

rteres.txt  
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF032619\  
Data File : FF003988.D  
Signal(s) : FID2B.ch  
Acq On : 26 Mar 2019 17:18  
Sample : K2061-02MS  
Misc :  
ALS Vial : 63 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF030119.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         | 4.268       | 4.252        | 4.278      | BH       | 27             | -189         | -0.00%         | -0.000%       |
| 2         | 4.306       | 4.278        | 4.362      | PH       | 190299         | 1789037      | 36.97%         | 2.878%        |
| 3         | 4.370       | 4.362        | 4.399      | HH       | 527            | 6485         | 0.13%          | 0.010%        |
| 4         | 4.406       | 4.399        | 4.434      | HH       | 214            | 666          | 0.01%          | 0.001%        |
| 5         | 4.456       | 4.434        | 4.486      | PH       | 1324           | 15049        | 0.31%          | 0.024%        |
| 6         | 4.503       | 4.486        | 4.516      | PH       | 794            | 7486         | 0.15%          | 0.012%        |
| 7         | 4.523       | 4.516        | 4.545      | HH       | 257            | 1281         | 0.03%          | 0.002%        |
| 8         | 4.560       | 4.545        | 4.576      | PH       | 980            | 5995         | 0.12%          | 0.010%        |
| 9         | 4.587       | 4.576        | 4.597      | PH       | 19             | -1278        | -0.03%         | -0.002%       |
| 10        | 4.608       | 4.597        | 4.625      | PH       | 2              | -1459        | -0.03%         | -0.002%       |
| 11        | 4.632       | 4.625        | 4.651      | PH       | 31             | -2705        | -0.06%         | -0.004%       |
| 12        | 4.678       | 4.651        | 4.694      | PH       | -162           | -7362        | -0.15%         | -0.012%       |
| 13        | 4.708       | 4.694        | 4.746      | PH       | 974            | 4467         | 0.09%          | 0.007%        |
| 14        | 4.773       | 4.746        | 4.810      | PH       | 517            | -7946        | -0.16%         | -0.013%       |
| 15        | 4.832       | 4.810        | 4.852      | PH       | -286           | -9787        | -0.20%         | -0.016%       |
| 16        | 4.859       | 4.852        | 4.880      | PH       | -316           | -7744        | -0.16%         | -0.012%       |
| 17        | 4.901       | 4.880        | 4.907      | PH       | -57            | -5077        | -0.10%         | -0.008%       |
| 18        | 4.926       | 4.907        | 4.936      | PH       | 135            | -300         | -0.01%         | -0.000%       |
| 19        | 4.948       | 4.936        | 4.970      | PH       | 14             | -5285        | -0.11%         | -0.009%       |
| 20        | 4.991       | 4.970        | 5.005      | PH       | 34             | -5474        | -0.11%         | -0.009%       |
| 21        | 5.020       | 5.005        | 5.034      | PH       | 330            | 658          | 0.01%          | 0.001%        |
| 22        | 5.044       | 5.034        | 5.090      | PH       | 205            | -5511        | -0.11%         | -0.009%       |
| 23        | 5.114       | 5.090        | 5.124      | PH       | -273           | -7848        | -0.16%         | -0.013%       |
| 24        | 5.141       | 5.124        | 5.152      | PH       | 9              | -2494        | -0.05%         | -0.004%       |
| 25        | 5.168       | 5.152        | 5.172      | PH       | 217            | 721          | 0.01%          | 0.001%        |
| 26        | 5.180       | 5.172        | 5.214      | HH       | 265            | 3875         | 0.08%          | 0.006%        |
