   | 11842   | 0.26%  | 0.015% |
| 57         | 6.353 | 6.346 | 6.359 | HH | 1292   | 9167    | 0.20%  | 0.011% |
| 58         | 6.381 | 6.359 | 6.402 | HH | 6375   | 84866   | 1.87%  | 0.106% |
| 59         | 6.414 | 6.402 | 6.443 | HH | 2560   | 49157   | 1.08%  | 0.061% |
| 60         | 6.449 | 6.443 | 6.465 | HH | 1349   | 15241   | 0.34%  | 0.019% |
| 61         | 6.507 | 6.465 | 6.525 | HH | 1789   | 45926   | 1.01%  | 0.057% |
| 62         | 6.549 | 6.525 | 6.573 | HH | 3789   | 69370   | 1.53%  | 0.087% |
| 63         | 6.583 | 6.573 | 6.598 | HH | 2401   | 31115   | 0.69%  | 0.039% |
| 64         | 6.625 | 6.598 | 6.654 | HH | 3003   | 71053   | 1.56%  | 0.089% |
| 65         | 6.671 | 6.654 | 6.705 | HH | 1992   | 50449   | 1.11%  | 0.063% |
| 66         | 6.750 | 6.705 | 6.767 | HH | 3842   | 94263   | 2.08%  | 0.118% |
| 67         | 6.786 | 6.767 | 6.817 | HH | 4315   | 87451   | 1.93%  | 0.109% |
| 68         | 6.849 | 6.817 | 6.911 | HH | 22833  | 422777  | 9.31%  | 0.527% |
| 69         | 6.932 | 6.911 | 6.959 | HH | 7104   | 119775  | 2.64%  | 0.149% |
| 70         | 6.981 | 6.959 | 7.017 | HH | 37984  | 480565  | 10.58% | 0.600% |
| 71         | 7.029 | 7.017 | 7.064 | HH | 3999   | 83205   | 1.83%  | 0.104% |
| 72         | 7.076 | 7.064 | 7.088 | HH | 2629   | 35499   | 0.78%  | 0.044% |
| 73         | 7.099 | 7.088 | 7.140 | HH | 2496   | 69892   | 1.54%  | 0.087% |
| 74         | 7.153 | 7.140 | 7.179 | HH | 2344   | 45194   | 1.00%  | 0.056% |
| 75         | 7.205 | 7.179 | 7.229 | HH | 2343   | 55046   | 1.21%  | 0.069% |
| 76         | 7.234 | 7.229 | 7.256 | HH | 1802   | 26758   | 0.59%  | 0.033% |
| 77         | 7.275 | 7.256 | 7.300 | HH | 2361   | 49101   | 1.08%  | 0.061% |
| 78         | 7.325 | 7.300 | 7.349 | HH | 4745   | 81600   | 1.80%  | 0.102% |
| 79         | 7.370 | 7.349 | 7.397 | HH | 2054   | 47766   | 1.05%  | 0.060% |
| 80         | 7.430 | 7.397 | 7.450 | HH | 2187   | 55563   | 1.22%  | 0.069% |
| 81         | 7.486 | 7.450 | 7.502 | HH | 3409   | 67955   | 1.50%  | 0.085% |
| 82         | 7.516 | 7.502 | 7.529 | HH | 2793   | 37593   | 0.83%  | 0.047% |
| 83         | 7.538 | 7.529 | 7.552 | HH | 2522   | 32887   | 0.72%  | 0.041% |
| 84         | 7.574 | 7.552 | 7.656 | HH | 14414  | 350438  | 7.72%  | 0.437% |
| 85         | 7.673 | 7.656 | 7.692 | HH | 3523   | 61922   | 1.36%  | 0.077% |
| 86         | 7.727 | 7.692 | 7.760 | HH | 14090  | 285984  | 6.30%  | 0.357% |
| 87         | 7.772 | 7.760 | 7.799 | HH | 5488   | 101563  | 2.24%  | 0.127% |
| 88         | 7.842 | 7.799 | 7.907 | HH | 17026  | 444172  | 9.78%  | 0.554% |
| 89         | 7.940 | 7.907 | 7.957 | HH | 21652  | 305307  | 6.72%  | 0.381% |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 90         | 7.969  | 7.957  | 7.984  | HH | 10575  | 140727  | 3.10%  | 0.176% |
| 91         | 8.000  | 7.984  | 8.049  | HH | 10909  | 265143  | 5.84%  | 0.331% |
| 92         | 8.080  | 8.049  | 8.100  | HH | 32540  | 475999  | 10.48% | 0.594% |
