

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF091918\  
 Data File : FF002145.D  
 Signal(s) : FID2B.ch  
 Acq On : 19 Sep 2018 14:02  
 Sample : J4772-01 10X  
 Misc :  
 ALS Vial : 57 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         | 4.072       | 4.067        | 4.076      | PH       | -45            | -311         | -0.00%         | -0.000%       |
| 2         | 4.085       | 4.076        | 4.098      | PH       | 24             | -570         | -0.00%         | -0.001%       |
| 3         | 4.120       | 4.098        | 4.136      | PH       | 41             | -538         | -0.00%         | -0.001%       |
| 4         | 4.150       | 4.136        | 4.159      | PH       | 7              | -735         | -0.00%         | -0.001%       |
| 5         | 4.163       | 4.159        | 4.181      | PH       | -29            | -747         | -0.00%         | -0.001%       |
| 6         | 4.186       | 4.181        | 4.202      | PH       | -61            | -1374        | -0.01%         | -0.001%       |
| 7         | 4.216       | 4.202        | 4.227      | PH       | 30             | -351         | -0.00%         | -0.000%       |
| 8         | 4.242       | 4.227        | 4.252      | PH       | 112            | -55          | -0.00%         | -0.000%       |
| 9         | 4.259       | 4.252        | 4.267      | PH       | 96             | -35          | -0.00%         | -0.000%       |
| 10        | 4.269       | 4.267        | 4.273      | PH       | 8              | -186         | -0.00%         | -0.000%       |
| 11        | 4.278       | 4.273        | 4.283      | PH       | -33            | -414         | -0.00%         | -0.000%       |
| 12        | 4.311       | 4.283        | 4.326      | PH       | 190            | 14           | 0.00%          | 0.000%        |
| 13        | 4.332       | 4.326        | 4.347      | PH       | 113            | 547          | 0.00%          | 0.001%        |
| 14        | 4.364       | 4.347        | 4.376      | PH       | 160            | 1587         | 0.01%          | 0.002%        |
| 15        | 4.383       | 4.376        | 4.407      | HH       | 122            | -130         | -0.00%         | -0.000%       |
| 16        | 4.416       | 4.407        | 4.434      | PH       | 27             | -241         | -0.00%         | -0.000%       |
| 17        | 4.449       | 4.434        | 4.465      | PH       | 75             | 696          | 0.00%          | 0.001%        |
| 18        | 4.475       | 4.465        | 4.484      | PH       | 91             | -15          | -0.00%         | -0.000%       |
| 19        | 4.510       | 4.484        | 4.534      | PH       | 647            | 7133         | 0.03%          | 0.007%        |
| 20        | 4.535       | 4.534        | 4.554      | HH       | 260            | 662          | 0.00%          | 0.001%        |
| 21        | 4.567       | 4.554        | 4.589      | PH       | 84             | 618          | 0.00%          | 0.001%        |
| 22        | 4.592       | 4.589        | 4.595      | PH       | -52            | -236         | -0.00%         | -0.000%       |
| 23        | 4.608       | 4.595        | 4.627      | PH       | 63             | 422          | 0.00%          | 0.000%        |
| 24        | 4.631       | 4.627        | 4.641      | PH       | 40             | 31           | 0.00%          | 0.000%        |