| 27        | 5.232       | 5.214        | 5.245      | PH       | 599            | 2877         | 0.06%          | 0.005%        |
| 28        | 5.257       | 5.245        | 5.279      | PH       | 226            | -479         | -0.01%         | -0.001%       |
| 29        | 5.293       | 5.279        | 5.314      | PH       | -150           | -5650        | -0.12%         | -0.009%       |
| 30        | 5.321       | 5.314        | 5.329      | PH       | -210           | -2556        | -0.05%         | -0.004%       |
| 31        | 5.347       | 5.329        | 5.394      | PH       | 3076           | 40545        | 0.84%          | 0.065%        |
| 32        | 5.415       | 5.394        | 5.429      | PH       | 387            | 2595         | 0.05%          | 0.004%        |
| 33        | 5.430       | 5.429        | 5.453      | HH       | 214            | -1008        | -0.02%         | -0.002%       |
| 34        | 5.471       | 5.453        | 5.478      | PH       | 261            | 1303         | 0.03%          | 0.002%        |
| 35        | 5.485       | 5.478        | 5.500      | HH       | 245            | 2159         | 0.04%          | 0.003%        |
| 36        | 5.522       | 5.500        | 5.552      | PH       | 2404           | 29502        | 0.61%          | 0.047%        |
| 37        | 5.572       | 5.552        | 5.584      | PH       | 692            | 7090         | 0.15%          | 0.011%        |
| 38        | 5.594       | 5.584        | 5.612      | HH       | 445            | 4743         | 0.10%          | 0.008%        |
| 39        | 5.629       | 5.612        | 5.671      | PH       | 1790           | 26362        | 0.54%          | 0.042%        |
| 40        | 5.691       | 5.671        | 5.705      | PH       | 764            | 7232         | 0.15%          | 0.012%        |
| 41        | 5.712       | 5.705        | 5.723      | HH       | 273            | 2289         | 0.05%          | 0.004%        |
| 42        | 5.737       | 5.723        | 5.744      | HH       | 678            | 5592         | 0.12%          | 0.009%        |
| 43        | 5.751       | 5.744        | 5.776      | HH       | 727            | 3445         | 0.07%          | 0.006%        |
| 44        | 5.800       | 5.776        | 5.816      | PH       | 695            | 3017         | 0.06%          | 0.005%        |
| 45        | 5.848       | 5.816        | 5.865      | PH       | 1207           | 13871        | 0.29%          | 0.022%        |
| 46        | 5.897       | 5.865        | 5.922      | HH       | 801            | 17735        | 0.37%          | 0.029%        |
| 47        | 5.941       | 5.922        | 5.959      | HH       | 996            | 11621        | 0.24%          | 0.019%        |
| 48        | 5.987       | 5.959        | 6.007      | PH       | 1024           | 15784        | 0.33%          | 0.025%        |
| 49        | 6.028       | 6.007        | 6.034      | HH       | 1798           | 19243        | 0.40%          | 0.031%        |
| 50        | 6.047       | 6.034        | 6.094      | HH       | 2977           | 56245        | 1.16%          | 0.090%        |

rteres.txt

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
| 51  | 6.106 | 6.094 | 6.115 | HH | 974    | 11204   | 0.23%  | 0.018% |
| 52  | 6.131 | 6.115 | 6.149 | HH | 1655   | 23973   | 0.50%  | 0.039% |
| 53  | 6.171 | 6.149 | 6.186 | HH | 1430   | 23852   | 0.49%  | 0.038% |
| 54  | 6.206 | 6.186 | 6.224 | HH | 2980   | 43787   | 0.90%  | 0.070% |
| 55  | 6.228 | 6.224 | 6.233 | HH | 1312   | 6900    | 0.14%  | 0.011% |
| 56  | 6.252 | 6.233 | 6.266 | HH | 1714   | 30064   | 0.62%  | 0.048% |