| 93         | 8.121  | 8.100  | 8.187  | HH | 43708  | 751500  | 16.55% | 0.938% |
| 94         | 8.213  | 8.187  | 8.243  | HH | 6814   | 152118  | 3.35%  | 0.190% |
| 95         | 8.259  | 8.243  | 8.282  | HH | 3895   | 76382   | 1.68%  | 0.095% |
| 96         | 8.299  | 8.282  | 8.329  | HH | 2837   | 73152   | 1.61%  | 0.091% |
| 97         | 8.345  | 8.329  | 8.354  | HH | 2693   | 37654   | 0.83%  | 0.047% |
| 98         | 8.374  | 8.354  | 8.383  | HH | 4629   | 65232   | 1.44%  | 0.081% |
| 99         | 8.415  | 8.383  | 8.452  | HH | 101058 | 1280389 | 28.20% | 1.597% |
| 100        | 8.467  | 8.452  | 8.506  | HH | 9869   | 219256  | 4.83%  | 0.274% |
| 101        | 8.512  | 8.506  | 8.524  | HH | 4890   | 53111   | 1.17%  | 0.066% |
| 102        | 8.556  | 8.524  | 8.592  | HH | 10409  | 240322  | 5.29%  | 0.300% |
| 103        | 8.609  | 8.592  | 8.637  | HH | 4174   | 97695   | 2.15%  | 0.122% |
| 104        | 8.658  | 8.637  | 8.674  | HH | 7253   | 117440  | 2.59%  | 0.147% |
| 105        | 8.694  | 8.674  | 8.715  | HH | 8868   | 158997  | 3.50%  | 0.198% |
| 106        | 8.732  | 8.715  | 8.757  | HH | 6054   | 129390  | 2.85%  | 0.161% |
| 107        | 8.782  | 8.757  | 8.808  | HH | 6552   | 157823  | 3.48%  | 0.197% |
| 108        | 8.827  | 8.808  | 8.851  | HH | 7756   | 157097  | 3.46%  | 0.196% |
| 109        | 8.868  | 8.851  | 8.906  | HH | 8618   | 178945  | 3.94%  | 0.223% |
| 110        | 8.929  | 8.906  | 8.955  | HH | 6357   | 136176  | 3.00%  | 0.170% |
| 111        | 8.980  | 8.955  | 8.999  | HH | 8586   | 151780  | 3.34%  | 0.189% |
| 112        | 9.014  | 8.999  | 9.037  | HH | 7982   | 129588  | 2.85%  | 0.162% |
| 113        | 9.064  | 9.037  | 9.088  | HH | 12040  | 213921  | 4.71%  | 0.267% |
| 114        | 9.117  | 9.088  | 9.139  | HH | 7805   | 170637  | 3.76%  | 0.213% |
| 115        | 9.158  | 9.139  | 9.176  | HH | 9812   | 148901  | 3.28%  | 0.186% |
| 116        | 9.200  | 9.176  | 9.257  | HH | 40937  | 761704  | 16.78% | 0.950% |
| 117        | 9.276  | 9.257  | 9.313  | HH | 8510   | 218166  | 4.80%  | 0.272% |
| 118        | 9.319  | 9.313  | 9.326  | HH | 5735   | 43315   | 0.95%  | 0.054% |
| 119        | 9.344  | 9.326  | 9.366  | HH | 11837  | 208604  | 4.59%  | 0.260% |
| 120        | 9.378  | 9.366  | 9.389  | HH | 7000   | 89825   | 1.98%  | 0.112% |
| 121        | 9.406  | 9.389  | 9.435  | HH | 9567   | 194605  | 4.29%  | 0.243% |
| 122        | 9.459  | 9.435  | 9.492  | HH | 8520   | 190095  | 4.19%  | 0.237% |
| 123        | 9.517  | 9.492  | 9.552  | HH | 10473  | 252756  | 5.57%  | 0.315% |
| 124        | 9.573  | 9.552  | 9.594  | HH | 6695   | 139381  | 3.07%  | 0.174% |
| 125        | 9.620  | 9.594  | 9.638  | HH | 8769   | 176672  | 3.89%  | 0.220% |
| 126        | 9.651  | 9.638  | 9.700  | HH | 7285   | 219926  | 4.84%  | 0.274% |
| 127        | 9.717  | 9.700  | 9.743  | HH | 5167   | 112893  | 2.49%  | 0.141% |
