

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF071118\  
 Data File : FF001278.D  
 Signal(s) : FID2B.ch  
 Acq On : 12 Jul 2018 00:30  
 Sample : J3828-03 5X  
 Misc :  
 ALS Vial : 77 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\PESTPCBSRV\HPCHEM1\FID\_F\Method\FF070218.M  
 Title :

Signal : FID2B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.227       | 4.192        | 4.242      | BH       | 587            | 5777         | 0.02%          | 0.003%        |
| 2         | 4.263       | 4.242        | 4.281      | HH       | 552            | 5793         | 0.02%          | 0.003%        |
| 3         | 4.294       | 4.281        | 4.317      | HH       | 363            | 3846         | 0.01%          | 0.002%        |
| 4         | 4.333       | 4.317        | 4.350      | HH       | 242            | 2200         | 0.01%          | 0.001%        |
| 5         | 4.374       | 4.350        | 4.407      | PH       | 1002           | 14103        | 0.04%          | 0.007%        |
| 6         | 4.416       | 4.407        | 4.441      | HH       | 347            | 5373         | 0.02%          | 0.003%        |
| 7         | 4.451       | 4.441        | 4.466      | HH       | 310            | 3234         | 0.01%          | 0.002%        |
| 8         | 4.478       | 4.466        | 4.491      | HH       | 618            | 6157         | 0.02%          | 0.003%        |
| 9         | 4.503       | 4.491        | 4.519      | HH       | 480            | 5314         | 0.02%          | 0.003%        |
| 10        | 4.533       | 4.519        | 4.546      | HH       | 403            | 4666         | 0.01%          | 0.002%        |
| 11        | 4.550       | 4.546        | 4.566      | HH       | 415            | 3470         | 0.01%          | 0.002%        |
| 12        | 4.599       | 4.566        | 4.614      | HH       | 789            | 12022        | 0.03%          | 0.006%        |
| 13        | 4.624       | 4.614        | 4.629      | HH       | 589            | 4776         | 0.01%          | 0.002%        |
| 14        | 4.635       | 4.629        | 4.662      | HH       | 685            | 10273        | 0.03%          | 0.005%        |
| 15        | 4.684       | 4.662        | 4.727      | HH       | 1336           | 23581        | 0.07%          | 0.012%        |
| 16        | 4.746       | 4.727        | 4.764      | HH       | 614            | 7808         | 0.02%          | 0.004%        |
| 17        | 4.779       | 4.764        | 4.797      | HH       | 243            | 2877         | 0.01%          | 0.001%        |
| 18        | 4.836       | 4.797        | 4.847      | PH       | 473            | 8298         | 0.02%          | 0.004%        |
| 19        | 4.861       | 4.847        | 4.888      | HH       | 1139           | 16912        | 0.05%          | 0.008%        |
| 20        | 4.908       | 4.888        | 4.921      | HH       | 879            | 11707        | 0.03%          | 0.006%        |
| 21        | 4.935       | 4.921        | 4.949      | HH       | 1253           | 14303        | 0.04%          | 0.007%        |
| 22        | 4.966       | 4.949        | 5.038      | HH       | 1015           | 28118        | 0.08%          | 0.014%        |
| 23        | 5.057       | 5.038        | 5.067      | HH       | 698            | 8637         | 0.02%          | 0.004%        |