| 57  | 6.277 | 6.266 | 6.297 | HH | 1461   | 23090   | 0.48%  | 0.037% |
| 58  | 6.326 | 6.297 | 6.375 | HH | 193597 | 1999800 | 41.32% | 3.218% |
| 59  | 6.384 | 6.375 | 6.400 | HH | 1958   | 26311   | 0.54%  | 0.042% |
| 60  | 6.412 | 6.400 | 6.429 | HH | 1865   | 27805   | 0.57%  | 0.045% |
| 61  | 6.448 | 6.429 | 6.457 | HH | 1951   | 28197   | 0.58%  | 0.045% |
| 62  | 6.474 | 6.457 | 6.492 | HH | 5789   | 73857   | 1.53%  | 0.119% |
| 63  | 6.510 | 6.492 | 6.533 | HH | 5080   | 74246   | 1.53%  | 0.119% |
| 64  | 6.545 | 6.533 | 6.561 | HH | 1897   | 23869   | 0.49%  | 0.038% |
| 65  | 6.602 | 6.561 | 6.616 | HH | 2065   | 53442   | 1.10%  | 0.086% |
| 66  | 6.646 | 6.616 | 6.666 | HH | 2572   | 58527   | 1.21%  | 0.094% |
| 67  | 6.680 | 6.666 | 6.693 | HH | 2171   | 25547   | 0.53%  | 0.041% |
| 68  | 6.710 | 6.693 | 6.757 | HH | 2143   | 55341   | 1.14%  | 0.089% |
| 69  | 6.782 | 6.757 | 6.801 | HH | 1904   | 39616   | 0.82%  | 0.064% |
| 70  | 6.819 | 6.801 | 6.833 | HH | 2903   | 44015   | 0.91%  | 0.071% |
| 71  | 6.843 | 6.833 | 6.861 | HH | 2552   | 37777   | 0.78%  | 0.061% |
| 72  | 6.884 | 6.861 | 6.908 | HH | 3548   | 78713   | 1.63%  | 0.127% |
| 73  | 6.930 | 6.908 | 6.973 | HH | 3724   | 123084  | 2.54%  | 0.198% |
| 74  | 6.986 | 6.973 | 7.003 | HH | 2826   | 45267   | 0.94%  | 0.073% |
| 75  | 7.026 | 7.003 | 7.063 | HH | 8824   | 171714  | 3.55%  | 0.276% |
| 76  | 7.081 | 7.063 | 7.105 | HH | 3084   | 66017   | 1.36%  | 0.106% |
| 77  | 7.125 | 7.105 | 7.147 | HH | 4141   | 75313   | 1.56%  | 0.121% |
| 78  | 7.150 | 7.147 | 7.160 | HH | 2507   | 18729   | 0.39%  | 0.030% |
| 79  | 7.166 | 7.160 | 7.185 | HH | 2526   | 34654   | 0.72%  | 0.056% |
| 80  | 7.207 | 7.185 | 7.225 | HH | 2789   | 59329   | 1.23%  | 0.095% |
| 81  | 7.248 | 7.225 | 7.273 | HH | 5510   | 98474   | 2.03%  | 0.158% |
| 82  | 7.293 | 7.273 | 7.318 | HH | 2713   | 62520   | 1.29%  | 0.101% |
| 83  | 7.336 | 7.318 | 7.362 | HH | 2852   | 65853   | 1.36%  | 0.106% |
| 84  | 7.371 | 7.362 | 7.391 | HH | 2618   | 42111   | 0.87%  | 0.068% |
| 85  | 7.420 | 7.391 | 7.449 | HH | 5574   | 112844  | 2.33%  | 0.182% |
| 86  | 7.466 | 7.449 | 7.490 | HH | 2628   | 49905   | 1.03%  | 0.080% |
| 87  | 7.511 | 7.490 | 7.515 | HH | 2233   | 27911   | 0.58%  | 0.045% |
| 88  | 7.531 | 7.515 | 7.547 | HH | 2980   | 47314   | 0.98%  | 0.076% |
| 89  | 7.576 | 7.547 | 7.598 | HH | 3803   | 88998   | 1.84%  | 0.143% |
| 90  | 7.610 | 7.598 | 7.625 | HH | 2814   | 40698   | 0.84%  | 0.065% |
| 91  | 7.632 | 7.625 | 7.642 | HH | 2294   | 21272   | 0.44%  | 0.034% |
| 92  | 7.672 | 7.642 | 7.690 | HH | 3358   | 77631   | 1.60%  | 0.125% |
| 93  | 7.706 | 7.690 | 7.738 | HH | 2879   | 72668   | 1.50%  | 0.117% |
| 94  | 7.764 | 7.738 | 7.784 | HH | 2684   | 62141   | 1.28%  | 0.100% |
| 95  | 7.813 | 7.784 | 7.833 | HH | 3263   | 79835   | 1.65%  | 0.128% |
| 96  | 7.852 | 7.833 | 7.892 | HH | 3177   | 92768   | 1.92%  | 0.149% |
| 97  | 7.903 | 7.892 | 7.916 | HH | 2178   | 30358   | 0.63%  | 0.049% |
| 98  | 7.937 | 7.916 | 7.965 | HH | 10577  | 154613  | 3.19%  | 0.249% |
| 99  | 7.987 | 7.965 | 8.007 | HH | 4234   | 82334   | 1.70%  | 0.132% |
| 100 | 8.025 | 8.007 | 8.045 | HH | 3334   | 64308   | 1.33%  | 0.103% |
| 101 | 8.117 | 8.045 | 8.157 | HH | 187972 | 2186321 | 45.17% | 3.518% |
| 102 | 8.178 | 8.157 | 8.251 | HH | 29814  | 587467  | 12.14% | 0.945% |
| 103 | 8.267 | 8.251 | 8.288 | HH | 5026   | 94296   | 1.95%  | 0.152% |
| 104 | 8.300 | 8.288 | 8.323 | HH | 3508   | 72077   | 1.49%  | 0.116% |
| 105 | 8.331 | 8.323 | 8.350 | HH | 3484   | 50808   | 1.05%  | 0.082% |
| 106 | 8.363 | 8.350 | 8.384 | HH | 3361   | 62440   | 1.29%  | 0.100% |
