

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF092618\  
 Data File : FF002240.D  
 Signal(s) : FID2B.ch  
 Acq On : 26 Sep 2018 11:26  
 Sample : J4779-09 50X  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF083018.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         | 4.080       | 4.032        | 4.093      | BH       | -179           | -5471        | -0.48%         | -0.013%       |
| 2         | 4.111       | 4.093        | 4.150      | PH       | 81             | -7365        | -0.65%         | -0.018%       |
| 3         | 4.164       | 4.150        | 4.185      | PH       | -215           | -5914        | -0.52%         | -0.014%       |
| 4         | 4.235       | 4.185        | 4.263      | PH       | 789            | 13117        | 1.16%          | 0.032%        |
| 5         | 4.271       | 4.263        | 4.283      | HH       | 313            | 2501         | 0.22%          | 0.006%        |
| 6         | 4.303       | 4.283        | 4.316      | PH       | 2740           | 27232        | 2.41%          | 0.067%        |
| 7         | 4.322       | 4.316        | 4.338      | HH       | 1157           | 10304        | 0.91%          | 0.025%        |
| 8         | 4.361       | 4.338        | 4.392      | HH       | 799            | 15848        | 1.40%          | 0.039%        |
| 9         | 4.440       | 4.392        | 4.450      | PH       | 979            | 19431        | 1.72%          | 0.048%        |
| 10        | 4.462       | 4.450        | 4.483      | HH       | 1210           | 12965        | 1.15%          | 0.032%        |
| 11        | 4.503       | 4.483        | 4.538      | HH       | 1891           | 23665        | 2.09%          | 0.058%        |
| 12        | 4.568       | 4.538        | 4.583      | PH       | 362            | 3702         | 0.33%          | 0.009%        |
| 13        | 4.599       | 4.583        | 4.624      | PH       | 545            | 4886         | 0.43%          | 0.012%        |
| 14        | 4.658       | 4.624        | 4.678      | PH       | 971            | 9487         | 0.84%          | 0.023%        |
| 15        | 4.685       | 4.678        | 4.708      | HH       | 416            | 2941         | 0.26%          | 0.007%        |
| 16        | 4.746       | 4.708        | 4.759      | PH       | 1328           | 17655        | 1.56%          | 0.043%        |
| 17        | 4.763       | 4.759        | 4.781      | HH       | 752            | 7837         | 0.69%          | 0.019%        |
| 18        | 4.795       | 4.781        | 4.816      | HH       | 779            | 9801         | 0.87%          | 0.024%        |
| 19        | 4.839       | 4.816        | 4.857      | HH       | 424            | 6277         | 0.56%          | 0.015%        |
| 20        | 4.876       | 4.857        | 4.889      | HH       | 1357           | 15896        | 1.41%          | 0.039%        |
| 21        | 4.898       | 4.889        | 4.913      | HH       | 971            | 12608        | 1.12%          | 0.031%        |