| 24        | 5.081       | 5.067        | 5.099      | HH       | 1016           | 14941        | 0.04%          | 0.007%        |
| 25        | 5.118       | 5.099        | 5.132      | HH       | 1181           | 18449        | 0.05%          | 0.009%        |
| 26        | 5.146       | 5.132        | 5.163      | HH       | 1474           | 19092        | 0.06%          | 0.009%        |
| 27        | 5.175       | 5.163        | 5.181      | HH       | 592            | 5810         | 0.02%          | 0.003%        |
| 28        | 5.204       | 5.181        | 5.222      | HH       | 846            | 13670        | 0.04%          | 0.007%        |
| 29        | 5.234       | 5.222        | 5.241      | HH       | 470            | 4043         | 0.01%          | 0.002%        |
| 30        | 5.261       | 5.241        | 5.268      | HH       | 3352           | 33897        | 0.10%          | 0.017%        |
| 31        | 5.272       | 5.268        | 5.313      | HH       | 3141           | 44767        | 0.13%          | 0.022%        |
| 32        | 5.329       | 5.313        | 5.358      | HH       | 1016           | 19515        | 0.06%          | 0.010%        |
| 33        | 5.373       | 5.358        | 5.402      | HH       | 719            | 15399        | 0.04%          | 0.008%        |
| 34        | 5.408       | 5.402        | 5.414      | HH       | 510            | 3391         | 0.01%          | 0.002%        |
| 35        | 5.435       | 5.414        | 5.463      | HH       | 2715           | 47504        | 0.14%          | 0.023%        |
| 36        | 5.475       | 5.463        | 5.496      | HH       | 941            | 16759        | 0.05%          | 0.008%        |

|    |       |       |       |    |            |        |       |        |  |
|----|-------|-------|-------|----|------------|--------|-------|--------|--|
|    |       |       |       |    | rteres.txt |        |       |        |  |
| 37 | 5.509 | 5.496 | 5.519 | HH | 1352       | 15309  | 0.04% | 0.007% |  |
| 38 | 5.537 | 5.519 | 5.578 | HH | 3157       | 68609  | 0.20% | 0.034% |  |
| 39 | 5.590 | 5.578 | 5.610 | HH | 1373       | 22557  | 0.07% | 0.011% |  |
| 40 | 5.626 | 5.610 | 5.652 | HH | 3345       | 50500  | 0.15% | 0.025% |  |
| 41 | 5.667 | 5.652 | 5.692 | HH | 1608       | 30098  | 0.09% | 0.015% |  |
| 42 | 5.710 | 5.692 | 5.731 | HH | 2130       | 32772  | 0.09% | 0.016% |  |
| 43 | 5.758 | 5.731 | 5.781 | HH | 2123       | 45115  | 0.13% | 0.022% |  |
| 44 | 5.849 | 5.781 | 5.874 | HH | 2204       | 84387  | 0.24% | 0.041% |  |
| 45 | 5.895 | 5.874 | 5.914 | HH | 1978       | 32871  | 0.09% | 0.016% |  |
| 46 | 5.935 | 5.914 | 5.950 | HH | 2916       | 46720  | 0.13% | 0.023% |  |
| 47 | 5.960 | 5.950 | 5.966 | HH | 2631       | 23486  | 0.07% | 0.011% |  |
| 48 | 5.972 | 5.966 | 6.002 | HH | 2595       | 44069  | 0.13% | 0.022% |  |
| 49 | 6.017 | 6.002 | 6.049 | HH | 2557       | 54324  | 0.16% | 0.027% |  |
| 50 | 6.069 | 6.049 | 6.099 | HH | 2688       | 63468  | 0.18% | 0.031% |  |
| 51 | 6.116 | 6.099 | 6.127 | HH | 2180       | 33391  | 0.10% | 0.016% |  |
| 52 | 6.134 | 6.127 | 6.142 | HH | 2141       | 17835  | 0.05% | 0.009% |  |
| 53 | 6.166 | 6.142 | 6.199 | HH | 4591       | 103900 | 0.30% | 0.051% |  |
| 54 | 6.207 | 6.199 | 6.218 | HH | 2522       | 26389  | 0.08% | 0.013% |  |
| 55 | 6.238 | 6.218 | 6.300 | HH | 7024       | 158599 | 0.46% | 0.078% |  |
| 56 | 6.320 | 6.300 | 6.333 | HH | 2265       | 38664  | 0.11% | 0.019% |  |
