

Instrument :  
FID\_F  
ClientSampleId :  
34S

rteres

# Area Percent Report

Manual Integrations  
APPROVED

mohammad  
8/17/2021 11:47:35 AM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF081321\  
Data File : FF008909.D  
Signal(s) : FID2B.ch  
Acq On : 13 Aug 2021 23:13  
Sample : M3408-11  
Misc :  
ALS Vial : 69 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF072121.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         | 2.035       | 2.000        | 2.067      | BH       | 3384           | 38656        | 1.20%          | 0.039%        |
| 2         | 2.073       | 2.067        | 2.094      | HH       | 537            | 8046         | 0.25%          | 0.008%        |
| 3         | 2.101       | 2.094        | 2.119      | HH       | 506            | 7079         | 0.22%          | 0.007%        |
| 4         | 2.138       | 2.119        | 2.178      | HH       | 879            | 21857        | 0.68%          | 0.022%        |
| 5         | 2.206       | 2.178        | 2.226      | HH       | 1056           | 18881        | 0.58%          | 0.019%        |
| 6         | 2.235       | 2.226        | 2.244      | HH       | 510            | 4844         | 0.15%          | 0.005%        |
| 7         | 2.257       | 2.244        | 2.275      | HH       | 816            | 10432        | 0.32%          | 0.010%        |
| 8         | 2.279       | 2.275        | 2.285      | HH       | 469            | 2596         | 0.08%          | 0.003%        |
| 9         | 2.291       | 2.285        | 2.295      | HH       | 446            | 2487         | 0.08%          | 0.003%        |
| 10        | 2.300       | 2.295        | 2.309      | HH       | 440            | 3167         | 0.10%          | 0.003%        |
| 11        | 2.312       | 2.309        | 2.336      | HH       | 422            | 6128         | 0.19%          | 0.006%        |
| 12        | 2.352       | 2.336        | 2.364      | HH       | 463            | 6692         | 0.21%          | 0.007%        |
| 13        | 2.376       | 2.364        | 2.390      | HH       | 397            | 5890         | 0.18%          | 0.006%        |
| 14        | 2.403       | 2.390        | 2.432      | HH       | 553            | 10263        | 0.32%          | 0.010%        |
| 15        | 2.438       | 2.432        | 2.447      | HH       | 360            | 3219         | 0.10%          | 0.003%        |
| 16        | 2.451       | 2.447        | 2.469      | HH       | 449            | 5245         | 0.16%          | 0.005%        |
| 17        | 2.487       | 2.469        | 2.514      | HH       | 462            | 9289         | 0.29%          | 0.009%        |
| 18        | 2.520       | 2.514        | 2.547      | HH       | 400            | 7118         | 0.22%          | 0.007%        |
| 19        | 2.550       | 2.547        | 2.565      | HH       | 339            | 3424         | 0.11%          | 0.003%        |