| 107 | 8.388 | 8.384 | 8.430 | HH | 3000   | 74144   | 1.53%  | 0.119% |
| 108 | 8.444 | 8.430 | 8.454 | HH | 2580   | 33904   | 0.70%  | 0.055% |
| 109 | 8.471 | 8.454 | 8.484 | HH | 3674   | 56656   | 1.17%  | 0.091% |
| 110 | 8.491 | 8.484 | 8.517 | HH | 3209   | 59373   | 1.23%  | 0.096% |
| 111 | 8.534 | 8.517 | 8.552 | HH | 3184   | 61383   | 1.27%  | 0.099% |
| 112 | 8.570 | 8.552 | 8.584 | HH | 3818   | 64365   | 1.33%  | 0.104% |
| 113 | 8.654 | 8.584 | 8.685 | HH | 9397   | 263383  | 5.44%  | 0.424% |
| 114 | 8.691 | 8.685 | 8.711 | HH | 2511   | 37937   | 0.78%  | 0.061% |
| 115 | 8.728 | 8.711 | 8.748 | HH | 3647   | 64286   | 1.33%  | 0.103% |

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|------------|--------|--------|--------|----|--------|---------|--------|--------|--|
| 116        | 8.771  | 8.748  | 8.785  | HH | 3195   | 62613   | 1.29%  | 0.101% |  |
| 117        | 8.800  | 8.785  | 8.815  | HH | 3537   | 55822   | 1.15%  | 0.090% |  |
| 118        | 8.835  | 8.815  | 8.843  | HH | 2615   | 42398   | 0.88%  | 0.068% |  |
| 119        | 8.870  | 8.843  | 8.893  | HH | 3327   | 89499   | 1.85%  | 0.144% |  |
| 120        | 8.897  | 8.893  | 8.901  | HH | 2806   | 13715   | 0.28%  | 0.022% |  |
|            |        |        |        |    |        |         |        |        |  |
| 121        | 8.904  | 8.901  | 8.916  | HH | 2769   | 23462   | 0.48%  | 0.038% |  |
| 122        | 8.939  | 8.916  | 8.992  | HH | 5482   | 150123  | 3.10%  | 0.242% |  |
| 123        | 9.022  | 8.992  | 9.044  | HH | 3053   | 74095   | 1.53%  | 0.119% |  |
| 124        | 9.066  | 9.044  | 9.072  | HH | 2201   | 33324   | 0.69%  | 0.054% |  |
| 125        | 9.084  | 9.072  | 9.104  | HH | 2286   | 39551   | 0.82%  | 0.064% |  |
|            |        |        |        |    |        |         |        |        |  |
| 126        | 9.132  | 9.104  | 9.155  | HH | 2514   | 64536   | 1.33%  | 0.104% |  |
| 127        | 9.171  | 9.155  | 9.191  | HH | 2361   | 44299   | 0.92%  | 0.071% |  |
| 128        | 9.199  | 9.191  | 9.204  | HH | 1802   | 13690   | 0.28%  | 0.022% |  |
| 129        | 9.229  | 9.204  | 9.255  | HH | 2297   | 59751   | 1.23%  | 0.096% |  |
| 130        | 9.269  | 9.255  | 9.285  | HH | 1889   | 30539   | 0.63%  | 0.049% |  |
|            |        |        |        |    |        |         |        |        |  |
| 131        | 9.317  | 9.285  | 9.344  | HH | 3147   | 85250   | 1.76%  | 0.137% |  |
| 132        | 9.389  | 9.344  | 9.417  | HH | 3327   | 110174  | 2.28%  | 0.177% |  |
| 133        | 9.441  | 9.417  | 9.460  | HH | 2309   | 54568   | 1.13%  | 0.088% |  |
| 134        | 9.474  | 9.460  | 9.523  | HH | 2712   | 77911   | 1.61%  | 0.125% |  |
| 135        | 9.549  | 9.523  | 9.574  | HH | 1940   | 48702   | 1.01%  | 0.078% |  |
|            |        |        |        |    |        |         |        |        |  |
| 136        | 9.587  | 9.574  | 9.603  | HH | 1483   | 23285   | 0.48%  | 0.037% |  |
| 137        | 9.637  | 9.603  | 9.646  | HH | 1958   | 42116   | 0.87%  | 0.068% |  |
| 138        | 9.671  | 9.646  | 9.688  | HH | 2392   | 52234   | 1.08%  | 0.084% |  |
| 139        | 9.718  | 9.688  | 9.805  | HH | 176707 | 2120894 | 43.82% | 3.412% |  |
| 140        | 9.819  | 9.805  | 9.860  | HH | 2229   | 59118   | 1.22%  | 0.095% |  |
|            |        |        |        |    |        |         |        |        |  |
| 141        | 9.875  | 9.860  | 9.925  | HH | 1694   | 56078   | 1.16%  | 0.090% |  |
| 142        | 9.946  | 9.925  | 9.972  | HH | 1416   | 34659   | 0.72%  | 0.056% |  |
| 143        | 9.994  | 9.972  | 10.009 | HH | 1251   | 24184   | 0.50%  | 0.039% |  |