| 22        | 4.945       | 4.913        | 4.955      | HH       | 1231           | 25170        | 2.23%          | 0.062%        |
| 23        | 4.965       | 4.955        | 4.977      | HH       | 1299           | 14516        | 1.29%          | 0.035%        |
| 24        | 4.989       | 4.977        | 5.015      | HH       | 1333           | 23071        | 2.04%          | 0.056%        |
| 25        | 5.019       | 5.015        | 5.034      | HH       | 896            | 8105         | 0.72%          | 0.020%        |
| 26        | 5.045       | 5.034        | 5.064      | HH       | 864            | 9021         | 0.80%          | 0.022%        |
| 27        | 5.089       | 5.064        | 5.110      | PH       | 3815           | 47490        | 4.20%          | 0.116%        |
| 28        | 5.114       | 5.110        | 5.139      | HH       | 1121           | 13628        | 1.21%          | 0.033%        |
| 29        | 5.154       | 5.139        | 5.177      | HH       | 823            | 14968        | 1.33%          | 0.037%        |
| 30        | 5.199       | 5.177        | 5.212      | HH       | 885            | 14354        | 1.27%          | 0.035%        |
| 31        | 5.244       | 5.212        | 5.261      | HH       | 4304           | 61497        | 5.44%          | 0.150%        |
| 32        | 5.271       | 5.261        | 5.309      | HH       | 2101           | 41134        | 3.64%          | 0.101%        |
| 33        | 5.326       | 5.309        | 5.344      | HH       | 1780           | 25925        | 2.29%          | 0.063%        |
| 34        | 5.367       | 5.344        | 5.403      | HH       | 5395           | 93769        | 8.30%          | 0.229%        |
| 35        | 5.426       | 5.403        | 5.451      | HH       | 2252           | 45598        | 4.04%          | 0.111%        |
| 36        | 5.482       | 5.451        | 5.508      | HH       | 1856           | 46251        | 4.09%          | 0.113%        |

| rteres.txt |       |       |       |    |       |        |        |        |
|------------|-------|-------|-------|----|-------|--------|--------|--------|
| 37         | 5.530 | 5.508 | 5.557 | HH | 2115  | 39925  | 3.53%  | 0.098% |
| 38         | 5.576 | 5.557 | 5.595 | HH | 2429  | 43369  | 3.84%  | 0.106% |
| 39         | 5.605 | 5.595 | 5.614 | HH | 1719  | 18254  | 1.62%  | 0.045% |
| 40         | 5.630 | 5.614 | 5.650 | HH | 2372  | 42165  | 3.73%  | 0.103% |
|            |       |       |       |    |       |        |        |        |
| 41         | 5.665 | 5.650 | 5.684 | HH | 2130  | 39163  | 3.47%  | 0.096% |
| 42         | 5.703 | 5.684 | 5.720 | HH | 2267  | 39243  | 3.47%  | 0.096% |
| 43         | 5.756 | 5.720 | 5.772 | HH | 2998  | 72983  | 6.46%  | 0.178% |
| 44         | 5.793 | 5.772 | 5.821 | HH | 3368  | 79507  | 7.04%  | 0.194% |
| 45         | 5.855 | 5.821 | 5.873 | HH | 3595  | 88373  | 7.82%  | 0.216% |
|            |       |       |       |    |       |        |        |        |
| 46         | 5.888 | 5.873 | 5.912 | HH | 3542  | 73552  | 6.51%  | 0.180% |