| 57 | 6.351 | 6.333 | 6.366 | HH | 2764       | 47070  | 0.14% | 0.023% |  |
| 58 | 6.384 | 6.366 | 6.408 | HH | 4440       | 80112  | 0.23% | 0.039% |  |
| 59 | 6.428 | 6.408 | 6.447 | HH | 3149       | 60514  | 0.17% | 0.030% |  |
| 60 | 6.454 | 6.447 | 6.467 | HH | 2089       | 23192  | 0.07% | 0.011% |  |
| 61 | 6.485 | 6.467 | 6.492 | HH | 2504       | 33456  | 0.10% | 0.016% |  |
| 62 | 6.510 | 6.492 | 6.532 | HH | 4553       | 71021  | 0.20% | 0.035% |  |
| 63 | 6.554 | 6.532 | 6.562 | HH | 3038       | 45475  | 0.13% | 0.022% |  |
| 64 | 6.571 | 6.562 | 6.600 | HH | 3291       | 58563  | 0.17% | 0.029% |  |
| 65 | 6.629 | 6.600 | 6.659 | HH | 10151      | 162582 | 0.47% | 0.080% |  |
| 66 | 6.666 | 6.659 | 6.682 | HH | 2425       | 32896  | 0.09% | 0.016% |  |
| 67 | 6.703 | 6.682 | 6.719 | HH | 3124       | 59998  | 0.17% | 0.029% |  |
| 68 | 6.749 | 6.719 | 6.770 | HH | 4850       | 110620 | 0.32% | 0.054% |  |
| 69 | 6.791 | 6.770 | 6.821 | HH | 5669       | 108742 | 0.31% | 0.053% |  |
| 70 | 6.855 | 6.821 | 6.881 | HH | 7468       | 165966 | 0.48% | 0.081% |  |
| 71 | 6.895 | 6.881 | 6.914 | HH | 4108       | 63954  | 0.18% | 0.031% |  |
| 72 | 6.935 | 6.914 | 6.972 | HH | 6859       | 148454 | 0.43% | 0.073% |  |
| 73 | 6.994 | 6.972 | 7.015 | HH | 4677       | 93866  | 0.27% | 0.046% |  |
| 74 | 7.032 | 7.015 | 7.048 | HH | 4065       | 66236  | 0.19% | 0.032% |  |
| 75 | 7.062 | 7.048 | 7.076 | HH | 3503       | 53201  | 0.15% | 0.026% |  |
| 76 | 7.080 | 7.076 | 7.089 | HH | 3121       | 24167  | 0.07% | 0.012% |  |
| 77 | 7.132 | 7.089 | 7.143 | HH | 10347      | 179194 | 0.52% | 0.088% |  |
| 78 | 7.157 | 7.143 | 7.178 | HH | 14073      | 191588 | 0.55% | 0.094% |  |
| 79 | 7.191 | 7.178 | 7.201 | HH | 4977       | 62303  | 0.18% | 0.030% |  |
| 80 | 7.206 | 7.201 | 7.216 | HH | 4739       | 43555  | 0.13% | 0.021% |  |
| 81 | 7.222 | 7.216 | 7.266 | HH | 4690       | 118097 | 0.34% | 0.058% |  |
| 82 | 7.276 | 7.266 | 7.289 | HH | 3380       | 46038  | 0.13% | 0.023% |  |
| 83 | 7.295 | 7.289 | 7.300 | HH | 3295       | 21953  | 0.06% | 0.011% |  |
| 84 | 7.326 | 7.300 | 7.361 | HH | 8515       | 203081 | 0.59% | 0.099% |  |
| 85 | 7.378 | 7.361 | 7.401 | HH | 4934       | 94741  | 0.27% | 0.046% |  |
| 86 | 7.418 | 7.401 | 7.430 | HH | 4250       | 63476  | 0.18% | 0.031% |  |
| 87 | 7.435 | 7.430 | 7.447 | HH | 3765       | 38367  | 0.11% | 0.019% |  |
| 88 | 7.464 | 7.447 | 7.474 | HH | 5472       | 77328  | 0.22% | 0.038% |  |
| 89 | 7.485 | 7.474 | 7.504 | HH | 5507       | 84551  | 0.24% | 0.041% |  |

|     |       |       |       |    |            |        |       |        |
|-----|-------|-------|-------|----|------------|--------|-------|--------|
|     |       |       |       |    | rteres.txt |        |       |        |
| 90  | 7.519 | 7.504 | 7.557 | HH | 5508       | 137873 | 0.40% | 0.067% |
| 91  | 7.580 | 7.557 | 7.599 | HH | 6529       | 127464 | 0.37% | 0.062% |
| 92  | 7.617 | 7.599 | 7.649 | HH | 6324       | 159956 | 0.46% | 0.078% |
| 93  | 7.674 | 7.649 | 7.693 | HH | 6093       | 133334 | 0.38% | 0.065% |
| 94  | 7.721 | 7.693 | 7.736 | HH | 6855       | 138920 | 0.40% | 0.068% |
| 95  | 7.753 | 7.736 | 7.765 | HH | 9696       | 133275 | 0.38% | 0.065% |
| 96  | 7.776 | 7.765 | 7.801 | HH | 9281       | 145365 | 0.42% | 0.071% |
| 97  | 7.846 | 7.801 | 7.876 | HH | 10382      | 276304 | 0.80% | 0.135% |