| 128        | 9.786  | 9.743  | 9.807  | HH | 4883   | 151975  | 3.35%  | 0.190% |
| 129        | 9.821  | 9.807  | 9.847  | HH | 4475   | 95576   | 2.10%  | 0.119% |
| 130        | 9.859  | 9.847  | 9.865  | HH | 3599   | 37815   | 0.83%  | 0.047% |
| 131        | 9.912  | 9.865  | 9.927  | HH | 5663   | 173514  | 3.82%  | 0.216% |
| 132        | 9.945  | 9.927  | 9.974  | HH | 6530   | 156029  | 3.44%  | 0.195% |
| 133        | 10.004 | 9.974  | 10.027 | HH | 10656  | 226927  | 5.00%  | 0.283% |
| 134        | 10.079 | 10.027 | 10.102 | HH | 13408  | 383817  | 8.45%  | 0.479% |
| 135        | 10.120 | 10.102 | 10.171 | HH | 10424  | 288441  | 6.35%  | 0.360% |
| 136        | 10.195 | 10.171 | 10.226 | HH | 10586  | 247512  | 5.45%  | 0.309% |
| 137        | 10.257 | 10.226 | 10.302 | HH | 9365   | 338421  | 7.45%  | 0.422% |
| 138        | 10.328 | 10.302 | 10.340 | HH | 7014   | 146367  | 3.22%  | 0.183% |
| 139        | 10.363 | 10.340 | 10.379 | HH | 10893  | 207482  | 4.57%  | 0.259% |
| 140        | 10.403 | 10.379 | 10.416 | HH | 16522  | 288888  | 6.36%  | 0.360% |
| 141        | 10.421 | 10.416 | 10.455 | HH | 14303  | 236930  | 5.22%  | 0.296% |

|     |        |        |        |    | rteres.txt |         |         |        |
|-----|--------|--------|--------|----|------------|---------|---------|--------|
| 142 | 10.474 | 10.455 | 10.485 | HH | 6776       | 115891  | 2.55%   | 0.145% |
| 143 | 10.492 | 10.485 | 10.514 | HH | 6707       | 104659  | 2.30%   | 0.131% |
| 144 | 10.535 | 10.514 | 10.550 | HH | 6159       | 116906  | 2.57%   | 0.146% |
| 145 | 10.597 | 10.550 | 10.644 | HH | 272591     | 3521026 | 77.55%  | 4.393% |
| 146 | 10.672 | 10.644 | 10.735 | HH | 76642      | 1351786 | 29.77%  | 1.686% |
| 147 | 10.743 | 10.735 | 10.792 | HH | 8567       | 236311  | 5.20%   | 0.295% |
| 148 | 10.816 | 10.792 | 10.839 | HH | 6030       | 157096  | 3.46%   | 0.196% |
| 149 | 10.856 | 10.839 | 10.883 | HH | 5550       | 133539  | 2.94%   | 0.167% |
| 150 | 10.910 | 10.883 | 10.932 | HH | 8038       | 188620  | 4.15%   | 0.235% |
| 151 | 10.945 | 10.932 | 10.956 | HH | 6456       | 90422   | 1.99%   | 0.113% |
| 152 | 10.995 | 10.956 | 11.017 | HH | 7496       | 242559  | 5.34%   | 0.303% |
| 153 | 11.028 | 11.017 | 11.036 | HH | 6259       | 66355   | 1.46%   | 0.083% |
| 154 | 11.054 | 11.036 | 11.067 | HH | 7442       | 127894  | 2.82%   | 0.160% |
| 155 | 11.087 | 11.067 | 11.104 | HH | 8656       | 165095  | 3.64%   | 0.206% |
| 156 | 11.132 | 11.104 | 11.173 | HH | 21338      | 488481  | 10.76%  | 0.609% |
| 157 | 11.196 | 11.173 | 11.214 | HH | 8254       | 168961  | 3.72%   | 0.211% |
| 158 | 11.232 | 11.214 | 11.242 | HH | 9271       | 138766  | 3.06%   | 0.173% |
| 159 | 11.249 | 11.242 | 11.272 | HH | 9366       | 142178  | 3.13%   | 0.177% |
| 160 | 11.294 | 11.272 | 11.321 | HH | 7515       | 191638  | 4.22%   | 0.239% |
| 161 | 11.398 | 11.321 | 11.414 | HH | 37630      | 715834  | 15.77%  | 0.893% |