| 47         | 5.933 | 5.912 | 5.961 | HH | 4242  | 99157  | 8.78%  | 0.242% |
| 48         | 5.983 | 5.961 | 5.989 | HH | 3808  | 55958  | 4.95%  | 0.137% |
| 49         | 6.002 | 5.989 | 6.043 | HH | 4139  | 99803  | 8.83%  | 0.244% |
| 50         | 6.081 | 6.043 | 6.103 | HH | 3657  | 101760 | 9.01%  | 0.249% |
|            |       |       |       |    |       |        |        |        |
| 51         | 6.122 | 6.103 | 6.128 | HH | 2911  | 38364  | 3.40%  | 0.094% |
| 52         | 6.145 | 6.128 | 6.159 | HH | 3478  | 57826  | 5.12%  | 0.141% |
| 53         | 6.174 | 6.159 | 6.185 | HH | 3602  | 48969  | 4.33%  | 0.120% |
| 54         | 6.206 | 6.185 | 6.261 | HH | 15277 | 311454 | 27.57% | 0.761% |
| 55         | 6.275 | 6.261 | 6.289 | HH | 4371  | 64829  | 5.74%  | 0.158% |
|            |       |       |       |    |       |        |        |        |
| 56         | 6.298 | 6.289 | 6.316 | HH | 4076  | 57810  | 5.12%  | 0.141% |
| 57         | 6.338 | 6.316 | 6.352 | HH | 5195  | 92207  | 8.16%  | 0.225% |
| 58         | 6.369 | 6.352 | 6.415 | HH | 7179  | 179613 | 15.90% | 0.439% |
| 59         | 6.434 | 6.415 | 6.447 | HH | 4879  | 79365  | 7.03%  | 0.194% |
| 60         | 6.457 | 6.447 | 6.476 | HH | 4790  | 73757  | 6.53%  | 0.180% |
|            |       |       |       |    |       |        |        |        |
| 61         | 6.493 | 6.476 | 6.507 | HH | 5162  | 83496  | 7.39%  | 0.204% |
| 62         | 6.532 | 6.507 | 6.543 | HH | 4847  | 92275  | 8.17%  | 0.226% |
| 63         | 6.565 | 6.543 | 6.588 | HH | 6648  | 150568 | 13.33% | 0.368% |
| 64         | 6.610 | 6.588 | 6.645 | HH | 6591  | 189776 | 16.80% | 0.464% |
| 65         | 6.682 | 6.645 | 6.707 | HH | 6619  | 208442 | 18.45% | 0.510% |
|            |       |       |       |    |       |        |        |        |
| 66         | 6.716 | 6.707 | 6.726 | HH | 4545  | 48968  | 4.33%  | 0.120% |
| 67         | 6.755 | 6.726 | 6.793 | HH | 23458 | 399176 | 35.34% | 0.976% |
| 68         | 6.813 | 6.793 | 6.830 | HH | 7554  | 141640 | 12.54% | 0.346% |
| 69         | 6.847 | 6.830 | 6.866 | HH | 7696  | 139505 | 12.35% | 0.341% |
| 70         | 6.873 | 6.866 | 6.887 | HH | 5648  | 68724  | 6.08%  | 0.168% |
|            |       |       |       |    |       |        |        |        |
| 71         | 6.910 | 6.887 | 6.940 | HH | 6582  | 190415 | 16.86% | 0.466% |
| 72         | 6.972 | 6.940 | 6.994 | HH | 7846  | 221027 | 19.57% | 0.540% |
| 73         | 7.025 | 6.994 | 7.039 | HH | 7487  | 175916 | 15.57% | 0.430% |
| 74         | 7.064 | 7.039 | 7.085 | HH | 7314  | 190088 | 16.83% | 0.465% |
| 75         | 7.097 | 7.085 | 7.118 | HH | 7065  | 129494 | 11.46% | 0.317% |
|            |       |       |       |    |       |        |        |        |
| 76         | 7.147 | 7.118 | 7.177 | HH | 13110 | 303608 | 26.88% | 0.742% |
| 77         | 7.194 | 7.177 | 7.217 | HH | 6976  | 151910 | 13.45% | 0.371% |
| 78         | 7.238 | 7.217 | 7.266 | HH | 8075  | 183698 | 16.26% | 0.449% |
| 79         | 7.304 | 7.266 | 7.323 | HH | 10350 | 252541 | 22.36% | 0.617% |
