

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF073118\  
 Data File : FF001595.D  
 Signal(s) : FID2B.ch  
 Acq On : 01 Aug 2018 01:46  
 Sample : J4231-11  
 Misc :  
 ALS Vial : 77 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\PESTPCBSRV\HPCHEM1\FID\_F\Method\FF073018.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         | 4.123       | 4.082        | 4.140      | BH       | 2265           | 7813         | 0.04%          | 0.003%        |
| 2         | 4.158       | 4.140        | 4.175      | PH       | 4003           | 33229        | 0.15%          | 0.011%        |
| 3         | 4.191       | 4.175        | 4.205      | HH       | 4716           | 48479        | 0.22%          | 0.016%        |
| 4         | 4.219       | 4.205        | 4.238      | HH       | 4599           | 50996        | 0.23%          | 0.016%        |
| 5         | 4.258       | 4.238        | 4.305      | HH       | 64762          | 690335       | 3.12%          | 0.223%        |
| 6         | 4.326       | 4.305        | 4.362      | HH       | 19566          | 259615       | 1.17%          | 0.084%        |
| 7         | 4.372       | 4.362        | 4.448      | HH       | 2243           | 33298        | 0.15%          | 0.011%        |
| 8         | 4.468       | 4.448        | 4.511      | PH       | 12053          | 142321       | 0.64%          | 0.046%        |
| 9         | 4.531       | 4.511        | 4.550      | HH       | 6253           | 75551        | 0.34%          | 0.024%        |
| 10        | 4.568       | 4.550        | 4.610      | HH       | 14780          | 159705       | 0.72%          | 0.052%        |
| 11        | 4.618       | 4.610        | 4.630      | PH       | -203           | -3381        | -0.02%         | -0.001%       |
| 12        | 4.643       | 4.630        | 4.662      | PH       | 317            | -2355        | -0.01%         | -0.001%       |
| 13        | 4.670       | 4.662        | 4.688      | PH       | -445           | -10143       | -0.05%         | -0.003%       |
| 14        | 4.714       | 4.688        | 4.721      | PH       | 144            | -5556        | -0.03%         | -0.002%       |
| 15        | 4.726       | 4.721        | 4.737      | PH       | 217            | 629          | 0.00%          | 0.000%        |
| 16        | 4.755       | 4.737        | 4.782      | PH       | 2833           | 45063        | 0.20%          | 0.015%        |
| 17        | 4.801       | 4.782        | 4.814      | HH       | 7837           | 77978        | 0.35%          | 0.025%        |
| 18        | 4.829       | 4.814        | 4.897      | HH       | 13497          | 165065       | 0.75%          | 0.053%        |
| 19        | 4.933       | 4.897        | 4.957      | PH       | 3730           | 69743        | 0.32%          | 0.023%        |
| 20        | 4.974       | 4.957        | 5.007      | HH       | 3402           | 45448        | 0.21%          | 0.015%        |
| 21        | 5.037       | 5.007        | 5.072      | HH       | 1994           | 22950        | 0.10%          | 0.007%        |