| 98  | 7.892 | 7.876 | 7.909 | HH | 5646       | 103349 | 0.30% | 0.051% |
| 99  | 7.932 | 7.909 | 7.954 | HH | 7942       | 181339 | 0.52% | 0.089% |
| 100 | 7.970 | 7.954 | 7.985 | HH | 9463       | 159609 | 0.46% | 0.078% |
| 101 | 7.997 | 7.985 | 8.006 | HH | 9066       | 110854 | 0.32% | 0.054% |
| 102 | 8.025 | 8.006 | 8.049 | HH | 22006      | 339691 | 0.98% | 0.166% |
| 103 | 8.083 | 8.049 | 8.107 | HH | 18116      | 370187 | 1.07% | 0.181% |
| 104 | 8.121 | 8.107 | 8.152 | HH | 8559       | 192120 | 0.55% | 0.094% |
| 105 | 8.176 | 8.152 | 8.192 | HH | 8561       | 173137 | 0.50% | 0.085% |
| 106 | 8.203 | 8.192 | 8.218 | HH | 7610       | 105062 | 0.30% | 0.051% |
| 107 | 8.239 | 8.218 | 8.283 | HH | 9651       | 278501 | 0.80% | 0.136% |
| 108 | 8.309 | 8.283 | 8.334 | HH | 6434       | 173791 | 0.50% | 0.085% |
| 109 | 8.348 | 8.334 | 8.359 | HH | 5734       | 81619  | 0.24% | 0.040% |
| 110 | 8.391 | 8.359 | 8.422 | HH | 7710       | 265270 | 0.77% | 0.130% |
| 111 | 8.444 | 8.422 | 8.454 | HH | 8864       | 158136 | 0.46% | 0.077% |
| 112 | 8.471 | 8.454 | 8.491 | HH | 9940       | 194541 | 0.56% | 0.095% |
| 113 | 8.514 | 8.491 | 8.524 | HH | 8775       | 164069 | 0.47% | 0.080% |
| 114 | 8.531 | 8.524 | 8.541 | HH | 8854       | 88560  | 0.26% | 0.043% |
| 115 | 8.559 | 8.541 | 8.587 | HH | 15053      | 281497 | 0.81% | 0.138% |
| 116 | 8.611 | 8.587 | 8.624 | HH | 9071       | 168004 | 0.48% | 0.082% |
| 117 | 8.631 | 8.624 | 8.645 | HH | 7517       | 86666  | 0.25% | 0.042% |
| 118 | 8.662 | 8.645 | 8.676 | HH | 8141       | 142009 | 0.41% | 0.069% |
| 119 | 8.681 | 8.676 | 8.687 | HH | 7621       | 52718  | 0.15% | 0.026% |
| 120 | 8.701 | 8.687 | 8.719 | HH | 8158       | 143952 | 0.42% | 0.070% |
| 121 | 8.763 | 8.719 | 8.802 | HH | 8745       | 407102 | 1.17% | 0.199% |
| 122 | 8.806 | 8.802 | 8.817 | HH | 7883       | 70540  | 0.20% | 0.035% |
| 123 | 8.844 | 8.817 | 8.907 | HH | 30007      | 688734 | 1.99% | 0.337% |
| 124 | 8.928 | 8.907 | 8.950 | HH | 9335       | 204993 | 0.59% | 0.100% |
| 125 | 8.981 | 8.950 | 9.001 | HH | 8719       | 231192 | 0.67% | 0.113% |
| 126 | 9.038 | 9.001 | 9.052 | HH | 8117       | 225334 | 0.65% | 0.110% |
| 127 | 9.068 | 9.052 | 9.094 | HH | 8871       | 200842 | 0.58% | 0.098% |
| 128 | 9.122 | 9.094 | 9.155 | HH | 9608       | 297742 | 0.86% | 0.146% |
| 129 | 9.168 | 9.155 | 9.184 | HH | 8459       | 140151 | 0.40% | 0.069% |
| 130 | 9.216 | 9.184 | 9.247 | HH | 13367      | 378693 | 1.09% | 0.185% |
| 131 | 9.280 | 9.247 | 9.289 | HH | 10914      | 250333 | 0.72% | 0.122% |
| 132 | 9.302 | 9.289 | 9.325 | HH | 11661      | 218914 | 0.63% | 0.107% |
| 133 | 9.348 | 9.325 | 9.366 | HH | 11400      | 236655 | 0.68% | 0.116% |
| 134 | 9.399 | 9.366 | 9.426 | HH | 11536      | 344039 | 0.99% | 0.168% |
| 135 | 9.441 | 9.426 | 9.456 | HH | 8299       | 142747 | 0.41% | 0.070% |
| 136 | 9.461 | 9.456 | 9.481 | HH | 7998       | 119431 | 0.34% | 0.058% |
| 137 | 9.498 | 9.481 | 9.512 | HH | 7995       | 146250 | 0.42% | 0.072% |
| 138 | 9.573 | 9.512 | 9.596 | HH | 11813      | 493860 | 1.43% | 0.242% |
| 139 | 9.620 | 9.596 | 9.666 | HH | 38737      | 707215 | 2.04% | 0.346% |
| 140 | 9.694 | 9.666 | 9.712 | HH | 9256       | 243286 | 0.70% | 0.119% |
| 141 | 9.719 | 9.712 | 9.764 | HH | 9010       | 252447 | 0.73% | 0.123% |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 142        | 9.788  | 9.764  | 9.817  | HH | 9378   | 270428  | 0.78%  | 0.132% |