| 80         | 7.338 | 7.323 | 7.368 | HH | 6858  | 173320 | 15.34% | 0.424% |
|            |       |       |       |    |       |        |        |        |
| 81         | 7.386 | 7.368 | 7.417 | HH | 7802  | 199236 | 17.64% | 0.487% |
| 82         | 7.434 | 7.417 | 7.449 | HH | 7598  | 128938 | 11.41% | 0.315% |
| 83         | 7.478 | 7.449 | 7.494 | HH | 7402  | 186971 | 16.55% | 0.457% |
| 84         | 7.538 | 7.494 | 7.550 | HH | 8163  | 255359 | 22.61% | 0.624% |
| 85         | 7.568 | 7.550 | 7.583 | HH | 8995  | 168141 | 14.88% | 0.411% |
|            |       |       |       |    |       |        |        |        |
| 86         | 7.597 | 7.583 | 7.617 | HH | 9191  | 166803 | 14.77% | 0.408% |
| 87         | 7.626 | 7.617 | 7.640 | HH | 7726  | 102163 | 9.04%  | 0.250% |
| 88         | 7.663 | 7.640 | 7.685 | HH | 27378 | 425858 | 37.70% | 1.041% |
| 89         | 7.701 | 7.685 | 7.731 | HH | 11661 | 271331 | 24.02% | 0.663% |

| rteres.txt |        |        |        |    |       |        |        |        |
|------------|--------|--------|--------|----|-------|--------|--------|--------|
| 90         | 7.748  | 7.731  | 7.760  | HH | 10961 | 163987 | 14.52% | 0.401% |
| 91         | 7.779  | 7.760  | 7.796  | HH | 15106 | 283184 | 25.07% | 0.692% |
| 92         | 7.816  | 7.796  | 7.865  | HH | 14280 | 526158 | 46.58% | 1.286% |
| 93         | 7.890  | 7.865  | 7.914  | HH | 13297 | 333994 | 29.57% | 0.817% |
| 94         | 7.977  | 7.914  | 8.025  | HH | 20367 | 815382 | 72.18% | 1.993% |
| 95         | 8.064  | 8.025  | 8.096  | HH | 11577 | 437206 | 38.70% | 1.069% |
| 96         | 8.103  | 8.096  | 8.120  | HH | 8991  | 126483 | 11.20% | 0.309% |
| 97         | 8.132  | 8.120  | 8.156  | HH | 9063  | 181562 | 16.07% | 0.444% |
| 98         | 8.168  | 8.156  | 8.172  | HH | 7668  | 73843  | 6.54%  | 0.181% |
| 99         | 8.193  | 8.172  | 8.245  | HH | 12678 | 416520 | 36.87% | 1.018% |
| 100        | 8.268  | 8.245  | 8.297  | HH | 13710 | 324835 | 28.76% | 0.794% |
| 101        | 8.308  | 8.297  | 8.320  | HH | 9351  | 127340 | 11.27% | 0.311% |
| 102        | 8.338  | 8.320  | 8.354  | HH | 10830 | 198150 | 17.54% | 0.484% |
| 103        | 8.376  | 8.354  | 8.406  | HH | 29918 | 522361 | 46.24% | 1.277% |
| 104        | 8.440  | 8.406  | 8.465  | HH | 11378 | 339664 | 30.07% | 0.830% |
| 105        | 8.499  | 8.465  | 8.504  | HH | 11942 | 230282 | 20.39% | 0.563% |
| 106        | 8.521  | 8.504  | 8.543  | HH | 13424 | 288445 | 25.53% | 0.705% |
| 107        | 8.559  | 8.543  | 8.577  | HH | 11797 | 225851 | 19.99% | 0.552% |
| 108        | 8.598  | 8.577  | 8.640  | HH | 11861 | 421713 | 37.33% | 1.031% |
| 109        | 8.661  | 8.640  | 8.670  | HH | 13923 | 226325 | 20.04% | 0.553% |
| 110        | 8.679  | 8.670  | 8.690  | HH | 13551 | 152075 | 13.46% | 0.372% |
| 111        | 8.703  | 8.690  | 8.730  | HH | 13745 | 315485 | 27.93% | 0.771% |
| 112        | 8.740  | 8.730  | 8.764  | HH | 12281 | 222284 | 19.68% | 0.543% |
| 113        | 8.776  | 8.764  | 8.787  | HH | 9542  | 130370 | 11.54% | 0.319% |