| 144        | 10.056 | 10.009 | 10.077 | HH | 1604   | 51952   | 1.07%  | 0.084% |  |
| 145        | 10.106 | 10.077 | 10.132 | HH | 4360   | 84904   | 1.75%  | 0.137% |  |
|            |        |        |        |    |        |         |        |        |  |
| 146        | 10.162 | 10.132 | 10.179 | HH | 1702   | 43057   | 0.89%  | 0.069% |  |
| 147        | 10.195 | 10.179 | 10.214 | HH | 1764   | 32598   | 0.67%  | 0.052% |  |
| 148        | 10.250 | 10.214 | 10.269 | HH | 1935   | 48934   | 1.01%  | 0.079% |  |
| 149        | 10.272 | 10.269 | 10.292 | HH | 1143   | 15318   | 0.32%  | 0.025% |  |
| 150        | 10.305 | 10.292 | 10.320 | HH | 1179   | 17671   | 0.37%  | 0.028% |  |
|            |        |        |        |    |        |         |        |        |  |
| 151        | 10.338 | 10.320 | 10.362 | HH | 1801   | 36621   | 0.76%  | 0.059% |  |
| 152        | 10.382 | 10.362 | 10.399 | HH | 1767   | 33263   | 0.69%  | 0.054% |  |
| 153        | 10.456 | 10.399 | 10.494 | HH | 3490   | 104233  | 2.15%  | 0.168% |  |
| 154        | 10.528 | 10.494 | 10.572 | HH | 4044   | 96793   | 2.00%  | 0.156% |  |
| 155        | 10.576 | 10.572 | 10.622 | HH | 1404   | 32204   | 0.67%  | 0.052% |  |
|            |        |        |        |    |        |         |        |        |  |
| 156        | 10.636 | 10.622 | 10.658 | HH | 1043   | 20525   | 0.42%  | 0.033% |  |
| 157        | 10.678 | 10.658 | 10.702 | HH | 1266   | 29164   | 0.60%  | 0.047% |  |
| 158        | 10.728 | 10.702 | 10.734 | HH | 1199   | 20914   | 0.43%  | 0.034% |  |
| 159        | 10.738 | 10.734 | 10.752 | HH | 1207   | 11818   | 0.24%  | 0.019% |  |
| 160        | 10.776 | 10.752 | 10.812 | HH | 1445   | 44057   | 0.91%  | 0.071% |  |
|            |        |        |        |    |        |         |        |        |  |
| 161        | 10.835 | 10.812 | 10.841 | HH | 1474   | 21796   | 0.45%  | 0.035% |  |
| 162        | 10.844 | 10.841 | 10.865 | HH | 1481   | 19212   | 0.40%  | 0.031% |  |
| 163        | 10.872 | 10.865 | 10.892 | HH | 1233   | 16376   | 0.34%  | 0.026% |  |
| 164        | 10.912 | 10.892 | 10.950 | HH | 1238   | 35519   | 0.73%  | 0.057% |  |
| 165        | 10.966 | 10.950 | 10.978 | HH | 1042   | 15489   | 0.32%  | 0.025% |  |
|            |        |        |        |    |        |         |        |        |  |
| 166        | 10.982 | 10.978 | 11.004 | HH | 971    | 12181   | 0.25%  | 0.020% |  |
| 167        | 11.022 | 11.004 | 11.049 | HH | 957    | 21695   | 0.45%  | 0.035% |  |
| 168        | 11.054 | 11.049 | 11.059 | HH | 794    | 4423    | 0.09%  | 0.007% |  |
| 169        | 11.092 | 11.059 | 11.120 | HH | 1213   | 35278   | 0.73%  | 0.057% |  |
| 170        | 11.160 | 11.120 | 11.220 | HH | 170768 | 2030548 | 41.96% | 3.267% |  |
|            |        |        |        |    |        |         |        |        |  |
| 171        | 11.249 | 11.220 | 11.281 | HH | 3447   | 75087   | 1.55%  | 0.121% |  |
| 172        | 11.289 | 11.281 | 11.305 | HH | 1095   | 15090   | 0.31%  | 0.024% |  |
| 173        | 11.312 | 11.305 | 11.332 | HH | 1172   | 16577   | 0.34%  | 0.027% |  |
| 174        | 11.352 | 11.332 | 11.375 | HH | 1051   | 23833   | 0.49%  | 0.038% |  |
| 175        | 11.396 | 11.375 | 11.410 | HH | 954    | 18383   | 0.38%  | 0.030% |  |
|            |        |        |        |    |        |         |        |        |  |
| 176        | 11.453 | 11.410 | 11.491 | HH | 1365   | 51675   | 1.07%  | 0.083% |  |
| 177        | 11.521 | 11.491 | 11.533 | HH | 1168   | 26343   | 0.54%  | 0.042% |  |
| 178        | 11.550 | 11.533 | 11.554 | HH | 1311   | 15058   | 0.31%  | 0.024% |  |