| 25        | 4.647       | 4.641        | 4.654      | PH       | 47             | -111         | -0.00%         | -0.000%       |
| 26        | 4.670       | 4.654        | 4.686      | PH       | 255            | 2501         | 0.01%          | 0.003%        |
| 27        | 4.696       | 4.686        | 4.713      | HH       | 280            | 2277         | 0.01%          | 0.002%        |
| 28        | 4.754       | 4.713        | 4.768      | HH       | 547            | 9420         | 0.04%          | 0.010%        |
| 29        | 4.772       | 4.768        | 4.779      | HH       | 220            | 1379         | 0.01%          | 0.001%        |
| 30        | 4.798       | 4.779        | 4.826      | HH       | 525            | 8170         | 0.04%          | 0.008%        |
| 31        | 4.838       | 4.826        | 4.867      | HH       | 216            | 2378         | 0.01%          | 0.002%        |
| 32        | 4.884       | 4.867        | 4.923      | HH       | 417            | 9624         | 0.04%          | 0.010%        |
| 33        | 4.939       | 4.923        | 4.958      | HH       | 604            | 8441         | 0.04%          | 0.009%        |
| 34        | 4.972       | 4.958        | 4.987      | HH       | 474            | 6910         | 0.03%          | 0.007%        |
| 35        | 4.999       | 4.987        | 5.011      | HH       | 478            | 5627         | 0.02%          | 0.006%        |
| 36        | 5.027       | 5.011        | 5.044      | HH       | 437            | 7099         | 0.03%          | 0.007%        |

| rteres.txt |       |       |       |    |       |        |       |        |
|------------|-------|-------|-------|----|-------|--------|-------|--------|
| 37         | 5.054 | 5.044 | 5.072 | HH | 396   | 3753   | 0.02% | 0.004% |
| 38         | 5.098 | 5.072 | 5.124 | HH | 2402  | 34721  | 0.15% | 0.036% |
| 39         | 5.138 | 5.124 | 5.162 | HH | 818   | 15846  | 0.07% | 0.016% |
| 40         | 5.174 | 5.162 | 5.199 | HH | 492   | 9269   | 0.04% | 0.010% |
| 41         | 5.206 | 5.199 | 5.230 | HH | 429   | 7095   | 0.03% | 0.007% |
| 42         | 5.252 | 5.230 | 5.315 | HH | 1460  | 32269  | 0.14% | 0.033% |
| 43         | 5.332 | 5.315 | 5.355 | HH | 1029  | 14715  | 0.06% | 0.015% |
| 44         | 5.378 | 5.355 | 5.416 | HH | 1522  | 36137  | 0.16% | 0.037% |
| 45         | 5.436 | 5.416 | 5.444 | HH | 1099  | 15058  | 0.07% | 0.015% |
| 46         | 5.447 | 5.444 | 5.451 | HH | 1045  | 4254   | 0.02% | 0.004% |
| 47         | 5.459 | 5.451 | 5.478 | HH | 1193  | 17340  | 0.08% | 0.018% |
| 48         | 5.490 | 5.478 | 5.502 | HH | 1010  | 14433  | 0.06% | 0.015% |
| 49         | 5.507 | 5.502 | 5.526 | HH | 1019  | 11850  | 0.05% | 0.012% |
| 50         | 5.536 | 5.526 | 5.546 | HH | 1052  | 10982  | 0.05% | 0.011% |
| 51         | 5.557 | 5.546 | 5.575 | HH | 1093  | 16947  | 0.07% | 0.017% |
| 52         | 5.587 | 5.575 | 5.596 | HH | 1017  | 12346  | 0.05% | 0.013% |
| 53         | 5.612 | 5.596 | 5.627 | HH | 1193  | 18855  | 0.08% | 0.019% |
| 54         | 5.667 | 5.627 | 5.714 | HH | 1490  | 65791  | 0.29% | 0.067% |
| 55         | 5.733 | 5.714 | 5.754 | HH | 1358  | 27058  | 0.12% | 0.028% |
| 56         | 5.793 | 5.754 | 5.833 | HH | 2500  | 78569  | 0.34% | 0.081% |