| 114        | 8.807  | 8.787  | 8.835  | HH | 13498 | 317968 | 28.15% | 0.777% |
| 115        | 8.854  | 8.835  | 8.871  | HH | 10738 | 220854 | 19.55% | 0.540% |
| 116        | 8.881  | 8.871  | 8.912  | HH | 10677 | 242579 | 21.47% | 0.593% |
| 117        | 8.940  | 8.912  | 8.981  | HH | 13483 | 482614 | 42.72% | 1.180% |
| 118        | 8.992  | 8.981  | 9.004  | HH | 10623 | 141146 | 12.49% | 0.345% |
| 119        | 9.021  | 9.004  | 9.044  | HH | 13252 | 265790 | 23.53% | 0.650% |
| 120        | 9.057  | 9.044  | 9.070  | HH | 9430  | 139262 | 12.33% | 0.340% |
| 121        | 9.107  | 9.070  | 9.160  | HH | 17125 | 633950 | 56.12% | 1.550% |
| 122        | 9.194  | 9.160  | 9.227  | HH | 13087 | 424921 | 37.62% | 1.039% |
| 123        | 9.271  | 9.227  | 9.320  | HH | 10278 | 531728 | 47.07% | 1.300% |
| 124        | 9.387  | 9.320  | 9.418  | HH | 13892 | 626901 | 55.50% | 1.533% |
| 125        | 9.439  | 9.418  | 9.452  | HH | 11667 | 217517 | 19.26% | 0.532% |
| 126        | 9.462  | 9.452  | 9.493  | HH | 10634 | 246496 | 21.82% | 0.603% |
| 127        | 9.509  | 9.493  | 9.524  | HH | 10005 | 178239 | 15.78% | 0.436% |
| 128        | 9.542  | 9.524  | 9.580  | HH | 9811  | 308143 | 27.28% | 0.753% |
| 129        | 9.603  | 9.580  | 9.624  | HH | 9701  | 235031 | 20.81% | 0.575% |
| 130        | 9.640  | 9.624  | 9.685  | HH | 9491  | 318760 | 28.22% | 0.779% |
| 131        | 9.702  | 9.685  | 9.746  | HH | 7865  | 274151 | 24.27% | 0.670% |
| 132        | 9.778  | 9.746  | 9.790  | HH | 9538  | 221982 | 19.65% | 0.543% |
| 133        | 9.820  | 9.790  | 9.855  | HH | 26489 | 588180 | 52.07% | 1.438% |
| 134        | 9.874  | 9.855  | 9.886  | HH | 10731 | 188743 | 16.71% | 0.461% |
| 135        | 9.893  | 9.886  | 9.923  | HH | 10359 | 215081 | 19.04% | 0.526% |
| 136        | 9.961  | 9.923  | 9.989  | HH | 11360 | 401334 | 35.53% | 0.981% |
| 137        | 9.998  | 9.989  | 10.007 | HH | 9119  | 98449  | 8.72%  | 0.241% |
| 138        | 10.031 | 10.007 | 10.044 | HH | 10328 | 213534 | 18.90% | 0.522% |
| 139        | 10.056 | 10.044 | 10.062 | HH | 10801 | 113310 | 10.03% | 0.277% |
| 140        | 10.076 | 10.062 | 10.087 | HH | 11370 | 167348 | 14.81% | 0.409% |
| 141        | 10.096 | 10.087 | 10.129 | HH | 11202 | 264384 | 23.40% | 0.646% |

|     |        |        |        |    | rteres.txt |         |         |        |
|-----|--------|--------|--------|----|------------|---------|---------|--------|
| 142 | 10.147 | 10.129 | 10.157 | HH | 10578      | 172734  | 15.29%  | 0.422% |
| 143 | 10.160 | 10.157 | 10.187 | HH | 10469      | 180634  | 15.99%  | 0.442% |
| 144 | 10.193 | 10.187 | 10.207 | HH | 9934       | 120749  | 10.69%  | 0.295% |
| 145 | 10.240 | 10.207 | 10.332 | HH | 40284      | 1129636 | 100.00% | 2.762% |
| 146 | 10.381 | 10.332 | 10.414 | HH | 9042       | 408482  | 36.16%  | 0.999% |
| 147 | 10.429 | 10.414 | 10.453 | HH | 8396       | 183575  | 16.25%  | 0.449% |
| 148 | 10.507 | 10.453 | 10.535 | HH | 10402      | 433805  | 38.40%  | 1.061% |
| 149 | 10.558 | 10.535 | 10.595 | HH | 11081      | 319596  | 28.29%  | 0.781% |