| 22        | 5.096       | 5.072        | 5.129      | PH       | 644            | 784          | 0.00%          | 0.000%        |
| 23        | 5.152       | 5.129        | 5.168      | PH       | 9918           | 114477       | 0.52%          | 0.037%        |
| 24        | 5.180       | 5.168        | 5.245      | HH       | 6807           | 83726        | 0.38%          | 0.027%        |
| 25        | 5.265       | 5.245        | 5.299      | PH       | 988            | 13765        | 0.06%          | 0.004%        |
| 26        | 5.330       | 5.299        | 5.375      | HH       | 13094          | 175242       | 0.79%          | 0.057%        |
| 27        | 5.406       | 5.375        | 5.410      | HH       | 19839          | 217052       | 0.98%          | 0.070%        |
| 28        | 5.420       | 5.410        | 5.428      | HH       | 21508          | 214300       | 0.97%          | 0.069%        |
| 29        | 5.441       | 5.428        | 5.497      | HH       | 30426          | 650890       | 2.94%          | 0.211%        |
| 30        | 5.517       | 5.497        | 5.581      | HH       | 9099           | 155195       | 0.70%          | 0.050%        |
| 31        | 5.602       | 5.581        | 5.625      | PH       | 1633           | 17116        | 0.08%          | 0.006%        |
| 32        | 5.653       | 5.625        | 5.658      | PH       | 1373           | 13755        | 0.06%          | 0.004%        |
| 33        | 5.685       | 5.658        | 5.771      | HH       | 1041475        | 10948254     | 49.50%         | 3.542%        |
| 34        | 5.787       | 5.771        | 5.804      | HH       | 8082           | 129626       | 0.59%          | 0.042%        |
| 35        | 5.817       | 5.804        | 5.840      | HH       | 9118           | 136870       | 0.62%          | 0.044%        |
| 36        | 5.853       | 5.840        | 5.893      | HH       | 4825           | 115904       | 0.52%          | 0.038%        |

| rteres.txt |       |       |       |    |        |          |        |        |
|------------|-------|-------|-------|----|--------|----------|--------|--------|
| 37         | 5.903 | 5.893 | 5.912 | HH | 2758   | 29123    | 0.13%  | 0.009% |
| 38         | 5.926 | 5.912 | 5.937 | HH | 3497   | 45089    | 0.20%  | 0.015% |
| 39         | 5.956 | 5.937 | 5.988 | HH | 3180   | 72256    | 0.33%  | 0.023% |
| 40         | 5.997 | 5.988 | 6.008 | HH | 1467   | 17126    | 0.08%  | 0.006% |
| 41         | 6.046 | 6.008 | 6.061 | HH | 3217   | 69805    | 0.32%  | 0.023% |
| 42         | 6.079 | 6.061 | 6.105 | HH | 4672   | 83062    | 0.38%  | 0.027% |
| 43         | 6.127 | 6.105 | 6.167 | HH | 7866   | 133916   | 0.61%  | 0.043% |
| 44         | 6.186 | 6.167 | 6.208 | HH | 3709   | 58010    | 0.26%  | 0.019% |
| 45         | 6.234 | 6.208 | 6.249 | HH | 4158   | 68709    | 0.31%  | 0.022% |
| 46         | 6.273 | 6.249 | 6.287 | HH | 6103   | 100004   | 0.45%  | 0.032% |
| 47         | 6.317 | 6.287 | 6.357 | HH | 11153  | 235347   | 1.06%  | 0.076% |