| 57         | 5.883 | 5.833 | 5.922 | HH | 1771  | 80163  | 0.35% | 0.082% |
| 58         | 5.944 | 5.922 | 5.965 | HH | 1714  | 38315  | 0.17% | 0.039% |
| 59         | 5.979 | 5.965 | 5.999 | HH | 1537  | 29253  | 0.13% | 0.030% |
| 60         | 6.021 | 5.999 | 6.052 | HH | 1923  | 52686  | 0.23% | 0.054% |
| 61         | 6.077 | 6.052 | 6.139 | HH | 4183  | 128196 | 0.56% | 0.132% |
| 62         | 6.150 | 6.139 | 6.169 | HH | 1747  | 28470  | 0.12% | 0.029% |
| 63         | 6.215 | 6.169 | 6.252 | HH | 4337  | 120098 | 0.53% | 0.123% |
| 64         | 6.306 | 6.252 | 6.329 | HH | 2162  | 85722  | 0.38% | 0.088% |
| 65         | 6.377 | 6.329 | 6.422 | HH | 2653  | 111039 | 0.49% | 0.114% |
| 66         | 6.443 | 6.422 | 6.455 | HH | 2200  | 37905  | 0.17% | 0.039% |
| 67         | 6.494 | 6.455 | 6.517 | HH | 3034  | 94642  | 0.42% | 0.097% |
| 68         | 6.573 | 6.517 | 6.600 | HH | 3688  | 143091 | 0.63% | 0.147% |
| 69         | 6.621 | 6.600 | 6.642 | HH | 3286  | 74188  | 0.33% | 0.076% |
| 70         | 6.668 | 6.642 | 6.682 | HH | 3842  | 76325  | 0.34% | 0.078% |
| 71         | 6.693 | 6.682 | 6.707 | HH | 3349  | 47334  | 0.21% | 0.049% |
| 72         | 6.723 | 6.707 | 6.739 | HH | 3783  | 63170  | 0.28% | 0.065% |
| 73         | 6.761 | 6.739 | 6.801 | HH | 5798  | 134658 | 0.59% | 0.138% |
| 74         | 6.821 | 6.801 | 6.841 | HH | 3017  | 64233  | 0.28% | 0.066% |
| 75         | 6.855 | 6.841 | 6.892 | HH | 3081  | 82751  | 0.36% | 0.085% |
| 76         | 6.918 | 6.892 | 6.951 | HH | 2941  | 95411  | 0.42% | 0.098% |
| 77         | 6.989 | 6.951 | 7.054 | HH | 10265 | 327499 | 1.44% | 0.336% |
| 78         | 7.078 | 7.054 | 7.119 | HH | 3927  | 136845 | 0.60% | 0.140% |
| 79         | 7.153 | 7.119 | 7.224 | HH | 5164  | 234782 | 1.03% | 0.241% |
| 80         | 7.242 | 7.224 | 7.274 | HH | 3876  | 97169  | 0.43% | 0.100% |
| 81         | 7.310 | 7.274 | 7.324 | HH | 4192  | 102287 | 0.45% | 0.105% |
| 82         | 7.339 | 7.324 | 7.374 | HH | 4117  | 106471 | 0.47% | 0.109% |
| 83         | 7.392 | 7.374 | 7.412 | HH | 3738  | 77057  | 0.34% | 0.079% |
| 84         | 7.438 | 7.412 | 7.482 | HH | 4901  | 174567 | 0.77% | 0.179% |
| 85         | 7.504 | 7.482 | 7.529 | HH | 4501  | 111955 | 0.49% | 0.115% |
| 86         | 7.549 | 7.529 | 7.570 | HH | 5302  | 109521 | 0.48% | 0.112% |
| 87         | 7.605 | 7.570 | 7.646 | HH | 6095  | 212450 | 0.93% | 0.218% |
| 88         | 7.668 | 7.646 | 7.692 | HH | 7248  | 141888 | 0.62% | 0.146% |
| 89         | 7.704 | 7.692 | 7.735 | HH | 4113  | 91779  | 0.40% | 0.094% |

|     |        |        |        |    |            |        |       |        |
|-----|--------|--------|--------|----|------------|--------|-------|--------|
|     |        |        |        |    | rteres.txt |        |       |        |
| 90  | 7.759  | 7.735  | 7.772  | HH | 4341       | 85376  | 0.37% | 0.088% |
| 91  | 7.853  | 7.772  | 7.928  | HH | 16078      | 648741 | 2.85% | 0.666% |
| 92  | 7.966  | 7.928  | 8.004  | HH | 6082       | 248249 | 1.09% | 0.255% |
| 93  | 8.045  | 8.004  | 8.056  | HH | 6041       | 173087 | 0.76% | 0.178% |
| 94  | 8.071  | 8.056  | 8.122  | HH | 6108       | 214323 | 0.94% | 0.220% |
| 95  | 8.140  | 8.122  | 8.177  | HH | 4921       | 146573 | 0.64% | 0.150% |
| 96  | 8.201  | 8.177  | 8.238  | HH | 5943       | 189166 | 0.83% | 0.194% |