| 150 | 10.639 | 10.595 | 10.675 | HH | 8299       | 371704  | 32.90%  | 0.909% |
| 151 | 10.691 | 10.675 | 10.711 | HH | 7675       | 160403  | 14.20%  | 0.392% |
| 152 | 10.728 | 10.711 | 10.748 | HH | 7652       | 165573  | 14.66%  | 0.405% |
| 153 | 10.784 | 10.748 | 10.800 | HH | 8353       | 239812  | 21.23%  | 0.586% |
| 154 | 10.826 | 10.800 | 10.843 | HH | 9096       | 220626  | 19.53%  | 0.539% |
| 155 | 10.863 | 10.843 | 10.887 | HH | 9499       | 227052  | 20.10%  | 0.555% |
| 156 | 10.891 | 10.887 | 10.901 | HH | 7914       | 63648   | 5.63%   | 0.156% |
| 157 | 10.916 | 10.901 | 10.929 | HH | 8420       | 135929  | 12.03%  | 0.332% |
| 158 | 10.958 | 10.929 | 10.990 | HH | 22910      | 491168  | 43.48%  | 1.201% |
| 159 | 11.000 | 10.990 | 11.049 | HH | 7488       | 244728  | 21.66%  | 0.598% |
| 160 | 11.072 | 11.049 | 11.102 | HH | 7068       | 209653  | 18.56%  | 0.513% |
| 161 | 11.137 | 11.102 | 11.197 | HH | 8044       | 392889  | 34.78%  | 0.961% |
| 162 | 11.207 | 11.197 | 11.218 | HH | 5995       | 73032   | 6.47%   | 0.179% |
| 163 | 11.265 | 11.218 | 11.287 | HH | 6881       | 264309  | 23.40%  | 0.646% |
| 164 | 11.318 | 11.287 | 11.340 | HH | 7223       | 218202  | 19.32%  | 0.533% |
| 165 | 11.342 | 11.340 | 11.345 | HH | 6954       | 24185   | 2.14%   | 0.059% |
| 166 | 11.364 | 11.345 | 11.381 | HH | 7276       | 150429  | 13.32%  | 0.368% |
| 167 | 11.386 | 11.381 | 11.394 | HH | 7123       | 54713   | 4.84%   | 0.134% |
| 168 | 11.419 | 11.394 | 11.430 | HH | 7404       | 156967  | 13.90%  | 0.384% |
| 169 | 11.436 | 11.430 | 11.488 | HH | 7372       | 241005  | 21.33%  | 0.589% |
| 170 | 11.513 | 11.488 | 11.590 | HH | 9672       | 432224  | 38.26%  | 1.057% |
| 171 | 11.600 | 11.590 | 11.629 | HH | 5748       | 126046  | 11.16%  | 0.308% |
| 172 | 11.648 | 11.629 | 11.708 | HH | 5876       | 247036  | 21.87%  | 0.604% |
| 173 | 11.730 | 11.708 | 11.751 | HH | 5133       | 122723  | 10.86%  | 0.300% |
| 174 | 11.755 | 11.751 | 11.786 | HH | 4681       | 99638   | 8.82%   | 0.244% |
| 175 | 11.820 | 11.786 | 11.835 | HH | 4998       | 140680  | 12.45%  | 0.344% |
| 176 | 11.838 | 11.835 | 11.863 | HH | 4903       | 74624   | 6.61%   | 0.182% |
| 177 | 11.888 | 11.863 | 11.927 | HH | 4831       | 169899  | 15.04%  | 0.415% |
| 178 | 11.939 | 11.927 | 11.958 | HH | 4434       | 79951   | 7.08%   | 0.195% |
| 179 | 11.965 | 11.958 | 11.971 | HH | 4130       | 30440   | 2.69%   | 0.074% |
| 180 | 11.975 | 11.971 | 11.989 | HH | 4131       | 44149   | 3.91%   | 0.108% |
| 181 | 12.005 | 11.989 | 12.029 | HH | 4327       | 100091  | 8.86%   | 0.245% |
| 182 | 12.053 | 12.029 | 12.072 | HH | 4791       | 118998  | 10.53%  | 0.291% |
| 183 | 12.094 | 12.072 | 12.116 | HH | 5418       | 131492  | 11.64%  | 0.321% |
| 184 | 12.155 | 12.116 | 12.160 | HH | 5786       | 134515  | 11.91%  | 0.329% |
| 185 | 12.175 | 12.160 | 12.218 | HH | 6103       | 186329  | 16.49%  | 0.456% |
| 186 | 12.225 | 12.218 | 12.242 | HH | 4627       | 65924   | 5.84%   | 0.161% |