| 48         | 6.383 | 6.357 | 6.411 | HH | 5082   | 111205   | 0.50%  | 0.036% |
| 49         | 6.437 | 6.411 | 6.453 | HH | 12071  | 193657   | 0.88%  | 0.063% |
| 50         | 6.462 | 6.453 | 6.483 | HH | 9167   | 139778   | 0.63%  | 0.045% |
| 51         | 6.512 | 6.483 | 6.531 | HH | 12808  | 260903   | 1.18%  | 0.084% |
| 52         | 6.555 | 6.531 | 6.584 | HH | 8317   | 200954   | 0.91%  | 0.065% |
| 53         | 6.597 | 6.584 | 6.612 | HH | 3502   | 54452    | 0.25%  | 0.018% |
| 54         | 6.641 | 6.612 | 6.656 | HH | 10057  | 177207   | 0.80%  | 0.057% |
| 55         | 6.672 | 6.656 | 6.676 | HH | 7589   | 89710    | 0.41%  | 0.029% |
| 56         | 6.688 | 6.676 | 6.700 | HH | 8132   | 108789   | 0.49%  | 0.035% |
| 57         | 6.733 | 6.700 | 6.804 | HH | 363200 | 4296350  | 19.43% | 1.390% |
| 58         | 6.823 | 6.804 | 6.841 | HH | 10527  | 170050   | 0.77%  | 0.055% |
| 59         | 6.865 | 6.841 | 6.959 | HH | 348085 | 4082756  | 18.46% | 1.321% |
| 60         | 6.970 | 6.959 | 6.977 | HH | 4390   | 46470    | 0.21%  | 0.015% |
| 61         | 6.991 | 6.977 | 7.027 | HH | 5293   | 128129   | 0.58%  | 0.041% |
| 62         | 7.045 | 7.027 | 7.079 | HH | 6213   | 129676   | 0.59%  | 0.042% |
| 63         | 7.094 | 7.079 | 7.143 | HH | 4308   | 123390   | 0.56%  | 0.040% |
| 64         | 7.161 | 7.143 | 7.184 | HH | 3143   | 60957    | 0.28%  | 0.020% |
| 65         | 7.213 | 7.184 | 7.244 | HH | 4883   | 116089   | 0.52%  | 0.038% |
| 66         | 7.263 | 7.244 | 7.290 | HH | 3691   | 83869    | 0.38%  | 0.027% |
| 67         | 7.315 | 7.290 | 7.355 | HH | 4313   | 118466   | 0.54%  | 0.038% |
| 68         | 7.375 | 7.355 | 7.390 | HH | 4163   | 70192    | 0.32%  | 0.023% |
| 69         | 7.401 | 7.390 | 7.412 | HH | 3766   | 46041    | 0.21%  | 0.015% |
| 70         | 7.423 | 7.412 | 7.433 | HH | 3666   | 42848    | 0.19%  | 0.014% |
| 71         | 7.456 | 7.433 | 7.547 | HH | 142661 | 2012949  | 9.10%  | 0.651% |
| 72         | 7.560 | 7.547 | 7.577 | HH | 5264   | 85016    | 0.38%  | 0.028% |
| 73         | 7.609 | 7.577 | 7.645 | HH | 154733 | 2183425  | 9.87%  | 0.706% |
| 74         | 7.655 | 7.645 | 7.684 | HH | 17953  | 330303   | 1.49%  | 0.107% |
| 75         | 7.708 | 7.684 | 7.712 | HH | 74018  | 726158   | 3.28%  | 0.235% |
| 76         | 7.722 | 7.712 | 7.794 | HH | 82594  | 1368032  | 6.19%  | 0.443% |
| 77         | 7.822 | 7.794 | 7.841 | HH | 194709 | 2291538  | 10.36% | 0.741% |
| 78         | 7.850 | 7.841 | 7.872 | HH | 55477  | 685379   | 3.10%  | 0.222% |
| 79         | 7.888 | 7.872 | 7.943 | HH | 27560  | 625830   | 2.83%  | 0.202% |
| 80         | 7.973 | 7.943 | 7.977 | HH | 65284  | 641898   | 2.90%  | 0.208% |
| 81         | 8.001 | 7.977 | 8.071 | HH | 143929 | 2593500  | 11.73% | 0.839% |
| 82         | 8.095 | 8.071 | 8.127 | HH | 42357  | 619348   | 2.80%  | 0.200% |
| 83         | 8.144 | 8.127 | 8.200 | HH | 12755  | 288039   | 1.30%  | 0.093% |
| 84         | 8.261 | 8.200 | 8.270 | HH | 9293   | 229471   | 1.04%  | 0.074% |