| 97  | 8.273  | 8.238  | 8.282  | HH | 6711       | 155341 | 0.68% | 0.159% |
| 98  | 8.294  | 8.282  | 8.311  | HH | 7035       | 113343 | 0.50% | 0.116% |
| 99  | 8.338  | 8.311  | 8.360  | HH | 6963       | 186136 | 0.82% | 0.191% |
| 100 | 8.381  | 8.360  | 8.420  | HH | 11351      | 262240 | 1.15% | 0.269% |
| 101 | 8.437  | 8.420  | 8.476  | HH | 6900       | 185881 | 0.82% | 0.191% |
| 102 | 8.502  | 8.476  | 8.516  | HH | 5436       | 122314 | 0.54% | 0.125% |
| 103 | 8.525  | 8.516  | 8.541  | HH | 5285       | 77683  | 0.34% | 0.080% |
| 104 | 8.596  | 8.541  | 8.624  | HH | 6396       | 290207 | 1.27% | 0.298% |
| 105 | 8.633  | 8.624  | 8.644  | HH | 5656       | 66441  | 0.29% | 0.068% |
| 106 | 8.670  | 8.644  | 8.731  | HH | 22060      | 517286 | 2.27% | 0.531% |
| 107 | 8.750  | 8.731  | 8.770  | HH | 6808       | 145277 | 0.64% | 0.149% |
| 108 | 8.788  | 8.770  | 8.822  | HH | 6303       | 178446 | 0.78% | 0.183% |
| 109 | 8.853  | 8.822  | 8.871  | HH | 5735       | 154104 | 0.68% | 0.158% |
| 110 | 8.892  | 8.871  | 8.916  | HH | 6007       | 150697 | 0.66% | 0.155% |
| 111 | 8.940  | 8.916  | 8.956  | HH | 5711       | 129986 | 0.57% | 0.133% |
| 112 | 8.974  | 8.956  | 8.995  | HH | 5665       | 129264 | 0.57% | 0.133% |
| 113 | 9.036  | 8.995  | 9.069  | HH | 8415       | 300770 | 1.32% | 0.309% |
| 114 | 9.086  | 9.069  | 9.096  | HH | 6429       | 99657  | 0.44% | 0.102% |
| 115 | 9.125  | 9.096  | 9.151  | HH | 7430       | 223678 | 0.98% | 0.229% |
| 116 | 9.170  | 9.151  | 9.204  | HH | 8175       | 226295 | 0.99% | 0.232% |
| 117 | 9.221  | 9.204  | 9.247  | HH | 7616       | 168198 | 0.74% | 0.173% |
| 118 | 9.277  | 9.247  | 9.309  | HH | 5702       | 206477 | 0.91% | 0.212% |
| 119 | 9.393  | 9.309  | 9.416  | HH | 7762       | 391741 | 1.72% | 0.402% |
| 120 | 9.443  | 9.416  | 9.501  | HH | 26153      | 582552 | 2.56% | 0.598% |
| 121 | 9.514  | 9.501  | 9.579  | HH | 6906       | 282405 | 1.24% | 0.290% |
| 122 | 9.614  | 9.579  | 9.632  | HH | 5560       | 168461 | 0.74% | 0.173% |
| 123 | 9.652  | 9.632  | 9.687  | HH | 5722       | 178504 | 0.78% | 0.183% |
| 124 | 9.711  | 9.687  | 9.756  | HH | 5604       | 216573 | 0.95% | 0.222% |
| 125 | 9.825  | 9.756  | 9.862  | HH | 13059      | 515833 | 2.26% | 0.529% |
| 126 | 9.878  | 9.862  | 9.897  | HH | 7163       | 140932 | 0.62% | 0.145% |
| 127 | 9.918  | 9.897  | 9.945  | HH | 8071       | 196949 | 0.86% | 0.202% |
| 128 | 9.969  | 9.945  | 10.039 | HH | 8201       | 339629 | 1.49% | 0.348% |
| 129 | 10.103 | 10.039 | 10.131 | HH | 6679       | 328927 | 1.44% | 0.337% |
| 130 | 10.177 | 10.131 | 10.215 | HH | 27519      | 610705 | 2.68% | 0.627% |
| 131 | 10.245 | 10.215 | 10.332 | HH | 14572      | 576512 | 2.53% | 0.591% |
| 132 | 10.363 | 10.332 | 10.374 | HH | 6162       | 147708 | 0.65% | 0.152% |
| 133 | 10.389 | 10.374 | 10.417 | HH | 6488       | 157015 | 0.69% | 0.161% |
| 134 | 10.434 | 10.417 | 10.467 | HH | 5979       | 170364 | 0.75% | 0.175% |
| 135 | 10.513 | 10.467 | 10.537 | HH | 11183      | 383150 | 1.68% | 0.393% |
| 136 | 10.557 | 10.537 | 10.610 | HH | 11603      | 410147 | 1.80% | 0.421% |
| 137 | 10.630 | 10.610 | 10.660 | HH | 9173       | 239561 | 1.05% | 0.246% |
| 138 | 10.681 | 10.660 | 10.719 | HH | 8549       | 259352 | 1.14% | 0.266% |
| 139 | 10.727 | 10.719 | 10.762 | HH | 6459       | 164197 | 0.72% | 0.168% |