| 20        | 2.576       | 2.565        | 2.611      | HH       | 1112           | 16663        | 0.52%          | 0.017%        |
| 21        | 2.634       | 2.611        | 2.662      | HH       | 1252           | 18714        | 0.58%          | 0.019%        |
| 22        | 2.686       | 2.662        | 2.717      | HH       | 644            | 14167        | 0.44%          | 0.014%        |
| 23        | 2.724       | 2.717        | 2.732      | HH       | 410            | 3043         | 0.09%          | 0.003%        |
| 24        | 2.744       | 2.732        | 2.750      | HH       | 355            | 3540         | 0.11%          | 0.004%        |
| 25        | 2.756       | 2.750        | 2.779      | HH       | 400            | 5750         | 0.18%          | 0.006%        |
| 26        | 2.804       | 2.779        | 2.827      | HH       | 413            | 9725         | 0.30%          | 0.010%        |
| 27        | 2.831       | 2.827        | 2.842      | HH       | 404            | 2836         | 0.09%          | 0.003%        |
| 28        | 2.844       | 2.842        | 2.859      | HH       | 327            | 3050         | 0.09%          | 0.003%        |
| 29        | 2.866       | 2.859        | 2.884      | HH       | 427            | 5033         | 0.16%          | 0.005%        |
| 30        | 2.896       | 2.884        | 2.944      | HH       | 348            | 10002        | 0.31%          | 0.010%        |
| 31        | 2.958       | 2.944        | 3.019      | HH       | 606            | 16861        | 0.52%          | 0.017%        |
| 32        | 3.025       | 3.019        | 3.084      | HH       | 396            | 11977        | 0.37%          | 0.012%        |
| 33        | 3.118       | 3.084        | 3.127      | HH       | 469            | 10059        | 0.31%          | 0.010%        |
| 34        | 3.144       | 3.127        | 3.176      | HH       | 520            | 11417        | 0.35%          | 0.011%        |
| 35        | 3.185       | 3.176        | 3.211      | HH       | 397            | 6152         | 0.19%          | 0.006%        |
| 36        | 3.220       | 3.211        | 3.231      | HH       | 317            | 3353         | 0.10%          | 0.003%        |

|    |       |       |       |    |        |       |        |         |
|----|-------|-------|-------|----|--------|-------|--------|---------|
|    |       |       |       |    |        |       |        |         |
|    |       |       |       |    | rteres |       |        |         |
| 37 | 3.237 | 3.231 | 3.264 | HH | 263    | 4890  | 0.15%  | 0.005%  |
| 38 | 3.266 | 3.264 | 3.302 | HH | 328    | 5318  | 0.16%  | 0.005%  |
| 39 | 3.320 | 3.302 | 3.332 | HH | 386    | 6128  | 0.19%  | 0.006%  |
| 40 | 3.344 | 3.332 | 3.372 | HH | 347    | 7306  | 0.23%  | 0.007%  |
|    |       |       |       |    |        |       |        |         |