| 179        | 11.590 | 11.554 | 11.622 | HH | 2307   | 69017   | 1.43%  | 0.111% |  |
| 180        | 11.645 | 11.622 | 11.665 | HH | 1644   | 36121   | 0.75%  | 0.058% |  |
|            |        |        |        |    |        |         |        |        |  |
| 181        | 11.679 | 11.665 | 11.697 | HH | 1226   | 21232   | 0.44%  | 0.034% |  |

| rteres.txt |        |        |        |    |        |         |        |        |  |
|------------|--------|--------|--------|----|--------|---------|--------|--------|--|
| 182        | 11.714 | 11.697 | 11.750 | HH | 1254   | 33959   | 0.70%  | 0.055% |  |
| 183        | 11.768 | 11.750 | 11.782 | HH | 1262   | 21203   | 0.44%  | 0.034% |  |
| 184        | 11.830 | 11.782 | 11.855 | HH | 3243   | 86266   | 1.78%  | 0.139% |  |
| 185        | 11.870 | 11.855 | 11.876 | HH | 1426   | 16886   | 0.35%  | 0.027% |  |
| 186        | 11.884 | 11.876 | 11.892 | HH | 1417   | 12823   | 0.26%  | 0.021% |  |
| 187        | 11.917 | 11.892 | 11.946 | HH | 1958   | 49363   | 1.02%  | 0.079% |  |
| 188        | 11.960 | 11.946 | 12.005 | HH | 1361   | 41622   | 0.86%  | 0.067% |  |
| 189        | 12.031 | 12.005 | 12.057 | HH | 2124   | 49433   | 1.02%  | 0.080% |  |
| 190        | 12.064 | 12.057 | 12.074 | HH | 1517   | 14131   | 0.29%  | 0.023% |  |
| 191        | 12.104 | 12.074 | 12.128 | HH | 2136   | 56555   | 1.17%  | 0.091% |  |
| 192        | 12.150 | 12.128 | 12.169 | HH | 3220   | 56409   | 1.17%  | 0.091% |  |
| 193        | 12.175 | 12.169 | 12.187 | HH | 1740   | 17527   | 0.36%  | 0.028% |  |
| 194        | 12.218 | 12.187 | 12.237 | HH | 1802   | 50926   | 1.05%  | 0.082% |  |
| 195        | 12.245 | 12.237 | 12.265 | HH | 1759   | 28212   | 0.58%  | 0.045% |  |
| 196        | 12.294 | 12.265 | 12.315 | HH | 2111   | 54661   | 1.13%  | 0.088% |  |
| 197        | 12.320 | 12.315 | 12.343 | HH | 1733   | 26089   | 0.54%  | 0.042% |  |
| 198        | 12.354 | 12.343 | 12.365 | HH | 1482   | 19027   | 0.39%  | 0.031% |  |
| 199        | 12.394 | 12.365 | 12.403 | HH | 1825   | 38088   | 0.79%  | 0.061% |  |
| 200        | 12.416 | 12.403 | 12.440 | HH | 2250   | 44525   | 0.92%  | 0.072% |  |
| 201        | 12.471 | 12.440 | 12.519 | HH | 164378 | 1997797 | 41.28% | 3.214% |  |
| 202        | 12.546 | 12.519 | 12.571 | HH | 3949   | 93148   | 1.92%  | 0.150% |  |
| 203        | 12.575 | 12.571 | 12.614 | HH | 2388   | 53977   | 1.12%  | 0.087% |  |
| 204        | 12.617 | 12.614 | 12.651 | HH | 1963   | 40877   | 0.84%  | 0.066% |  |
| 205        | 12.654 | 12.651 | 12.660 | HH | 1819   | 10141   | 0.21%  | 0.016% |  |
| 206        | 12.668 | 12.660 | 12.679 | HH | 1900   | 20216   | 0.42%  | 0.033% |  |
| 207        | 12.727 | 12.679 | 12.743 | HH | 2317   | 78728   | 1.63%  | 0.127% |  |
| 208        | 12.751 | 12.743 | 12.755 | HH | 2128   | 14935   | 0.31%  | 0.024% |  |
| 209        | 12.766 | 12.755 | 12.784 | HH | 2168   | 34720   | 0.72%  | 0.056% |  |
| 210        | 12.793 | 12.784 | 12.812 | HH | 2125   | 33894   | 0.70%  | 0.055% |  |
| 211        | 12.842 | 12.812 | 12.860 | HH | 3411   | 80827   | 1.67%  | 0.130% |  |
| 212        | 12.881 | 12.860 | 12.925 | HH | 4093   | 126608  | 2.62%  | 0.204% |  |
| 213        | 12.930 | 12.925 | 12.934 | HH | 2571   | 13647   | 0.28%  | 0.022% |  |
| 214        | 12.956 | 12.934 | 12.979 | HH | 2770   | 69891   | 1.44%  | 0.112% |  |
| 215        | 12.983 | 12.979 | 12.997 | HH | 2611   | 28435   | 0.59%  | 0.046% |  |
| 216        | 13.028 | 12.997 | 13.060 | HH | 2831   | 97339   | 2.01%  | 0.157% |  |
| 217        | 13.084 | 13.060 | 13.115 | HH | 5688   | 126693  | 2.62%  | 0.204% |  |
| 218        | 13.134 | 13.115 | 13.152 | HH | 3078   | 66745   | 1.38%  | 0.107% |  |