| 85         | 8.300 | 8.270 | 8.333 | HH | 903833 | 10124881 | 45.78% | 3.276% |
| 86         | 8.351 | 8.333 | 8.392 | HH | 50211  | 864002   | 3.91%  | 0.280% |
| 87         | 8.421 | 8.392 | 8.476 | HH | 26947  | 709779   | 3.21%  | 0.230% |
| 88         | 8.492 | 8.476 | 8.513 | HH | 9492   | 175483   | 0.79%  | 0.057% |
| 89         | 8.538 | 8.513 | 8.557 | HH | 49228  | 685774   | 3.10%  | 0.222% |

| rteres.txt |        |        |        |    |         |          |         |        |
|------------|--------|--------|--------|----|---------|----------|---------|--------|
| 90         | 8.574  | 8.557  | 8.596  | HH | 44164   | 642111   | 2.90%   | 0.208% |
| 91         | 8.612  | 8.596  | 8.642  | HH | 22003   | 426688   | 1.93%   | 0.138% |
| 92         | 8.665  | 8.642  | 8.690  | HH | 26483   | 499226   | 2.26%   | 0.162% |
| 93         | 8.708  | 8.690  | 8.727  | HH | 33888   | 484515   | 2.19%   | 0.157% |
| 94         | 8.749  | 8.727  | 8.791  | HH | 37686   | 735224   | 3.32%   | 0.238% |
| 95         | 8.813  | 8.791  | 8.839  | HH | 26097   | 475150   | 2.15%   | 0.154% |
| 96         | 8.861  | 8.839  | 8.879  | HH | 41777   | 571855   | 2.59%   | 0.185% |
| 97         | 8.896  | 8.879  | 8.919  | HH | 44638   | 593330   | 2.68%   | 0.192% |
| 98         | 8.943  | 8.919  | 8.967  | HH | 62647   | 902652   | 4.08%   | 0.292% |
| 99         | 8.997  | 8.967  | 9.017  | HH | 32982   | 596756   | 2.70%   | 0.193% |
| 100        | 9.036  | 9.017  | 9.055  | HH | 62811   | 805103   | 3.64%   | 0.260% |
| 101        | 9.078  | 9.055  | 9.136  | HH | 398120  | 5259079  | 23.78%  | 1.702% |
| 102        | 9.157  | 9.136  | 9.174  | HH | 35613   | 534933   | 2.42%   | 0.173% |
| 103        | 9.198  | 9.174  | 9.208  | HH | 58258   | 766095   | 3.46%   | 0.248% |
| 104        | 9.224  | 9.208  | 9.250  | HH | 86287   | 1381428  | 6.25%   | 0.447% |
| 105        | 9.286  | 9.250  | 9.318  | HH | 82983   | 1582344  | 7.15%   | 0.512% |
| 106        | 9.337  | 9.318  | 9.366  | HH | 47864   | 743421   | 3.36%   | 0.241% |
| 107        | 9.390  | 9.366  | 9.436  | HH | 73528   | 1365888  | 6.18%   | 0.442% |
| 108        | 9.456  | 9.436  | 9.484  | HH | 18874   | 425790   | 1.93%   | 0.138% |
| 109        | 9.505  | 9.484  | 9.545  | HH | 25870   | 587980   | 2.66%   | 0.190% |
| 110        | 9.567  | 9.545  | 9.577  | HH | 11808   | 210630   | 0.95%   | 0.068% |
| 111        | 9.591  | 9.577  | 9.615  | HH | 13038   | 261579   | 1.18%   | 0.085% |
| 112        | 9.626  | 9.615  | 9.644  | HH | 9325    | 151559   | 0.69%   | 0.049% |
| 113        | 9.669  | 9.644  | 9.688  | HH | 16084   | 329170   | 1.49%   | 0.107% |
| 114        | 9.702  | 9.688  | 9.729  | HH | 12627   | 245174   | 1.11%   | 0.079% |
| 115        | 9.742  | 9.729  | 9.755  | HH | 9069    | 129275   | 0.58%   | 0.042% |
| 116        | 9.775  | 9.755  | 9.801  | HH | 13985   | 293547   | 1.33%   | 0.095% |
| 117        | 9.827  | 9.801  | 9.859  | HH | 20830   | 508005   | 2.30%   | 0.164% |
| 118        | 9.890  | 9.859  | 9.903  | HH | 16552   | 358791   | 1.62%   | 0.116% |