| 41 | 3.379 | 3.372 | 3.409 | HH | 326    | 5679  | 0.18%  | 0.006%  |
| 42 | 3.432 | 3.409 | 3.464 | HH | 665    | 10932 | 0.34%  | 0.011%  |
| 43 | 3.475 | 3.464 | 3.525 | HH | 515    | 12570 | 0.39%  | 0.013%  |
| 44 | 3.532 | 3.525 | 3.547 | HH | 267    | 3314  | 0.10%  | 0.003%  |
| 45 | 3.561 | 3.547 | 3.590 | HH | 344    | 7252  | 0.22%  | 0.007%  |
|    |       |       |       |    |        |       |        |         |
| 46 | 3.597 | 3.590 | 3.656 | HH | 374    | 10060 | 0.31%  | 0.010%  |
| 47 | 3.667 | 3.656 | 3.690 | HH | 308    | 3962  | 0.12%  | 0.004%  |
| 48 | 3.709 | 3.690 | 3.724 | HH | 314    | 4712  | 0.15%  | 0.005%  |
| 49 | 3.736 | 3.724 | 3.783 | HH | 487    | 9988  | 0.31%  | 0.010%  |
| 50 | 3.813 | 3.783 | 3.848 | HH | 255    | 7245  | 0.22%  | 0.007%  |
|    |       |       |       |    |        |       |        |         |
| 51 | 3.873 | 3.848 | 3.880 | HH | 234    | 3321  | 0.10%  | 0.003%  |
| 52 | 3.930 | 3.880 | 4.005 | HH | 377    | 16456 | 0.51%  | 0.017%  |
| 53 | 4.018 | 4.005 | 4.075 | HH | 298    | 7342  | 0.23%  | 0.007%  |
| 54 | 4.120 | 4.075 | 4.174 | HH | 1842   | 43698 | 1.35%  | 0.044%  |
| 55 | 4.184 | 4.174 | 4.238 | HH | 612    | 16092 | 0.50%  | 0.016%  |
|    |       |       |       |    |        |       |        |         |
| 56 | 4.255 | 4.238 | 4.346 | HH | 3703   | 63052 | 1.95%  | 0.063%  |
| 57 | 4.358 | 4.346 | 4.386 | HH | 469    | 8012  | 0.25%  | 0.008%  |
| 58 | 4.443 | 4.386 | 4.470 | HH | 618    | 22499 | 0.70%  | 0.023%  |
| 59 | 4.503 | 4.470 | 4.525 | HH | 1591   | 30995 | 0.96%  | 0.031%  |
| 60 | 4.548 | 4.525 | 4.604 | HH | 1093   | 30363 | 0.94%  | 0.031%  |
|    |       |       |       |    |        |       |        |         |
| 61 | 4.623 | 4.604 | 4.635 | HH | 420    | 7479  | 0.23%  | 0.008%  |
| 62 | 4.650 | 4.635 | 4.696 | HH | 686    | 15370 | 0.48%  | 0.015%  |
| 63 | 4.711 | 4.696 | 4.754 | HH | 353    | 7408  | 0.23%  | 0.007%  |
| 64 | 4.758 | 4.754 | 4.782 | HH | 181    | 1625  | 0.05%  | 0.002%  |
| 65 | 4.790 | 4.782 | 4.824 | PH | 164    | 2469  | 0.08%  | 0.002%  |
|    |       |       |       |    |        |       |        |         |
| 66 | 4.845 | 4.824 | 4.918 | HH | 348    | 8426  | 0.26%  | 0.008%  |
| 67 | 4.924 | 4.918 | 4.944 | HH | 91     | 1026  | 0.03%  | 0.001%  |
| 68 | 4.958 | 4.944 | 5.007 | HH | 143    | 2341  | 0.07%  | 0.002%  |
| 69 | 5.022 | 5.007 | 5.030 | PH | 41     | 96    | 0.00%  | 0.000%  |
| 70 | 5.073 | 5.030 | 5.084 | PH | 190    | 2808  | 0.09%  | 0.003%  |
|    |       |       |       |    |        |       |        |         |
| 71 | 5.112 | 5.084 | 5.177 | HH | 294    | 5983  | 0.19%  | 0.006%  |
| 72 | 5.195 | 5.177 | 5.222 | HH | 108    | 1268  | 0.04%  | 0.001%  |
| 73 | 5.243 | 5.222 | 5.284 | HH | 138    | 2273  | 0.07%  | 0.002%  |
| 74 | 5.293 | 5.284 | 5.330 | PH | 85     | 812   | 0.03%  | 0.001%  |