| 162 | 11.429 | 11.414 | 11.474 | HH | 41421      | 681759  | 15.02%  | 0.851% |
| 163 | 11.510 | 11.474 | 11.530 | HH | 49950      | 849198  | 18.70%  | 1.059% |
| 164 | 11.546 | 11.530 | 11.560 | HH | 26792      | 365998  | 8.06%   | 0.457% |
| 165 | 11.577 | 11.560 | 11.637 | HH | 32060      | 626644  | 13.80%  | 0.782% |
| 166 | 11.659 | 11.637 | 11.676 | HH | 7335       | 149519  | 3.29%   | 0.187% |
| 167 | 11.698 | 11.676 | 11.714 | HH | 7208       | 153884  | 3.39%   | 0.192% |
| 168 | 11.725 | 11.714 | 11.752 | HH | 7271       | 147278  | 3.24%   | 0.184% |
| 169 | 11.780 | 11.752 | 11.843 | HH | 13116      | 479506  | 10.56%  | 0.598% |
| 170 | 11.870 | 11.843 | 11.916 | HH | 33253      | 643361  | 14.17%  | 0.803% |
| 171 | 11.927 | 11.916 | 11.941 | HH | 8227       | 118678  | 2.61%   | 0.148% |
| 172 | 11.953 | 11.941 | 11.975 | HH | 8518       | 149162  | 3.29%   | 0.186% |
| 173 | 12.011 | 11.975 | 12.036 | HH | 9140       | 260451  | 5.74%   | 0.325% |
| 174 | 12.049 | 12.036 | 12.056 | HH | 6209       | 70304   | 1.55%   | 0.088% |
| 175 | 12.072 | 12.056 | 12.084 | HH | 6354       | 106728  | 2.35%   | 0.133% |
| 176 | 12.120 | 12.084 | 12.134 | HH | 9594       | 238698  | 5.26%   | 0.298% |
| 177 | 12.141 | 12.134 | 12.167 | HH | 9106       | 158318  | 3.49%   | 0.198% |
| 178 | 12.190 | 12.167 | 12.229 | HH | 12367      | 339059  | 7.47%   | 0.423% |
| 179 | 12.255 | 12.229 | 12.272 | HH | 19868      | 345777  | 7.62%   | 0.431% |
| 180 | 12.296 | 12.272 | 12.315 | HH | 27475      | 496958  | 10.94%  | 0.620% |
| 181 | 12.331 | 12.315 | 12.349 | HH | 18960      | 328574  | 7.24%   | 0.410% |
| 182 | 12.361 | 12.349 | 12.381 | HH | 14501      | 234297  | 5.16%   | 0.292% |
| 183 | 12.413 | 12.381 | 12.479 | HH | 273401     | 3627340 | 79.89%  | 4.525% |
| 184 | 12.506 | 12.479 | 12.523 | HH | 7615       | 184093  | 4.05%   | 0.230% |
| 185 | 12.549 | 12.523 | 12.584 | HH | 58524      | 932410  | 20.54%  | 1.163% |
| 186 | 12.596 | 12.584 | 12.618 | HH | 13876      | 230730  | 5.08%   | 0.288% |
| 187 | 12.654 | 12.618 | 12.679 | HH | 18259      | 451255  | 9.94%   | 0.563% |
| 188 | 12.710 | 12.679 | 12.757 | HH | 339967     | 4540514 | 100.00% | 5.665% |
| 189 | 12.766 | 12.757 | 12.785 | HH | 15263      | 218321  | 4.81%   | 0.272% |
| 190 | 12.805 | 12.785 | 12.836 | HH | 17286      | 363261  | 8.00%   | 0.453% |
| 191 | 12.863 | 12.836 | 12.870 | HH | 7950       | 150644  | 3.32%   | 0.188% |
| 192 | 12.885 | 12.870 | 12.906 | HH | 8453       | 163511  | 3.60%   | 0.204% |
| 193 | 12.917 | 12.906 | 12.934 | HH | 6520       | 104540  | 2.30%   | 0.130% |
| 194 | 12.943 | 12.934 | 12.952 | HH | 5891       | 63596   | 1.40%   | 0.079% |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 195        | 12.984 | 12.952 | 13.021 | HH | 10517  | 333400  | 7.34%  | 0.416% |
| 196        | 13.043 | 13.021 | 13.084 | HH | 9023   | 260298  | 5.73%  | 0.325% |
| 197        | 13.109 | 13.084 | 13.119 | HH | 8922   | 155461  | 3.42%  | 0.194% |