| 143        | 9.846  | 9.817  | 9.851  | HH | 8404   | 163202  | 0.47%  | 0.080% |
| 144        | 9.858  | 9.851  | 9.872  | HH | 8585   | 105797  | 0.31%  | 0.052% |
| 145        | 9.886  | 9.872  | 9.917  | HH | 8718   | 226319  | 0.65%  | 0.111% |
|            |        |        |        |    |        |         |        |        |
| 146        | 9.966  | 9.917  | 9.978  | HH | 11107  | 348566  | 1.01%  | 0.171% |
| 147        | 10.006 | 9.978  | 10.033 | HH | 20206  | 471293  | 1.36%  | 0.231% |
| 148        | 10.058 | 10.033 | 10.075 | HH | 12389  | 282761  | 0.82%  | 0.138% |
| 149        | 10.096 | 10.075 | 10.112 | HH | 12332  | 250973  | 0.72%  | 0.123% |
| 150        | 10.118 | 10.112 | 10.131 | HH | 10701  | 113824  | 0.33%  | 0.056% |
|            |        |        |        |    |        |         |        |        |
| 151        | 10.150 | 10.131 | 10.175 | HH | 13398  | 282999  | 0.82%  | 0.138% |
| 152        | 10.202 | 10.175 | 10.221 | HH | 9533   | 253310  | 0.73%  | 0.124% |
| 153        | 10.254 | 10.221 | 10.274 | HH | 11471  | 333826  | 0.96%  | 0.163% |
| 154        | 10.289 | 10.274 | 10.314 | HH | 11027  | 247633  | 0.71%  | 0.121% |
| 155        | 10.357 | 10.314 | 10.394 | HH | 41301  | 906469  | 2.62%  | 0.443% |
|            |        |        |        |    |        |         |        |        |
| 156        | 10.428 | 10.394 | 10.522 | HH | 22296  | 1000191 | 2.89%  | 0.489% |
| 157        | 10.544 | 10.522 | 10.556 | HH | 9965   | 190136  | 0.55%  | 0.093% |
| 158        | 10.575 | 10.556 | 10.583 | HH | 10297  | 164447  | 0.47%  | 0.080% |
| 159        | 10.614 | 10.583 | 10.644 | HH | 11092  | 383254  | 1.11%  | 0.187% |
| 160        | 10.680 | 10.644 | 10.715 | HH | 12904  | 488234  | 1.41%  | 0.239% |
|            |        |        |        |    |        |         |        |        |
| 161        | 10.743 | 10.715 | 10.762 | HH | 13379  | 341408  | 0.99%  | 0.167% |
| 162        | 10.770 | 10.762 | 10.788 | HH | 11495  | 164091  | 0.47%  | 0.080% |
| 163        | 10.812 | 10.788 | 10.845 | HH | 12731  | 371815  | 1.07%  | 0.182% |
| 164        | 10.862 | 10.845 | 10.886 | HH | 11705  | 252220  | 0.73%  | 0.123% |
| 165        | 10.907 | 10.886 | 10.932 | HH | 10864  | 273770  | 0.79%  | 0.134% |
|            |        |        |        |    |        |         |        |        |
| 166        | 11.000 | 10.932 | 11.029 | HH | 10840  | 588935  | 1.70%  | 0.288% |
| 167        | 11.058 | 11.029 | 11.088 | HH | 37175  | 700645  | 2.02%  | 0.343% |
| 168        | 11.097 | 11.088 | 11.100 | HH | 11017  | 77396   | 0.22%  | 0.038% |
| 169        | 11.148 | 11.100 | 11.195 | HH | 19509  | 733953  | 2.12%  | 0.359% |
| 170        | 11.210 | 11.195 | 11.222 | HH | 10231  | 157564  | 0.45%  | 0.077% |
|            |        |        |        |    |        |         |        |        |
| 171        | 11.250 | 11.222 | 11.270 | HH | 10970  | 303449  | 0.88%  | 0.148% |
| 172        | 11.286 | 11.270 | 11.310 | HH | 10421  | 246547  | 0.71%  | 0.121% |
| 173        | 11.352 | 11.310 | 11.377 | HH | 13094  | 468014  | 1.35%  | 0.229% |
| 174        | 11.385 | 11.377 | 11.392 | HH | 11547  | 102518  | 0.30%  | 0.050% |
| 175        | 11.412 | 11.392 | 11.429 | HH | 12482  | 258018  | 0.74%  | 0.126% |
|            |        |        |        |    |        |         |        |        |