| 75 | 5.360 | 5.330 | 5.382 | PH | 425    | 4404  | 0.14%  | 0.004%  |
|    |       |       |       |    |        |       |        |         |
| 76 | 5.389 | 5.382 | 5.402 | PH | 48     | 431   | 0.01%  | 0.000%  |
| 77 | 5.420 | 5.402 | 5.441 | PH | 160    | 1316  | 0.04%  | 0.001%  |
| 78 | 5.459 | 5.441 | 5.519 | PH | 140    | -1393 | -0.04% | -0.001% |
| 79 | 5.539 | 5.519 | 5.555 | PH | 144    | -51   | -0.00% | -0.000% |
| 80 | 5.587 | 5.555 | 5.634 | PH | 3168   | 31045 | 0.96%  | 0.031%  |
|    |       |       |       |    |        |       |        |         |
| 81 | 5.651 | 5.634 | 5.712 | PH | 1703   | 20665 | 0.64%  | 0.021%  |
| 82 | 5.733 | 5.712 | 5.754 | HH | 265    | 2626  | 0.08%  | 0.003%  |
| 83 | 5.776 | 5.754 | 5.819 | PH | 261    | 3903  | 0.12%  | 0.004%  |
| 84 | 5.830 | 5.819 | 5.841 | PH | 99     | 369   | 0.01%  | 0.000%  |
| 85 | 5.864 | 5.841 | 5.914 | PH | 73     | -720  | -0.02% | -0.001% |
|    |       |       |       |    |        |       |        |         |
| 86 | 5.942 | 5.914 | 5.965 | PH | 48     | 124   | 0.00%  | 0.000%  |
| 87 | 5.993 | 5.965 | 6.025 | PH | 73     | 1096  | 0.03%  | 0.001%  |
| 88 | 6.045 | 6.025 | 6.056 | PH | 699    | 6528  | 0.20%  | 0.007%  |
| 89 | 6.097 | 6.056 | 6.120 | HH | 5466   | 66322 | 2.05%  | 0.067%  |

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| rteres |       |       |       |    |        |         |        |         |
|--------|-------|-------|-------|----|--------|---------|--------|---------|
| 90     | 6.146 | 6.120 | 6.219 | HH | 199587 | 1996521 | 61.79% | 2.008%  |
| 91     | 6.229 | 6.219 | 6.264 | HH | 1937   | 43316   | 1.34%  | 0.044%  |
| 92     | 6.277 | 6.264 | 6.347 | HH | 1361   | 55695   | 1.72%  | 0.056%  |
| 93     | 6.372 | 6.347 | 6.464 | HH | 1168   | 63285   | 1.96%  | 0.064%  |
| 94     | 6.477 | 6.464 | 6.500 | HH | 876    | 17666   | 0.55%  | 0.018%  |
| 95     | 6.519 | 6.500 | 6.623 | HH | 1073   | 39521   | 1.22%  | 0.040%  |
| 96     | 6.638 | 6.623 | 6.655 | HH | 349    | 5622    | 0.17%  | 0.006%  |
| 97     | 6.666 | 6.655 | 6.700 | HH | 291    | 5250    | 0.16%  | 0.005%  |
| 98     | 6.712 | 6.700 | 6.760 | HH | 232    | 4956    | 0.15%  | 0.005%  |
| 99     | 6.769 | 6.760 | 6.779 | HH | 171    | 1166    | 0.04%  | 0.001%  |
| 100    | 6.797 | 6.779 | 6.821 | HH | 256    | 3589    | 0.11%  | 0.004%  |
| 101    | 6.850 | 6.821 | 6.890 | HH | 185    | 2406    | 0.07%  | 0.002%  |
| 102    | 6.924 | 6.890 | 6.951 | PH | 88     | 387     | 0.01%  | 0.000%  |
| 103    | 6.977 | 6.951 | 7.020 | PH | 768    | 14270   | 0.44%  | 0.014%  |
| 104    | 7.032 | 7.020 | 7.040 | HH | 358    | 3404    | 0.11%  | 0.003%  |
| 105    | 7.048 | 7.040 | 7.070 | HH | 378    | 5084    | 0.16%  | 0.005%  |
| 106    | 7.079 | 7.070 | 7.095 | HH | 215    | 2186    | 0.07%  | 0.002%  |
| 107    | 7.107 | 7.095 | 7.129 | HH | 157    | 1885    | 0.06%  | 0.002%  |