| 198        | 13.133 | 13.119 | 13.146 | HH | 9352   | 143355  | 3.16%  | 0.179% |
| 199        | 13.171 | 13.146 | 13.244 | HH | 21363  | 618915  | 13.63% | 0.772% |
| 200        | 13.300 | 13.244 | 13.346 | HH | 44237  | 1090774 | 24.02% | 1.361% |
| 201        | 13.360 | 13.346 | 13.383 | HH | 9732   | 201291  | 4.43%  | 0.251% |
| 202        | 13.407 | 13.383 | 13.427 | HH | 31984  | 494190  | 10.88% | 0.617% |
| 203        | 13.445 | 13.427 | 13.494 | HH | 30957  | 613223  | 13.51% | 0.765% |
| 204        | 13.528 | 13.494 | 13.545 | HH | 21315  | 427788  | 9.42%  | 0.534% |
| 205        | 13.573 | 13.545 | 13.594 | HH | 28179  | 556566  | 12.26% | 0.694% |
| 206        | 13.613 | 13.594 | 13.642 | HH | 28360  | 482336  | 10.62% | 0.602% |
| 207        | 13.653 | 13.642 | 13.701 | HH | 8413   | 260113  | 5.73%  | 0.325% |
| 208        | 13.720 | 13.701 | 13.729 | HH | 6515   | 106755  | 2.35%  | 0.133% |
| 209        | 13.751 | 13.729 | 13.768 | HH | 7016   | 160597  | 3.54%  | 0.200% |
| 210        | 13.778 | 13.768 | 13.798 | HH | 6820   | 111654  | 2.46%  | 0.139% |
| 211        | 13.809 | 13.798 | 13.836 | HH | 5816   | 127692  | 2.81%  | 0.159% |
| 212        | 13.885 | 13.836 | 13.908 | HH | 6497   | 250141  | 5.51%  | 0.312% |
| 213        | 13.936 | 13.908 | 13.950 | HH | 7467   | 165554  | 3.65%  | 0.207% |
| 214        | 13.970 | 13.950 | 13.974 | HH | 7696   | 106397  | 2.34%  | 0.133% |
| 215        | 14.003 | 13.974 | 14.022 | HH | 11780  | 286424  | 6.31%  | 0.357% |
| 216        | 14.045 | 14.022 | 14.075 | HH | 13326  | 312939  | 6.89%  | 0.390% |
| 217        | 14.120 | 14.075 | 14.157 | HH | 13404  | 494773  | 10.90% | 0.617% |
| 218        | 14.172 | 14.157 | 14.189 | HH | 8694   | 151962  | 3.35%  | 0.190% |
| 219        | 14.215 | 14.189 | 14.247 | HH | 20805  | 501340  | 11.04% | 0.625% |
| 220        | 14.273 | 14.247 | 14.312 | HH | 52713  | 973342  | 21.44% | 1.214% |
| 221        | 14.342 | 14.312 | 14.379 | HH | 13257  | 433154  | 9.54%  | 0.540% |
| 222        | 14.402 | 14.379 | 14.418 | HH | 9535   | 198636  | 4.37%  | 0.248% |
| 223        | 14.456 | 14.418 | 14.512 | HH | 68702  | 1276128 | 28.11% | 1.592% |
| 224        | 14.540 | 14.512 | 14.562 | HH | 43207  | 668550  | 14.72% | 0.834% |
| 225        | 14.587 | 14.562 | 14.607 | HH | 124506 | 1678958 | 36.98% | 2.095% |
| 226        | 14.627 | 14.607 | 14.713 | HH | 118390 | 2020101 | 44.49% | 2.520% |
| 227        | 14.752 | 14.713 | 14.801 | HH | 29082  | 900084  | 19.82% | 1.123% |
| 228        | 14.814 | 14.801 | 14.836 | HH | 10594  | 195818  | 4.31%  | 0.244% |
| 229        | 14.848 | 14.836 | 14.870 | HH | 7853   | 152711  | 3.36%  | 0.191% |
| 230        | 14.899 | 14.870 | 14.922 | HH | 11134  | 281831  | 6.21%  | 0.352% |
| 231        | 14.943 | 14.922 | 14.964 | HH | 9963   | 230008  | 5.07%  | 0.287% |
| 232        | 14.977 | 14.964 | 15.005 | HH | 8129   | 190214  | 4.19%  | 0.237% |