| 140 | 10.781 | 10.762 | 10.801 | HH | 6312       | 141636 | 0.62% | 0.145% |
| 141 | 10.816 | 10.801 | 10.843 | HH | 6563       | 160134 | 0.70% | 0.164% |

| rteres.txt |        |        |        |    |         |          |         |         |
|------------|--------|--------|--------|----|---------|----------|---------|---------|
| 142        | 10.876 | 10.843 | 10.932 | HH | 26178   | 610425   | 2.68%   | 0.626%  |
| 143        | 10.962 | 10.932 | 11.010 | HH | 12337   | 379267   | 1.66%   | 0.389%  |
| 144        | 11.027 | 11.010 | 11.047 | HH | 5944    | 128174   | 0.56%   | 0.131%  |
| 145        | 11.078 | 11.047 | 11.096 | HH | 5877    | 161720   | 0.71%   | 0.166%  |
|            |        |        |        |    |         |          |         |         |
| 146        | 11.139 | 11.096 | 11.149 | HH | 6264    | 190298   | 0.84%   | 0.195%  |
| 147        | 11.170 | 11.149 | 11.216 | HH | 7359    | 268031   | 1.18%   | 0.275%  |
| 148        | 11.229 | 11.216 | 11.243 | HH | 6594    | 102733   | 0.45%   | 0.105%  |
| 149        | 11.265 | 11.243 | 11.287 | HH | 7767    | 179778   | 0.79%   | 0.184%  |
| 150        | 11.308 | 11.287 | 11.339 | HH | 8108    | 221435   | 0.97%   | 0.227%  |
|            |        |        |        |    |         |          |         |         |
| 151        | 11.358 | 11.339 | 11.376 | HH | 7794    | 161362   | 0.71%   | 0.166%  |
| 152        | 11.392 | 11.376 | 11.405 | HH | 7431    | 130888   | 0.57%   | 0.134%  |
| 153        | 11.448 | 11.405 | 11.494 | HH | 9251    | 429490   | 1.89%   | 0.441%  |
| 154        | 11.543 | 11.494 | 11.569 | HH | 25422   | 579065   | 2.54%   | 0.594%  |
| 155        | 11.598 | 11.569 | 11.714 | HH | 388228  | 5449893  | 23.92%  | 5.591%  |
|            |        |        |        |    |         |          |         |         |
| 156        | 11.732 | 11.714 | 11.767 | HH | 6166    | 187125   | 0.82%   | 0.192%  |
| 157        | 11.774 | 11.767 | 11.786 | HH | 5676    | 60756    | 0.27%   | 0.062%  |
| 158        | 11.820 | 11.786 | 11.867 | HH | 7056    | 312067   | 1.37%   | 0.320%  |
| 159        | 11.881 | 11.867 | 11.894 | HH | 6284    | 99015    | 0.43%   | 0.102%  |
| 160        | 11.921 | 11.894 | 11.937 | HH | 6922    | 169333   | 0.74%   | 0.174%  |
|            |        |        |        |    |         |          |         |         |
| 161        | 11.952 | 11.937 | 11.983 | HH | 7080    | 175734   | 0.77%   | 0.180%  |
| 162        | 12.005 | 11.983 | 12.024 | HH | 6670    | 149765   | 0.66%   | 0.154%  |
| 163        | 12.067 | 12.024 | 12.136 | HH | 8565    | 457955   | 2.01%   | 0.470%  |
| 164        | 12.180 | 12.136 | 12.220 | HH | 21829   | 537259   | 2.36%   | 0.551%  |
| 165        | 12.244 | 12.220 | 12.262 | HH | 9959    | 210831   | 0.93%   | 0.216%  |
|            |        |        |        |    |         |          |         |         |
| 166        | 12.287 | 12.262 | 12.414 | HH | 17522   | 963729   | 4.23%   | 0.989%  |
| 167        | 12.427 | 12.414 | 12.441 | HH | 7166    | 111243   | 0.49%   | 0.114%  |
| 168        | 12.454 | 12.441 | 12.469 | HH | 7047    | 119150   | 0.52%   | 0.122%  |
| 169        | 12.496 | 12.469 | 12.524 | HH | 9511    | 261642   | 1.15%   | 0.268%  |
| 170        | 12.542 | 12.524 | 12.554 | HH | 8021    | 132583   | 0.58%   | 0.136%  |