| 119        | 9.956  | 9.903  | 9.979  | HH | 93162   | 1918784  | 8.68%   | 0.621% |
| 120        | 9.997  | 9.979  | 10.027 | HH | 56079   | 972155   | 4.40%   | 0.315% |
| 121        | 10.042 | 10.027 | 10.050 | HH | 18592   | 258387   | 1.17%   | 0.084% |
| 122        | 10.071 | 10.050 | 10.108 | HH | 57992   | 1205362  | 5.45%   | 0.390% |
| 123        | 10.126 | 10.108 | 10.147 | HH | 25933   | 506338   | 2.29%   | 0.164% |
| 124        | 10.156 | 10.147 | 10.178 | HH | 18339   | 321661   | 1.45%   | 0.104% |
| 125        | 10.207 | 10.178 | 10.220 | HH | 21468   | 463813   | 2.10%   | 0.150% |
| 126        | 10.243 | 10.220 | 10.257 | HH | 53790   | 834507   | 3.77%   | 0.270% |
| 127        | 10.277 | 10.257 | 10.333 | HH | 80841   | 1846496  | 8.35%   | 0.597% |
| 128        | 10.365 | 10.333 | 10.399 | HH | 22621   | 737735   | 3.34%   | 0.239% |
| 129        | 10.417 | 10.399 | 10.431 | HH | 21105   | 317108   | 1.43%   | 0.103% |
| 130        | 10.486 | 10.431 | 10.526 | HH | 1648111 | 22115566 | 100.00% | 7.155% |
| 131        | 10.553 | 10.526 | 10.602 | HH | 558419  | 6869324  | 31.06%  | 2.223% |
| 132        | 10.606 | 10.602 | 10.633 | HH | 19029   | 333610   | 1.51%   | 0.108% |
| 133        | 10.651 | 10.633 | 10.677 | HH | 17762   | 406491   | 1.84%   | 0.132% |
| 134        | 10.694 | 10.677 | 10.723 | HH | 15398   | 373657   | 1.69%   | 0.121% |
| 135        | 10.738 | 10.723 | 10.760 | HH | 15252   | 299605   | 1.35%   | 0.097% |
| 136        | 10.788 | 10.760 | 10.809 | HH | 33687   | 668938   | 3.02%   | 0.216% |
| 137        | 10.822 | 10.809 | 10.833 | HH | 22558   | 305492   | 1.38%   | 0.099% |
| 138        | 10.841 | 10.833 | 10.850 | HH | 21323   | 213607   | 0.97%   | 0.069% |
| 139        | 10.867 | 10.850 | 10.890 | HH | 26600   | 532809   | 2.41%   | 0.172% |
| 140        | 10.905 | 10.890 | 10.928 | HH | 22416   | 435214   | 1.97%   | 0.141% |
| 141        | 10.966 | 10.928 | 10.980 | HH | 28228   | 691207   | 3.13%   | 0.224% |

| rteres.txt |        |        |        |    |         |          |        |        |
|------------|--------|--------|--------|----|---------|----------|--------|--------|
| 142        | 11.007 | 10.980 | 11.052 | HH | 74986   | 1623154  | 7.34%  | 0.525% |
| 143        | 11.073 | 11.052 | 11.090 | HH | 31902   | 558016   | 2.52%  | 0.181% |
| 144        | 11.103 | 11.090 | 11.108 | HH | 23790   | 250283   | 1.13%  | 0.081% |
| 145        | 11.128 | 11.108 | 11.157 | HH | 35447   | 768114   | 3.47%  | 0.249% |
|            |        |        |        |    |         |          |        |        |
| 146        | 11.171 | 11.157 | 11.194 | HH | 17611   | 356547   | 1.61%  | 0.115% |
| 147        | 11.207 | 11.194 | 11.219 | HH | 15547   | 227936   | 1.03%  | 0.074% |
| 148        | 11.273 | 11.219 | 11.290 | HH | 246002  | 3473171  | 15.70% | 1.124% |
| 149        | 11.306 | 11.290 | 11.348 | HH | 266537  | 3619092  | 16.36% | 1.171% |
| 150        | 11.385 | 11.348 | 11.404 | HH | 294261  | 4642639  | 20.99% | 1.502% |
|            |        |        |        |    |         |          |        |        |