| 108    | 7.150 | 7.129 | 7.257 | HH | 1919   | 34339   | 1.06%  | 0.035%  |
| 109    | 7.284 | 7.257 | 7.329 | PH | 1645   | 18569   | 0.57%  | 0.019%  |
| 110    | 7.345 | 7.329 | 7.392 | HH | 122    | 799     | 0.02%  | 0.001%  |
| 111    | 7.437 | 7.392 | 7.459 | PH | 343    | 2022    | 0.06%  | 0.002%  |
| 112    | 7.467 | 7.459 | 7.489 | PH | 102    | -726    | -0.02% | -0.001% |
| 113    | 7.498 | 7.489 | 7.514 | PH | -24    | -817    | -0.03% | -0.001% |
| 114    | 7.520 | 7.514 | 7.533 | PH | -29    | -669    | -0.02% | -0.001% |
| 115    | 7.570 | 7.533 | 7.585 | PH | 82     | -736    | -0.02% | -0.001% |
| 116    | 7.597 | 7.585 | 7.637 | PH | 36     | -1767   | -0.05% | -0.002% |
| 117    | 7.649 | 7.637 | 7.683 | PH | -15    | -2434   | -0.08% | -0.002% |
| 118    | 7.696 | 7.683 | 7.705 | PH | -31    | -1493   | -0.05% | -0.002% |
| 119    | 7.729 | 7.705 | 7.757 | PH | 1838   | 16177   | 0.50%  | 0.016%  |
| 120    | 7.766 | 7.757 | 7.774 | PH | -36    | -537    | -0.02% | -0.001% |
| 121    | 7.784 | 7.774 | 7.824 | PH | 8      | -2667   | -0.08% | -0.003% |
| 122    | 7.842 | 7.824 | 7.854 | PH | 63     | 201     | 0.01%  | 0.000%  |
| 123    | 7.894 | 7.854 | 7.979 | HH | 2269   | 27155   | 0.84%  | 0.027%  |
| 124    | 8.031 | 7.979 | 8.110 | PH | 342    | 2402    | 0.07%  | 0.002%  |
| 125    | 8.137 | 8.110 | 8.173 | PH | 562    | 8334    | 0.26%  | 0.008%  |
| 126    | 8.200 | 8.173 | 8.221 | PH | 233    | 2888    | 0.09%  | 0.003%  |
| 127    | 8.244 | 8.221 | 8.257 | PH | 1792   | 19415   | 0.60%  | 0.020%  |
| 128    | 8.273 | 8.257 | 8.290 | HH | 3132   | 39282   | 1.22%  | 0.040%  |
| 129    | 8.303 | 8.290 | 8.342 | HH | 1444   | 23098   | 0.71%  | 0.023%  |
| 130    | 8.358 | 8.342 | 8.377 | HH | 295    | 4855    | 0.15%  | 0.005%  |
| 131    | 8.427 | 8.377 | 8.472 | HH | 1088   | 23556   | 0.73%  | 0.024%  |
| 132    | 8.478 | 8.472 | 8.496 | HH | 116    | 542     | 0.02%  | 0.001%  |
| 133    | 8.518 | 8.496 | 8.554 | PH | 276    | 4331    | 0.13%  | 0.004%  |
| 134    | 8.558 | 8.554 | 8.607 | HH | 120    | 1412    | 0.04%  | 0.001%  |
| 135    | 8.627 | 8.607 | 8.642 | HH | 114    | 1363    | 0.04%  | 0.001%  |
| 136    | 8.673 | 8.642 | 8.700 | HH | 456    | 7329    | 0.23%  | 0.007%  |
| 137    | 8.722 | 8.700 | 8.743 | HH | 6077   | 66441   | 2.06%  | 0.067%  |
| 138    | 8.771 | 8.743 | 8.819 | HH | 1713   | 44881   | 1.39%  | 0.045%  |
| 139    | 8.837 | 8.819 | 8.865 | HH | 488    | 7022    | 0.22%  | 0.007%  |
| 140    | 8.914 | 8.865 | 8.940 | HH | 3492   | 45222   | 1.40%  | 0.045%  |
| 141    | 8.961 | 8.940 | 8.977 | HH | 1245   | 18732   | 0.58%  | 0.019%  |

| rteres |        |        |        |    |       |        |        |         |  |
|--------|--------|--------|--------|----|-------|--------|--------|---------|--|
| 142    | 8.995  | 8.977  | 9.012  | HH | 3186  | 39722  | 1.23%  | 0.040%  |  |
| 143    | 9.024  | 9.012  | 9.067  | HH | 2592  | 39253  | 1.21%  | 0.039%  |  |