|            |        |        |        |    |         |          |         |         |
| 171        | 12.618 | 12.554 | 12.647 | HH | 1507141 | 22780939 | 100.00% | 23.370% |
| 172        | 12.672 | 12.647 | 12.763 | HH | 947847  | 13772858 | 60.46%  | 14.129% |
| 173        | 12.791 | 12.763 | 12.817 | HH | 20422   | 430137   | 1.89%   | 0.441%  |
| 174        | 12.847 | 12.817 | 12.903 | HH | 182095  | 2604917  | 11.43%  | 2.672%  |
| 175        | 12.911 | 12.903 | 12.931 | HH | 12173   | 191059   | 0.84%   | 0.196%  |
|            |        |        |        |    |         |          |         |         |
| 176        | 12.944 | 12.931 | 12.969 | HH | 10477   | 220691   | 0.97%   | 0.226%  |
| 177        | 12.987 | 12.969 | 13.011 | HH | 8871    | 210662   | 0.92%   | 0.216%  |
| 178        | 13.019 | 13.011 | 13.041 | HH | 8224    | 142294   | 0.62%   | 0.146%  |
| 179        | 13.068 | 13.041 | 13.076 | HH | 8410    | 170555   | 0.75%   | 0.175%  |
| 180        | 13.090 | 13.076 | 13.112 | HH | 8511    | 179216   | 0.79%   | 0.184%  |
|            |        |        |        |    |         |          |         |         |
| 181        | 13.149 | 13.112 | 13.242 | HH | 24720   | 949273   | 4.17%   | 0.974%  |
| 182        | 13.249 | 13.242 | 13.263 | HH | 8311    | 102868   | 0.45%   | 0.106%  |
| 183        | 13.288 | 13.263 | 13.310 | HH | 9229    | 241175   | 1.06%   | 0.247%  |
| 184        | 13.337 | 13.310 | 13.349 | HH | 10908   | 224035   | 0.98%   | 0.230%  |
| 185        | 13.372 | 13.349 | 13.391 | HH | 17922   | 346749   | 1.52%   | 0.356%  |
|            |        |        |        |    |         |          |         |         |
| 186        | 13.433 | 13.391 | 13.467 | HH | 16784   | 608343   | 2.67%   | 0.624%  |
| 187        | 13.500 | 13.467 | 13.576 | HH | 17299   | 810411   | 3.56%   | 0.831%  |
| 188        | 13.632 | 13.576 | 13.652 | HH | 29312   | 707948   | 3.11%   | 0.726%  |
| 189        | 13.673 | 13.652 | 13.746 | HH | 25340   | 1026273  | 4.50%   | 1.053%  |
| 190        | 13.781 | 13.746 | 13.800 | HH | 17409   | 452083   | 1.98%   | 0.464%  |
|            |        |        |        |    |         |          |         |         |
| 191        | 13.825 | 13.800 | 13.848 | HH | 23377   | 504869   | 2.22%   | 0.518%  |
| 192        | 13.865 | 13.848 | 13.909 | HH | 14241   | 460147   | 2.02%   | 0.472%  |
| 193        | 13.932 | 13.909 | 13.968 | HH | 17404   | 485502   | 2.13%   | 0.498%  |
| 194        | 13.991 | 13.968 | 14.016 | HH | 27634   | 535070   | 2.35%   | 0.549%  |

|     |        |        |        |     |                         |         |          |        |
|-----|--------|--------|--------|-----|-------------------------|---------|----------|--------|
|     |        |        |        |     | rteres.txt              |         |          |        |
| 195 | 14.024 | 14.016 | 14.052 | HH  | 13278                   | 268021  | 1.18%    | 0.275% |
| 196 | 14.073 | 14.052 | 14.107 | HH  | 16646                   | 446996  | 1.96%    | 0.459% |
| 197 | 14.130 | 14.107 | 14.237 | HH  | 15943                   | 902322  | 3.96%    | 0.926% |
| 198 | 14.268 | 14.237 | 14.301 | HH  | 20024                   | 487742  | 2.14%    | 0.500% |
| 199 | 14.310 | 14.301 | 14.342 | HH  | 8921                    | 217972  | 0.96%    | 0.224% |
| 200 | 14.358 | 14.342 | 14.375 | HH  | 8485                    | 164023  | 0.72%    | 0.168% |