| 151        | 11.421 | 11.404 | 11.435 | HH | 156537  | 1964061  | 8.88%  | 0.635% |
| 152        | 11.452 | 11.435 | 11.510 | HH | 201034  | 3110343  | 14.06% | 1.006% |
| 153        | 11.535 | 11.510 | 11.553 | HH | 22607   | 459884   | 2.08%  | 0.149% |
| 154        | 11.572 | 11.553 | 11.599 | HH | 21044   | 521786   | 2.36%  | 0.169% |
| 155        | 11.612 | 11.599 | 11.630 | HH | 17645   | 301777   | 1.36%  | 0.098% |
|            |        |        |        |    |         |          |        |        |
| 156        | 11.670 | 11.630 | 11.719 | HH | 29154   | 1139940  | 5.15%  | 0.369% |
| 157        | 11.744 | 11.719 | 11.789 | HH | 168796  | 2648270  | 11.97% | 0.857% |
| 158        | 11.804 | 11.789 | 11.831 | HH | 26222   | 572708   | 2.59%  | 0.185% |
| 159        | 11.862 | 11.831 | 11.867 | HH | 22361   | 432876   | 1.96%  | 0.140% |
| 160        | 11.888 | 11.867 | 11.911 | HH | 28058   | 612605   | 2.77%  | 0.198% |
|            |        |        |        |    |         |          |        |        |
| 161        | 11.926 | 11.911 | 11.957 | HH | 17808   | 446649   | 2.02%  | 0.145% |
| 162        | 11.994 | 11.957 | 12.006 | HH | 36785   | 764462   | 3.46%  | 0.247% |
| 163        | 12.016 | 12.006 | 12.045 | HH | 35332   | 729279   | 3.30%  | 0.236% |
| 164        | 12.063 | 12.045 | 12.107 | HH | 53150   | 1316266  | 5.95%  | 0.426% |
| 165        | 12.131 | 12.107 | 12.147 | HH | 55184   | 959443   | 4.34%  | 0.310% |
|            |        |        |        |    |         |          |        |        |
| 166        | 12.171 | 12.147 | 12.191 | HH | 150166  | 2404238  | 10.87% | 0.778% |
| 167        | 12.208 | 12.191 | 12.230 | HH | 102948  | 1776097  | 8.03%  | 0.575% |
| 168        | 12.239 | 12.230 | 12.259 | HH | 57201   | 896088   | 4.05%  | 0.290% |
| 169        | 12.294 | 12.259 | 12.355 | HH | 987971  | 13515378 | 61.11% | 4.373% |
| 170        | 12.385 | 12.355 | 12.399 | HH | 25059   | 531518   | 2.40%  | 0.172% |
|            |        |        |        |    |         |          |        |        |
| 171        | 12.424 | 12.399 | 12.493 | HH | 274538  | 4974969  | 22.50% | 1.610% |
| 172        | 12.532 | 12.493 | 12.554 | HH | 73467   | 1685982  | 7.62%  | 0.545% |
| 173        | 12.593 | 12.554 | 12.630 | HH | 1175195 | 16866664 | 76.27% | 5.457% |
| 174        | 12.641 | 12.630 | 12.661 | HH | 72925   | 1025450  | 4.64%  | 0.332% |
| 175        | 12.679 | 12.661 | 12.732 | HH | 53278   | 1383079  | 6.25%  | 0.447% |
|            |        |        |        |    |         |          |        |        |
| 176        | 12.760 | 12.732 | 12.800 | HH | 28830   | 938232   | 4.24%  | 0.304% |
| 177        | 12.820 | 12.800 | 12.839 | HH | 21442   | 475081   | 2.15%  | 0.154% |
| 178        | 12.861 | 12.839 | 12.897 | HH | 39904   | 1027266  | 4.64%  | 0.332% |
| 179        | 12.918 | 12.897 | 12.938 | HH | 37983   | 740254   | 3.35%  | 0.240% |
| 180        | 12.944 | 12.938 | 12.958 | HH | 23226   | 267155   | 1.21%  | 0.086% |