| 176        | 11.451 | 11.429 | 11.472 | HH | 14035  | 328554  | 0.95%  | 0.161% |
| 177        | 11.492 | 11.472 | 11.506 | HH | 12683  | 237964  | 0.69%  | 0.116% |
| 178        | 11.542 | 11.506 | 11.566 | HH | 13702  | 431800  | 1.25%  | 0.211% |
| 179        | 11.583 | 11.566 | 11.593 | HH | 11702  | 181937  | 0.53%  | 0.089% |
| 180        | 11.614 | 11.593 | 11.645 | HH | 16419  | 417489  | 1.20%  | 0.204% |
|            |        |        |        |    |        |         |        |        |
| 181        | 11.658 | 11.645 | 11.671 | HH | 11548  | 175669  | 0.51%  | 0.086% |
| 182        | 11.727 | 11.671 | 11.750 | HH | 34762  | 859423  | 2.48%  | 0.420% |
| 183        | 11.784 | 11.750 | 11.874 | HH | 586738 | 7754656 | 22.38% | 3.793% |
| 184        | 11.877 | 11.874 | 11.893 | HH | 11266  | 124422  | 0.36%  | 0.061% |
| 185        | 11.938 | 11.893 | 11.951 | HH | 12565  | 414935  | 1.20%  | 0.203% |
|            |        |        |        |    |        |         |        |        |
| 186        | 11.958 | 11.951 | 11.971 | HH | 12536  | 141477  | 0.41%  | 0.069% |
| 187        | 11.989 | 11.971 | 12.007 | HH | 13552  | 286009  | 0.83%  | 0.140% |
| 188        | 12.010 | 12.007 | 12.046 | HH | 13349  | 288389  | 0.83%  | 0.141% |
| 189        | 12.077 | 12.046 | 12.090 | HH | 13204  | 331128  | 0.96%  | 0.162% |
| 190        | 12.104 | 12.090 | 12.123 | HH | 13522  | 256800  | 0.74%  | 0.126% |
|            |        |        |        |    |        |         |        |        |
| 191        | 12.136 | 12.123 | 12.168 | HH | 13947  | 350325  | 1.01%  | 0.171% |
| 192        | 12.191 | 12.168 | 12.202 | HH | 13991  | 261604  | 0.76%  | 0.128% |
| 193        | 12.212 | 12.202 | 12.229 | HH | 13996  | 216251  | 0.62%  | 0.106% |
| 194        | 12.243 | 12.229 | 12.264 | HH | 14475  | 278773  | 0.80%  | 0.136% |

|     |        |        |        |    |            |          |         |         |
|-----|--------|--------|--------|----|------------|----------|---------|---------|
|     |        |        |        |    | rteres.txt |          |         |         |
| 195 | 12.300 | 12.264 | 12.327 | HH | 14397      | 496983   | 1.43%   | 0.243%  |
| 196 | 12.365 | 12.327 | 12.395 | HH | 34562      | 786714   | 2.27%   | 0.385%  |
| 197 | 12.419 | 12.395 | 12.473 | HH | 21210      | 708854   | 2.05%   | 0.347%  |
| 198 | 12.479 | 12.473 | 12.484 | HH | 12712      | 87656    | 0.25%   | 0.043%  |
| 199 | 12.512 | 12.484 | 12.531 | HH | 13215      | 355316   | 1.03%   | 0.174%  |
| 200 | 12.547 | 12.531 | 12.569 | HH | 12875      | 284331   | 0.82%   | 0.139%  |
| 201 | 12.613 | 12.569 | 12.629 | HH | 14421      | 470003   | 1.36%   | 0.230%  |
| 202 | 12.646 | 12.629 | 12.692 | HH | 14371      | 526784   | 1.52%   | 0.258%  |
| 203 | 12.715 | 12.692 | 12.758 | HH | 18399      | 612057   | 1.77%   | 0.299%  |
| 204 | 12.813 | 12.758 | 12.840 | HH | 2102370    | 34649057 | 100.00% | 16.950% |
| 205 | 12.864 | 12.840 | 12.883 | HH | 1216528    | 15156171 | 43.74%  | 7.414%  |
| 206 | 12.890 | 12.883 | 12.932 | HH | 122002     | 1518059  | 4.38%   | 0.743%  |
| 207 | 12.949 | 12.932 | 12.957 | HH | 17298      | 248278   | 0.72%   | 0.121%  |
| 208 | 12.978 | 12.957 | 13.001 | HH | 31304      | 611752   | 1.77%   | 0.299%  |
| 209 | 13.033 | 13.001 | 13.069 | HH | 255007     | 3640795  | 10.51%  | 1.781%  |
| 210 | 13.070 | 13.069 | 13.107 | HH | 19669      | 416394   | 1.20%   | 0.204%  |