| 233        | 15.046 | 15.005 | 15.116 | HH | 35127  | 1061263 | 23.37% | 1.324% |
| 234        | 15.177 | 15.116 | 15.200 | HH | 14583  | 502469  | 11.07% | 0.627% |
| 235        | 15.260 | 15.200 | 15.282 | HH | 31134  | 903347  | 19.90% | 1.127% |
| 236        | 15.298 | 15.282 | 15.325 | HH | 16222  | 329756  | 7.26%  | 0.411% |
| 237        | 15.345 | 15.325 | 15.376 | HH | 14941  | 372623  | 8.21%  | 0.465% |
| 238        | 15.418 | 15.376 | 15.459 | HH | 31851  | 1001948 | 22.07% | 1.250% |
| 239        | 15.500 | 15.459 | 15.525 | HH | 16275  | 466620  | 10.28% | 0.582% |
| 240        | 15.541 | 15.525 | 15.561 | HH | 10841  | 211248  | 4.65%  | 0.264% |
| 241        | 15.583 | 15.561 | 15.620 | HH | 15263  | 399866  | 8.81%  | 0.499% |
| 242        | 15.676 | 15.620 | 15.696 | HH | 16395  | 555214  | 12.23% | 0.693% |
| 243        | 15.706 | 15.696 | 15.744 | HH | 11228  | 283265  | 6.24%  | 0.353% |
| 244        | 15.763 | 15.744 | 15.781 | HH | 8949   | 190516  | 4.20%  | 0.238% |
| 245        | 15.802 | 15.781 | 15.812 | HH | 9164   | 165672  | 3.65%  | 0.207% |
| 246        | 15.824 | 15.812 | 15.833 | HH | 9111   | 111536  | 2.46%  | 0.139% |

|     |        |        |        |     | rteres.txt |         |        |        |
|-----|--------|--------|--------|-----|------------|---------|--------|--------|
| 247 | 15.859 | 15.833 | 15.879 | HH  | 10284      | 264316  | 5.82%  | 0.330% |
| 248 | 15.896 | 15.879 | 15.921 | HH  | 11549      | 252926  | 5.57%  | 0.316% |
| 249 | 15.960 | 15.921 | 15.982 | HH  | 14124      | 422572  | 9.31%  | 0.527% |
| 250 | 16.005 | 15.982 | 16.019 | HH  | 12058      | 248139  | 5.46%  | 0.310% |
| 251 | 16.025 | 16.019 | 16.033 | HH  | 11730      | 94300   | 2.08%  | 0.118% |
| 252 | 16.059 | 16.033 | 16.082 | HH  | 16869      | 408773  | 9.00%  | 0.510% |
| 253 | 16.099 | 16.082 | 16.108 | HH  | 13261      | 199584  | 4.40%  | 0.249% |
| 254 | 16.147 | 16.108 | 16.167 | HH  | 125142     | 2127118 | 46.85% | 2.654% |
| 255 | 16.172 | 16.167 | 16.211 | HH  | 58192      | 786196  | 17.32% | 0.981% |
| 256 | 16.223 | 16.211 | 16.239 | HH  | 11531      | 192955  | 4.25%  | 0.241% |
| 257 | 16.276 | 16.239 | 16.361 | HH  | 35385      | 1172907 | 25.83% | 1.463% |
| 258 | 16.369 | 16.361 | 16.382 | HH  | 10566      | 134229  | 2.96%  | 0.167% |
| 259 | 16.402 | 16.382 | 16.408 | HH  | 11716      | 172144  | 3.79%  | 0.215% |
| 260 | 16.435 | 16.408 | 16.441 | HH  | 17865      | 288985  | 6.36%  | 0.361% |
| 261 | 16.467 | 16.441 | 16.498 | HH  | 93738      | 1613125 | 35.53% | 2.013% |
| 262 | 16.525 | 16.498 | 16.569 | HH  | 120945     | 2025583 | 44.61% | 2.527% |
| 263 | 16.587 | 16.569 | 16.600 | HH  | 15225      | 268200  | 5.91%  | 0.335% |
| 264 | 16.626 | 16.600 | 16.652 | HH  | 42929      | 797980  | 17.57% | 0.996% |
| 265 | 16.674 | 16.652 | 16.681 | HHA | 18461      | 288301  | 6.35%  | 0.360% |

Sum of corrected areas: 80154279

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