|            |        |        |        |    |         |          |        |        |
| 181        | 12.981 | 12.958 | 12.994 | HH | 39129   | 703362   | 3.18%  | 0.228% |
| 182        | 13.004 | 12.994 | 13.018 | HH | 38414   | 529760   | 2.40%  | 0.171% |
| 183        | 13.042 | 13.018 | 13.076 | HH | 90208   | 1941885  | 8.78%  | 0.628% |
| 184        | 13.082 | 13.076 | 13.118 | HH | 29577   | 592971   | 2.68%  | 0.192% |
| 185        | 13.173 | 13.118 | 13.217 | HH | 220030  | 4851186  | 21.94% | 1.570% |
|            |        |        |        |    |         |          |        |        |
| 186        | 13.236 | 13.217 | 13.256 | HH | 35224   | 784202   | 3.55%  | 0.254% |
| 187        | 13.279 | 13.256 | 13.300 | HH | 198002  | 2778333  | 12.56% | 0.899% |
| 188        | 13.317 | 13.300 | 13.371 | HH | 130492  | 2529622  | 11.44% | 0.818% |
| 189        | 13.400 | 13.371 | 13.420 | HH | 117686  | 2009152  | 9.08%  | 0.650% |
| 190        | 13.444 | 13.420 | 13.465 | HH | 120939  | 2096837  | 9.48%  | 0.678% |
|            |        |        |        |    |         |          |        |        |
| 191        | 13.485 | 13.465 | 13.511 | HH | 118316  | 1926215  | 8.71%  | 0.623% |
| 192        | 13.527 | 13.511 | 13.593 | HH | 43674   | 1430789  | 6.47%  | 0.463% |
| 193        | 13.616 | 13.593 | 13.631 | HH | 20859   | 454786   | 2.06%  | 0.147% |
| 194        | 13.656 | 13.631 | 13.719 | HH | 25306   | 1125097  | 5.09%  | 0.364% |

|     |        |        |        |    |                         |         |           |        |
|-----|--------|--------|--------|----|-------------------------|---------|-----------|--------|
|     |        |        |        |    | rteres.txt              |         |           |        |
| 195 | 13.757 | 13.719 | 13.790 | HH | 26140                   | 979416  | 4.43%     | 0.317% |
| 196 | 13.811 | 13.790 | 13.825 | HH | 25529                   | 481678  | 2.18%     | 0.156% |
| 197 | 13.877 | 13.825 | 13.897 | HH | 52727                   | 1591721 | 7.20%     | 0.515% |
| 198 | 13.905 | 13.897 | 13.937 | HH | 36530                   | 734187  | 3.32%     | 0.238% |
| 199 | 13.990 | 13.937 | 14.059 | HH | 45809                   | 2515137 | 11.37%    | 0.814% |
| 200 | 14.088 | 14.059 | 14.116 | HH | 67347                   | 1765567 | 7.98%     | 0.571% |
| 201 | 14.142 | 14.116 | 14.182 | HH | 171258                  | 3334462 | 15.08%    | 1.079% |
| 202 | 14.203 | 14.182 | 14.240 | HH | 43157                   | 1226909 | 5.55%     | 0.397% |
| 203 | 14.274 | 14.240 | 14.292 | HH | 39396                   | 969194  | 4.38%     | 0.314% |
| 204 | 14.335 | 14.292 | 14.384 | HH | 123705                  | 2801809 | 12.67%    | 0.907% |
| 205 | 14.410 | 14.384 | 14.433 | HH | 153811                  | 2352512 | 10.64%    | 0.761% |
| 206 | 14.460 | 14.433 | 14.480 | HH | 429349                  | 6107700 | 27.62%    | 1.976% |
| 207 | 14.501 | 14.480 | 14.577 | HH | 407555                  | 6319047 | 28.57%    | 2.044% |
| 208 | 14.616 | 14.577 | 14.710 | HH | 86428                   | 3281385 | 14.84%    | 1.062% |