| 211 | 13.123 | 13.107 | 13.162 | HH | 18140      | 546633   | 1.58%   | 0.267%  |
| 212 | 13.185 | 13.162 | 13.217 | HH | 18827      | 579971   | 1.67%   | 0.284%  |
| 213 | 13.236 | 13.217 | 13.271 | HH | 17851      | 552420   | 1.59%   | 0.270%  |
| 214 | 13.283 | 13.271 | 13.287 | HH | 16909      | 167609   | 0.48%   | 0.082%  |
| 215 | 13.325 | 13.287 | 13.378 | HH | 29628      | 1147119  | 3.31%   | 0.561%  |
| 216 | 13.382 | 13.378 | 13.393 | HH | 17944      | 164675   | 0.48%   | 0.081%  |
| 217 | 13.434 | 13.393 | 13.452 | HH | 23585      | 721576   | 2.08%   | 0.353%  |
| 218 | 13.460 | 13.452 | 13.472 | HH | 20726      | 252876   | 0.73%   | 0.124%  |
| 219 | 13.489 | 13.472 | 13.524 | HH | 21879      | 615764   | 1.78%   | 0.301%  |
| 220 | 13.563 | 13.524 | 13.584 | HH | 33039      | 899402   | 2.60%   | 0.440%  |
| 221 | 13.600 | 13.584 | 13.637 | HH | 27330      | 774781   | 2.24%   | 0.379%  |
| 222 | 13.669 | 13.637 | 13.724 | HH | 29948      | 1257472  | 3.63%   | 0.615%  |
| 223 | 13.791 | 13.724 | 13.796 | HH | 23776      | 946700   | 2.73%   | 0.463%  |
| 224 | 13.845 | 13.796 | 13.856 | HH | 38857      | 1102954  | 3.18%   | 0.540%  |
| 225 | 13.863 | 13.856 | 13.896 | HH | 37247      | 724371   | 2.09%   | 0.354%  |
| 226 | 13.955 | 13.896 | 13.983 | HH | 32247      | 1466928  | 4.23%   | 0.718%  |
| 227 | 14.015 | 13.983 | 14.029 | HH | 37123      | 872390   | 2.52%   | 0.427%  |
| 228 | 14.043 | 14.029 | 14.090 | HH | 34757      | 1081995  | 3.12%   | 0.529%  |
| 229 | 14.124 | 14.090 | 14.156 | HH | 41776      | 1275698  | 3.68%   | 0.624%  |
| 230 | 14.181 | 14.156 | 14.208 | HH | 54767      | 1264968  | 3.65%   | 0.619%  |
| 231 | 14.241 | 14.208 | 14.263 | HH | 36766      | 1052861  | 3.04%   | 0.515%  |
| 232 | 14.292 | 14.263 | 14.319 | HH | 34486      | 1028632  | 2.97%   | 0.503%  |
| 233 | 14.351 | 14.319 | 14.379 | HH | 29820      | 1044363  | 3.01%   | 0.511%  |
| 234 | 14.399 | 14.379 | 14.420 | HH | 31214      | 731046   | 2.11%   | 0.358%  |
| 235 | 14.460 | 14.420 | 14.501 | HH | 53910      | 1800636  | 5.20%   | 0.881%  |
| 236 | 14.514 | 14.501 | 14.533 | HH | 31794      | 599121   | 1.73%   | 0.293%  |
| 237 | 14.579 | 14.533 | 14.607 | HH | 35860      | 1513517  | 4.37%   | 0.740%  |
| 238 | 14.657 | 14.607 | 14.696 | HH | 53438      | 2173560  | 6.27%   | 1.063%  |
| 239 | 14.724 | 14.696 | 14.757 | HH | 37364      | 1306453  | 3.77%   | 0.639%  |
| 240 | 14.778 | 14.757 | 14.783 | HH | 36757      | 571036   | 1.65%   | 0.279%  |
| 241 | 14.796 | 14.783 | 14.847 | HH | 37188      | 1390818  | 4.01%   | 0.680%  |
| 242 | 14.852 | 14.847 | 14.868 | HH | 35597      | 439381   | 1.27%   | 0.215%  |
| 243 | 14.909 | 14.868 | 14.933 | HH | 38152      | 1433067  | 4.14%   | 0.701%  |
| 244 | 14.974 | 14.933 | 14.990 | HH | 39525      | 1306608  | 3.77%   | 0.639%  |
| 245 | 15.017 | 14.990 | 15.027 | HH | 41412      | 886989   | 2.56%   | 0.434%  |
| 246 | 15.054 | 15.027 | 15.096 | HH | 47844      | 1784039  | 5.15%   | 0.873%  |

|     |        |        |        |     | rteres.txt |         |        |        |
|-----|--------|--------|--------|-----|------------|---------|--------|--------|
| 247 | 15.107 | 15.096 | 15.120 | HH  | 41514      | 591029  | 1.71%  | 0.289% |
| 248 | 15.183 | 15.120 | 15.204 | HH  | 47237      | 2147627 | 6.20%  | 1.051% |
| 249 | 15.241 | 15.204 | 15.279 | HH  | 64281      | 2256131 | 6.51%  | 1.104% |