| 219        | 13.165 | 13.152 | 13.174 | HH | 2973   | 37896   | 0.78%  | 0.061% |  |
| 220        | 13.183 | 13.174 | 13.189 | HH | 2967   | 26712   | 0.55%  | 0.043% |  |
| 221        | 13.199 | 13.189 | 13.226 | HH | 2935   | 62562   | 1.29%  | 0.101% |  |
| 222        | 13.242 | 13.226 | 13.249 | HH | 2869   | 37762   | 0.78%  | 0.061% |  |
| 223        | 13.253 | 13.249 | 13.262 | HH | 2884   | 22829   | 0.47%  | 0.037% |  |
| 224        | 13.295 | 13.262 | 13.339 | HH | 3896   | 154072  | 3.18%  | 0.248% |  |
| 225        | 13.348 | 13.339 | 13.388 | HH | 3282   | 91764   | 1.90%  | 0.148% |  |
| 226        | 13.468 | 13.388 | 13.485 | HH | 4191   | 200822  | 4.15%  | 0.323% |  |
| 227        | 13.495 | 13.485 | 13.522 | HH | 3844   | 83264   | 1.72%  | 0.134% |  |
| 228        | 13.536 | 13.522 | 13.555 | HH | 3771   | 72835   | 1.50%  | 0.117% |  |
| 229        | 13.592 | 13.555 | 13.598 | HH | 4081   | 96708   | 2.00%  | 0.156% |  |
| 230        | 13.624 | 13.598 | 13.641 | HH | 6488   | 132201  | 2.73%  | 0.213% |  |
| 231        | 13.672 | 13.641 | 13.732 | HH | 158894 | 2132796 | 44.07% | 3.432% |  |
| 232        | 13.737 | 13.732 | 13.755 | HH | 4344   | 57789   | 1.19%  | 0.093% |  |
| 233        | 13.784 | 13.755 | 13.791 | HH | 4451   | 93793   | 1.94%  | 0.151% |  |
| 234        | 13.797 | 13.791 | 13.823 | HH | 4361   | 84604   | 1.75%  | 0.136% |  |
| 235        | 13.828 | 13.823 | 13.855 | HH | 4312   | 81104   | 1.68%  | 0.130% |  |
| 236        | 13.889 | 13.855 | 13.927 | HH | 5030   | 202053  | 4.17%  | 0.325% |  |
| 237        | 13.937 | 13.927 | 13.944 | HH | 4740   | 47664   | 0.98%  | 0.077% |  |
| 238        | 13.949 | 13.944 | 13.952 | HH | 4712   | 23378   | 0.48%  | 0.038% |  |
| 239        | 13.969 | 13.952 | 13.987 | HH | 4899   | 99121   | 2.05%  | 0.159% |  |
| 240        | 13.997 | 13.987 | 14.010 | HH | 4896   | 66585   | 1.38%  | 0.107% |  |
| 241        | 14.035 | 14.010 | 14.049 | HH | 5602   | 123298  | 2.55%  | 0.198% |  |
| 242        | 14.073 | 14.049 | 14.134 | HH | 7814   | 322575  | 6.67%  | 0.519% |  |
| 243        | 14.137 | 14.134 | 14.140 | HH | 5631   | 21406   | 0.44%  | 0.034% |  |
| 244        | 14.173 | 14.140 | 14.208 | HH | 6547   | 245216  | 5.07%  | 0.395% |  |
| 245        | 14.235 | 14.208 | 14.275 | HH | 13212  | 364175  | 7.52%  | 0.586% |  |
| 246        | 14.300 | 14.275 | 14.325 | HH | 9138   | 248145  | 5.13%  | 0.399% |  |
| 247        | 14.330 | 14.325 | 14.349 | HH | 7430   | 103000  | 2.13%  | 0.166% |  |

| rteres.txt              |        |        |        |    |        |          |         |        |  |
|-------------------------|--------|--------|--------|----|--------|----------|---------|--------|--|
| 248                     | 14.355 | 14.349 | 14.401 | HH | 7302   | 222330   | 4.59%   | 0.358% |  |
| 249                     | 14.409 | 14.401 | 14.424 | HH | 6874   | 94965    | 1.96%   | 0.153% |  |
| 250                     | 14.464 | 14.424 | 14.502 | HH | 9396   | 377553   | 7.80%   | 0.607% |  |
|                         |        |        |        |    |        |          |         |        |  |
| 251                     | 14.518 | 14.502 | 14.530 | HH | 7743   | 130278   | 2.69%   | 0.210% |  |
| 252                     | 14.573 | 14.530 | 14.609 | HH | 140632 | 2137981  | 44.18%  | 3.440% |  |
| 253                     | 14.629 | 14.609 | 14.664 | HH | 9334   | 289997   | 5.99%   | 0.467% |  |
| 254                     | 14.698 | 14.664 | 14.709 | HH | 8749   | 232893   | 4.81%   | 0.375% |  |
| 255                     | 14.777 | 14.709 | 14.835 | HH | 162263 | 2665584  | 55.08%  | 4.289% |  |