| 209 | 14.728 | 14.710 | 14.745 | HH | 27770                   | 545521  | 2.47%     | 0.177% |
| 210 | 14.771 | 14.745 | 14.794 | HH | 35186                   | 908532  | 4.11%     | 0.294% |
| 211 | 14.812 | 14.794 | 14.837 | HH | 33907                   | 782896  | 3.54%     | 0.253% |
| 212 | 14.847 | 14.837 | 14.873 | HH | 25859                   | 534773  | 2.42%     | 0.173% |
| 213 | 14.918 | 14.873 | 14.988 | HH | 45927                   | 2262304 | 10.23%    | 0.732% |
| 214 | 15.051 | 14.988 | 15.069 | HH | 35740                   | 1317893 | 5.96%     | 0.426% |
| 215 | 15.090 | 15.069 | 15.105 | HH | 45465                   | 827153  | 3.74%     | 0.268% |
| 216 | 15.131 | 15.105 | 15.153 | HH | 119743                  | 2038148 | 9.22%     | 0.659% |
| 217 | 15.169 | 15.153 | 15.197 | HH | 56728                   | 1148752 | 5.19%     | 0.372% |
| 218 | 15.216 | 15.197 | 15.243 | HH | 58118                   | 1244950 | 5.63%     | 0.403% |
| 219 | 15.289 | 15.243 | 15.339 | HH | 119046                  | 3786016 | 17.12%    | 1.225% |
| 220 | 15.372 | 15.339 | 15.400 | HH | 49935                   | 1352248 | 6.11%     | 0.438% |
| 221 | 15.411 | 15.400 | 15.431 | HH | 27717                   | 483046  | 2.18%     | 0.156% |
| 222 | 15.454 | 15.431 | 15.490 | HH | 41495                   | 1096588 | 4.96%     | 0.355% |
| 223 | 15.528 | 15.490 | 15.540 | HH | 33780                   | 931491  | 4.21%     | 0.301% |
| 224 | 15.548 | 15.540 | 15.589 | HH | 33296                   | 801577  | 3.62%     | 0.259% |
| 225 | 15.606 | 15.589 | 15.615 | HH | 22607                   | 344526  | 1.56%     | 0.111% |
| 226 | 15.633 | 15.615 | 15.657 | HH | 24684                   | 584355  | 2.64%     | 0.189% |
| 227 | 15.731 | 15.657 | 15.752 | HH | 30597                   | 1407285 | 6.36%     | 0.455% |
| 228 | 15.771 | 15.752 | 15.790 | HH | 28104                   | 602012  | 2.72%     | 0.195% |
| 229 | 15.831 | 15.790 | 15.859 | HH | 39581                   | 1315948 | 5.95%     | 0.426% |
| 230 | 15.898 | 15.859 | 15.905 | HH | 35280                   | 908793  | 4.11%     | 0.294% |
| 231 | 15.928 | 15.905 | 15.965 | HH | 44792                   | 1275099 | 5.77%     | 0.413% |
| 232 | 16.018 | 15.965 | 16.090 | HH | 345960                  | 8151047 | 36.86%    | 2.637% |
| 233 | 16.147 | 16.090 | 16.253 | HH | 108055                  | 3961548 | 17.91%    | 1.282% |
| 234 | 16.303 | 16.253 | 16.311 | HH | 52603                   | 1212350 | 5.48%     | 0.392% |
| 235 | 16.337 | 16.311 | 16.368 | HH | 247846                  | 4002159 | 18.10%    | 1.295% |
| 236 | 16.398 | 16.368 | 16.438 | HH | 397011                  | 6267739 | 28.34%    | 2.028% |
| 237 | 16.452 | 16.438 | 16.474 | HH | 35164                   | 691760  | 3.13%     | 0.224% |
| 238 | 16.498 | 16.474 | 16.526 | HH | 85442                   | 1673395 | 7.57%     | 0.541% |
|     |        |        |        |    | Sum of corrected areas: |         | 309075669 |        |

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