| 250 | 15.299 | 15.279 | 15.324 | HH  | 47328      | 1223323 | 3.53%  | 0.598% |
| 251 | 15.331 | 15.324 | 15.338 | HH  | 44247      | 381542  | 1.10%  | 0.187% |
| 252 | 15.382 | 15.338 | 15.394 | HH  | 47819      | 1549410 | 4.47%  | 0.758% |
| 253 | 15.433 | 15.394 | 15.453 | HH  | 51167      | 1754786 | 5.06%  | 0.858% |
| 254 | 15.468 | 15.453 | 15.477 | HH  | 50605      | 736578  | 2.13%  | 0.360% |
| 255 | 15.495 | 15.477 | 15.504 | HH  | 51466      | 820263  | 2.37%  | 0.401% |
| 256 | 15.523 | 15.504 | 15.534 | HH  | 52030      | 919669  | 2.65%  | 0.450% |
| 257 | 15.567 | 15.534 | 15.573 | HH  | 55463      | 1278445 | 3.69%  | 0.625% |
| 258 | 15.590 | 15.573 | 15.607 | HH  | 56273      | 1110983 | 3.21%  | 0.543% |
| 259 | 15.623 | 15.607 | 15.630 | HH  | 56859      | 778770  | 2.25%  | 0.381% |
| 260 | 15.653 | 15.630 | 15.659 | HH  | 58110      | 1020804 | 2.95%  | 0.499% |
| 261 | 15.682 | 15.659 | 15.713 | HH  | 66770      | 2022009 | 5.84%  | 0.989% |
| 262 | 15.722 | 15.713 | 15.727 | HH  | 61716      | 495496  | 1.43%  | 0.242% |
| 263 | 15.736 | 15.727 | 15.754 | HH  | 63126      | 1037486 | 2.99%  | 0.508% |
| 264 | 15.760 | 15.754 | 15.772 | HH  | 61904      | 664736  | 1.92%  | 0.325% |
| 265 | 15.784 | 15.772 | 15.799 | HH  | 62515      | 989494  | 2.86%  | 0.484% |
| 266 | 15.806 | 15.799 | 15.820 | HH  | 62514      | 770891  | 2.22%  | 0.377% |
| 267 | 15.856 | 15.820 | 15.876 | HH  | 79826      | 2393417 | 6.91%  | 1.171% |
| 268 | 15.888 | 15.876 | 15.916 | HH  | 74705      | 1722856 | 4.97%  | 0.843% |
| 269 | 15.921 | 15.916 | 15.924 | HH  | 69608      | 353269  | 1.02%  | 0.173% |
| 270 | 15.928 | 15.924 | 15.931 | HH  | 69903      | 289151  | 0.83%  | 0.141% |
| 271 | 15.976 | 15.931 | 16.008 | HH  | 74963      | 3383236 | 9.76%  | 1.655% |
| 272 | 16.033 | 16.008 | 16.038 | HH  | 75380      | 1351971 | 3.90%  | 0.661% |
| 273 | 16.058 | 16.038 | 16.092 | HH  | 80136      | 2482776 | 7.17%  | 1.215% |
| 274 | 16.161 | 16.092 | 16.196 | HH  | 87959      | 4981092 | 14.38% | 2.437% |
| 275 | 16.232 | 16.196 | 16.262 | HH  | 88407      | 3386179 | 9.77%  | 1.656% |
| 276 | 16.277 | 16.262 | 16.284 | HH  | 90065      | 1163254 | 3.36%  | 0.569% |
| 277 | 16.290 | 16.284 | 16.302 | HH  | 89816      | 934551  | 2.70%  | 0.457% |
| 278 | 16.310 | 16.302 | 16.327 | HH  | 90016      | 1373896 | 3.97%  | 0.672% |
| 279 | 16.337 | 16.327 | 16.343 | HH  | 89206      | 808751  | 2.33%  | 0.396% |
| 280 | 16.362 | 16.343 | 16.391 | HH  | 91797      | 2591512 | 7.48%  | 1.268% |
| 281 | 16.398 | 16.391 | 16.402 | HH  | 89852      | 597006  | 1.72%  | 0.292% |
| 282 | 16.439 | 16.402 | 16.452 | HH  | 93488      | 2784828 | 8.04%  | 1.362% |
| 283 | 16.476 | 16.452 | 16.495 | HH  | 121348     | 2789401 | 8.05%  | 1.365% |
| 284 | 16.516 | 16.495 | 16.546 | HH  | 138944     | 3540964 | 10.22% | 1.732% |
| 285 | 16.551 | 16.546 | 16.555 | HH  | 99384      | 507483  | 1.46%  | 0.248% |
| 286 | 16.560 | 16.555 | 16.567 | HH  | 99630      | 758774  | 2.19%  | 0.371% |
| 287 | 16.578 | 16.567 | 16.582 | HH  | 99701      | 870039  | 2.51%  | 0.426% |
| 288 | 16.602 | 16.582 | 16.608 | HH  | 102338     | 1603880 | 4.63%  | 0.785% |
| 289 | 16.637 | 16.608 | 16.655 | HH  | 116851     | 3046487 | 8.79%  | 1.490% |
| 290 | 16.674 | 16.655 | 16.681 | HHA | 113725     | 1787059 | 5.16%  | 0.874% |

Sum of corrected areas: 204422118

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