| 201 | 14.439 | 14.375 | 14.451 | HH  | 11094                   | 455448  | 2.00%    | 0.467% |
| 202 | 14.495 | 14.451 | 14.517 | HH  | 19812                   | 656230  | 2.88%    | 0.673% |
| 203 | 14.526 | 14.517 | 14.649 | HH  | 17993                   | 1019791 | 4.48%    | 1.046% |
| 204 | 14.659 | 14.649 | 14.696 | HH  | 10503                   | 280558  | 1.23%    | 0.288% |
| 205 | 14.704 | 14.696 | 14.761 | HH  | 9335                    | 352966  | 1.55%    | 0.362% |
| 206 | 14.767 | 14.761 | 14.791 | HH  | 8909                    | 157927  | 0.69%    | 0.162% |
| 207 | 14.805 | 14.791 | 14.822 | HH  | 8934                    | 166781  | 0.73%    | 0.171% |
| 208 | 14.888 | 14.822 | 14.934 | HH  | 12005                   | 697475  | 3.06%    | 0.716% |
| 209 | 14.988 | 14.934 | 15.017 | HH  | 13274                   | 532647  | 2.34%    | 0.546% |
| 210 | 15.051 | 15.017 | 15.109 | HH  | 21847                   | 709517  | 3.11%    | 0.728% |
| 211 | 15.147 | 15.109 | 15.157 | HH  | 10021                   | 278801  | 1.22%    | 0.286% |
| 212 | 15.175 | 15.157 | 15.216 | HH  | 10574                   | 363231  | 1.59%    | 0.373% |
| 213 | 15.226 | 15.216 | 15.266 | HH  | 10403                   | 307221  | 1.35%    | 0.315% |
| 214 | 15.309 | 15.266 | 15.336 | HH  | 11111                   | 451290  | 1.98%    | 0.463% |
| 215 | 15.371 | 15.336 | 15.434 | HH  | 11074                   | 637785  | 2.80%    | 0.654% |
| 216 | 15.489 | 15.434 | 15.532 | HH  | 15385                   | 717770  | 3.15%    | 0.736% |
| 217 | 15.549 | 15.532 | 15.593 | HH  | 12504                   | 430540  | 1.89%    | 0.442% |
| 218 | 15.608 | 15.593 | 15.621 | HH  | 11623                   | 186848  | 0.82%    | 0.192% |
| 219 | 15.689 | 15.621 | 15.699 | HH  | 14984                   | 609100  | 2.67%    | 0.625% |
| 220 | 15.721 | 15.699 | 15.812 | HH  | 16512                   | 975805  | 4.28%    | 1.001% |
| 221 | 15.823 | 15.812 | 15.833 | HH  | 12978                   | 165387  | 0.73%    | 0.170% |
| 222 | 15.871 | 15.833 | 15.885 | HH  | 13640                   | 407570  | 1.79%    | 0.418% |
| 223 | 15.912 | 15.885 | 15.944 | HH  | 14430                   | 497109  | 2.18%    | 0.510% |
| 224 | 15.970 | 15.944 | 15.993 | HH  | 18335                   | 467746  | 2.05%    | 0.480% |
| 225 | 16.050 | 15.993 | 16.131 | HH  | 22381                   | 1522543 | 6.68%    | 1.562% |
| 226 | 16.139 | 16.131 | 16.174 | HH  | 18374                   | 456378  | 2.00%    | 0.468% |
| 227 | 16.205 | 16.174 | 16.225 | HH  | 17553                   | 520874  | 2.29%    | 0.534% |
| 228 | 16.243 | 16.225 | 16.267 | HH  | 17739                   | 439306  | 1.93%    | 0.451% |
| 229 | 16.291 | 16.267 | 16.303 | HH  | 21904                   | 414922  | 1.82%    | 0.426% |
| 230 | 16.324 | 16.303 | 16.351 | HH  | 28403                   | 673159  | 2.95%    | 0.691% |
| 231 | 16.375 | 16.351 | 16.406 | HH  | 22086                   | 681011  | 2.99%    | 0.699% |
| 232 | 16.433 | 16.406 | 16.451 | HH  | 25948                   | 624058  | 2.74%    | 0.640% |
| 233 | 16.470 | 16.451 | 16.481 | HHA | 24835                   | 446831  | 1.96%    | 0.458% |
|     |        |        |        |     | Sum of corrected areas: |         | 97477437 |        |

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