| 187 | 12.285 | 12.242 | 12.423 | HH | 6993       | 515821  | 45.66%  | 1.261% |
| 188 | 12.457 | 12.423 | 12.517 | HH | 3627       | 186850  | 16.54%  | 0.457% |
| 189 | 12.535 | 12.517 | 12.540 | HH | 3169       | 43379   | 3.84%   | 0.106% |
| 190 | 12.573 | 12.540 | 12.643 | HH | 6230       | 291645  | 25.82%  | 0.713% |
| 191 | 12.664 | 12.643 | 12.700 | HH | 4549       | 135800  | 12.02%  | 0.332% |
| 192 | 12.706 | 12.700 | 12.713 | HH | 3296       | 25452   | 2.25%   | 0.062% |
| 193 | 12.720 | 12.713 | 12.770 | HH | 3345       | 101587  | 8.99%   | 0.248% |
| 194 | 12.790 | 12.770 | 12.810 | HH | 3088       | 67916   | 6.01%   | 0.166% |

|     |        |        |        |    |            |        |        |        |
|-----|--------|--------|--------|----|------------|--------|--------|--------|
|     |        |        |        |    | rteres.txt |        |        |        |
| 195 | 12.832 | 12.810 | 12.868 | HH | 2836       | 92116  | 8.15%  | 0.225% |
| 196 | 12.884 | 12.868 | 12.900 | HH | 2758       | 49815  | 4.41%  | 0.122% |
| 197 | 12.903 | 12.900 | 12.937 | HH | 2627       | 53621  | 4.75%  | 0.131% |
| 198 | 12.944 | 12.937 | 12.971 | HH | 2439       | 46322  | 4.10%  | 0.113% |
| 199 | 13.003 | 12.971 | 13.039 | HH | 2662       | 97642  | 8.64%  | 0.239% |
| 200 | 13.056 | 13.039 | 13.108 | HH | 2623       | 94130  | 8.33%  | 0.230% |
| 201 | 13.150 | 13.108 | 13.157 | HH | 2290       | 61371  | 5.43%  | 0.150% |
| 202 | 13.165 | 13.157 | 13.178 | HH | 2180       | 27421  | 2.43%  | 0.067% |
| 203 | 13.198 | 13.178 | 13.220 | HH | 2642       | 61812  | 5.47%  | 0.151% |
| 204 | 13.224 | 13.220 | 13.267 | HH | 2562       | 64977  | 5.75%  | 0.159% |
| 205 | 13.276 | 13.267 | 13.297 | HH | 2355       | 40924  | 3.62%  | 0.100% |
| 206 | 13.330 | 13.297 | 13.335 | HH | 2775       | 57251  | 5.07%  | 0.140% |
| 207 | 13.339 | 13.335 | 13.359 | HH | 2692       | 36460  | 3.23%  | 0.089% |
| 208 | 13.370 | 13.359 | 13.402 | HH | 2693       | 60450  | 5.35%  | 0.148% |
| 209 | 13.447 | 13.402 | 13.465 | HH | 2397       | 84581  | 7.49%  | 0.207% |
| 210 | 13.491 | 13.465 | 13.575 | HH | 2268       | 129398 | 11.45% | 0.316% |
| 211 | 13.599 | 13.575 | 13.648 | HH | 1943       | 74145  | 6.56%  | 0.181% |
| 212 | 13.661 | 13.648 | 13.675 | HH | 1611       | 24667  | 2.18%  | 0.060% |
| 213 | 13.694 | 13.675 | 13.710 | HH | 1559       | 31384  | 2.78%  | 0.077% |
| 214 | 13.749 | 13.710 | 13.822 | HH | 1693       | 102172 | 9.04%  | 0.250% |
| 215 | 13.850 | 13.822 | 13.866 | HH | 1650       | 40941  | 3.62%  | 0.100% |
| 216 | 13.882 | 13.866 | 13.903 | HH | 1700       | 36182  | 3.20%  | 0.088% |
| 217 | 13.930 | 13.903 | 13.971 | HH | 2034       | 72325  | 6.40%  | 0.177% |
| 218 | 13.992 | 13.971 | 14.031 | HH | 1864       | 63239  | 5.60%  | 0.155% |
| 219 | 14.044 | 14.031 | 14.095 | HH | 1830       | 67513  | 5.98%  | 0.165% |
| 220 | 14.100 | 14.095 | 14.113 | HH | 1727       | 17994  | 1.59%  | 0.044% |
| 221 | 14.163 | 14.113 | 14.185 | HH | 2359       | 91663  | 8.11%  | 0.224% |