|                         |        |        |        |    |        |          |         |        |  |
| 256                     | 14.858 | 14.835 | 14.880 | HH | 9978   | 263695   | 5.45%   | 0.424% |  |
| 257                     | 14.903 | 14.880 | 14.917 | HH | 10034  | 217824   | 4.50%   | 0.350% |  |
| 258                     | 14.939 | 14.917 | 14.947 | HH | 9900   | 177980   | 3.68%   | 0.286% |  |
| 259                     | 14.973 | 14.947 | 14.989 | HH | 10153  | 254229   | 5.25%   | 0.409% |  |
| 260                     | 15.082 | 14.989 | 15.092 | HH | 11383  | 647790   | 13.38%  | 1.042% |  |
|                         |        |        |        |    |        |          |         |        |  |
| 261                     | 15.109 | 15.092 | 15.128 | HH | 11648  | 242520   | 5.01%   | 0.390% |  |
| 262                     | 15.160 | 15.128 | 15.263 | HH | 49769  | 1632375  | 33.73%  | 2.626% |  |
| 263                     | 15.297 | 15.263 | 15.332 | HH | 33195  | 801102   | 16.55%  | 1.289% |  |
| 264                     | 15.361 | 15.332 | 15.386 | HH | 20535  | 519527   | 10.73%  | 0.836% |  |
| 265                     | 15.418 | 15.386 | 15.465 | HH | 14298  | 653696   | 13.51%  | 1.052% |  |
|                         |        |        |        |    |        |          |         |        |  |
| 266                     | 15.509 | 15.465 | 15.522 | HH | 13981  | 461594   | 9.54%   | 0.743% |  |
| 267                     | 15.553 | 15.522 | 15.574 | HH | 14929  | 440270   | 9.10%   | 0.708% |  |
| 268                     | 15.614 | 15.574 | 15.650 | HH | 15644  | 687303   | 14.20%  | 1.106% |  |
| 269                     | 15.681 | 15.650 | 15.720 | HH | 16359  | 656367   | 13.56%  | 1.056% |  |
| 270                     | 15.800 | 15.720 | 15.892 | HH | 192648 | 3955546  | 81.73%  | 6.364% |  |
|                         |        |        |        |    |        |          |         |        |  |
| 271                     | 15.929 | 15.892 | 15.955 | HH | 17024  | 634303   | 13.11%  | 1.021% |  |
| 272                     | 15.984 | 15.955 | 16.021 | HH | 18542  | 707886   | 14.63%  | 1.139% |  |
| 273                     | 16.087 | 16.021 | 16.129 | HH | 22114  | 1263657  | 26.11%  | 2.033% |  |
| 274                     | 16.182 | 16.129 | 16.215 | HH | 23257  | 1097743  | 22.68%  | 1.766% |  |
| 275                     | 16.283 | 16.215 | 16.324 | HH | 86452  | 2236350  | 46.21%  | 3.598% |  |
|                         |        |        |        |    |        |          |         |        |  |
| 276                     | 16.353 | 16.324 | 16.377 | HH | 22782  | 709669   | 14.66%  | 1.142% |  |
| 277                     | 16.414 | 16.377 | 16.467 | HH | 49593  | 1644379  | 33.98%  | 2.646% |  |
| 278                     | 16.482 | 16.467 | 16.532 | HH | 24818  | 939401   | 19.41%  | 1.511% |  |
| 279                     | 16.585 | 16.532 | 16.604 | HH | 26198  | 1078909  | 22.29%  | 1.736% |  |
| 280                     | 16.627 | 16.604 | 16.658 | HH | 26458  | 824873   | 17.04%  | 1.327% |  |
|                         |        |        |        |    |        |          |         |        |  |
| 281                     | 16.752 | 16.658 | 16.780 | HH | 240933 | 4839697  | 100.00% | 7.787% |  |
| 282                     | 16.797 | 16.780 | 16.822 | HH | 40774  | 850524   | 17.57%  | 1.368% |  |
| 283                     | 16.830 | 16.822 | 16.859 | HH | 28361  | 611547   | 12.64%  | 0.984% |  |
| 284                     | 16.875 | 16.859 | 16.886 | HH | 27749  | 439885   | 9.09%   | 0.708% |  |
| Sum of corrected areas: |        |        |        |    |        | 62152475 |         |        |  |

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