| 222 | 14.190 | 14.185 | 14.235 | HH | 2216       | 60223  | 5.33%  | 0.147% |
| 223 | 14.266 | 14.235 | 14.304 | HH | 3450       | 100631 | 8.91%  | 0.246% |
| 224 | 14.312 | 14.304 | 14.358 | HH | 2021       | 60526  | 5.36%  | 0.148% |
| 225 | 14.366 | 14.358 | 14.380 | HH | 1777       | 22560  | 2.00%  | 0.055% |
| 226 | 14.432 | 14.380 | 14.460 | HH | 4983       | 142761 | 12.64% | 0.349% |
| 227 | 14.533 | 14.460 | 14.739 | HH | 4336       | 526803 | 46.63% | 1.288% |
| 228 | 14.747 | 14.739 | 14.784 | HH | 2284       | 60212  | 5.33%  | 0.147% |
| 229 | 14.804 | 14.784 | 14.825 | HH | 2418       | 57385  | 5.08%  | 0.140% |
| 230 | 14.881 | 14.825 | 14.920 | HH | 2712       | 144878 | 12.83% | 0.354% |
| 231 | 14.941 | 14.920 | 14.958 | HH | 2599       | 56896  | 5.04%  | 0.139% |
| 232 | 14.987 | 14.958 | 15.011 | HH | 3012       | 85180  | 7.54%  | 0.208% |
| 233 | 15.035 | 15.011 | 15.105 | HH | 2804       | 143272 | 12.68% | 0.350% |
| 234 | 15.186 | 15.105 | 15.200 | HH | 3100       | 161780 | 14.32% | 0.396% |
| 235 | 15.208 | 15.200 | 15.230 | HH | 3029       | 53939  | 4.77%  | 0.132% |
| 236 | 15.253 | 15.230 | 15.264 | HH | 3140       | 61630  | 5.46%  | 0.151% |
| 237 | 15.311 | 15.264 | 15.334 | HH | 3518       | 140902 | 12.47% | 0.344% |
| 238 | 15.338 | 15.334 | 15.397 | HH | 3418       | 122362 | 10.83% | 0.299% |
| 239 | 15.414 | 15.397 | 15.437 | HH | 3138       | 75095  | 6.65%  | 0.184% |
| 240 | 15.445 | 15.437 | 15.462 | HH | 3252       | 46917  | 4.15%  | 0.115% |
| 241 | 15.486 | 15.462 | 15.527 | HH | 4008       | 134780 | 11.93% | 0.330% |
| 242 | 15.541 | 15.527 | 15.567 | HH | 3275       | 76946  | 6.81%  | 0.188% |
| 243 | 15.615 | 15.567 | 15.632 | HH | 3334       | 127209 | 11.26% | 0.311% |
| 244 | 15.654 | 15.632 | 15.683 | HH | 3560       | 104473 | 9.25%  | 0.255% |
| 245 | 15.740 | 15.683 | 15.769 | HH | 3664       | 181642 | 16.08% | 0.444% |
| 246 | 15.814 | 15.769 | 15.829 | HH | 3942       | 134698 | 11.92% | 0.329% |

|     |        |        |        |     |            |        |        |        |  |
|-----|--------|--------|--------|-----|------------|--------|--------|--------|--|
|     |        |        |        |     | rteres.txt |        |        |        |  |
| 247 | 15.841 | 15.829 | 15.865 | HH  | 3977       | 85455  | 7.56%  | 0.209% |  |
| 248 | 15.906 | 15.865 | 15.924 | HH  | 4319       | 146037 | 12.93% | 0.357% |  |
| 249 | 15.968 | 15.924 | 16.002 | HH  | 5247       | 214496 | 18.99% | 0.524% |  |
| 250 | 16.043 | 16.002 | 16.155 | HH  | 7808       | 568988 | 50.37% | 1.391% |  |
| 251 | 16.178 | 16.155 | 16.220 | HH  | 5903       | 221339 | 19.59% | 0.541% |  |
| 252 | 16.240 | 16.220 | 16.274 | HH  | 7331       | 196337 | 17.38% | 0.480% |  |
| 253 | 16.284 | 16.274 | 16.300 | HH  | 5311       | 83741  | 7.41%  | 0.205% |  |
| 254 | 16.362 | 16.300 | 16.405 | HH  | 7272       | 391183 | 34.63% | 0.956% |  |
| 255 | 16.437 | 16.405 | 16.480 | HHA | 9260       | 363637 | 32.19% | 0.889% |  |

Sum of corrected areas: 40904452

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