| 144    | 9.079  | 9.067  | 9.093  | HH | 362   | 5142   | 0.16%  | 0.005%  |  |
| 145    | 9.124  | 9.093  | 9.151  | HH | 1390  | 22385  | 0.69%  | 0.023%  |  |
| 146    | 9.168  | 9.151  | 9.249  | HH | 663   | 7738   | 0.24%  | 0.008%  |  |
| 147    | 9.284  | 9.249  | 9.304  | PH | 663   | 7468   | 0.23%  | 0.008%  |  |
| 148    | 9.316  | 9.304  | 9.342  | HH | 494   | 5594   | 0.17%  | 0.006%  |  |
| 149    | 9.353  | 9.342  | 9.390  | HH | 86    | 1464   | 0.05%  | 0.001%  |  |
| 150    | 9.421  | 9.390  | 9.430  | PH | 992   | 11354  | 0.35%  | 0.011%  |  |
| 151    | 9.445  | 9.430  | 9.482  | HH | 1936  | 31146  | 0.96%  | 0.031%  |  |
| 152    | 9.505  | 9.482  | 9.548  | HH | 4830  | 66685  | 2.06%  | 0.067%  |  |
| 153    | 9.581  | 9.548  | 9.607  | HH | 1062  | 22744  | 0.70%  | 0.023%  |  |
| 154    | 9.624  | 9.607  | 9.637  | HH | 773   | 9241   | 0.29%  | 0.009%  |  |
| 155    | 9.655  | 9.637  | 9.697  | HH | 1729  | 27162  | 0.84%  | 0.027%  |  |
| 156    | 9.716  | 9.697  | 9.730  | HH | 1104  | 14272  | 0.44%  | 0.014%  |  |
| 157    | 9.741  | 9.730  | 9.759  | HH | 965   | 10151  | 0.31%  | 0.010%  |  |
| 158    | 9.779  | 9.759  | 9.804  | HH | 3468  | 38386  | 1.19%  | 0.039%  |  |
| 159    | 9.825  | 9.804  | 9.859  | HH | 1928  | 30617  | 0.95%  | 0.031%  |  |
| 160    | 9.874  | 9.859  | 9.885  | HH | 421   | 6017   | 0.19%  | 0.006%  |  |
| 161    | 9.925  | 9.885  | 9.972  | HH | 2359  | 52259  | 1.62%  | 0.053%  |  |
| 162    | 9.989  | 9.972  | 10.039 | HH | 580   | 15790  | 0.49%  | 0.016%  |  |
| 163    | 10.054 | 10.039 | 10.065 | PH | 117   | 921    | 0.03%  | 0.001%  |  |
| 164    | 10.092 | 10.065 | 10.132 | HH | 234   | 2504   | 0.08%  | 0.003%  |  |
| 165    | 10.144 | 10.132 | 10.168 | PH | 4     | -937   | -0.03% | -0.001% |  |
| 166    | 10.194 | 10.168 | 10.222 | PH | 45    | -1097  | -0.03% | -0.001% |  |
| 167    | 10.244 | 10.222 | 10.271 | PH | 392   | 4185   | 0.13%  | 0.004%  |  |
| 168    | 10.295 | 10.271 | 10.315 | PH | 634   | 8779   | 0.27%  | 0.009%  |  |
| 169    | 10.344 | 10.315 | 10.366 | HH | 1421  | 28418  | 0.88%  | 0.029%  |  |
| 170    | 10.384 | 10.366 | 10.407 | HH | 1784  | 28201  | 0.87%  | 0.028%  |  |
| 171    | 10.423 | 10.407 | 10.460 | HH | 1210  | 18660  | 0.58%  | 0.019%  |  |
| 172    | 10.501 | 10.460 | 10.537 | HH | 1556  | 40288  | 1.25%  | 0.041%  |  |
| 173    | 10.556 | 10.537 | 10.602 | HH | 3073  | 59764  | 1.85%  | 0.060%  |  |
| 174    | 10.636 | 10.602 | 10.651 | HH | 2248  | 41093  | 1.27%  | 0.041%  |  |
| 175    | 10.668 | 10.651 | 10.682 | HH | 2066  | 27136  | 0.84%  | 0.027%  |  |
| 176    | 10.705 | 10.682 | 10.725 | HH | 3842  | 68160  | 2.11%  | 0.069%  |  |
| 177    | 10.735 | 10.725 | 10.760 | HH | 2009  | 31309  | 0.97%  | 0.031%  |  |
| 178    | 10.775 | 10.760 | 10.784 | HH | 1166  | 14698  | 0.45%  | 0.015%  |  |
| 179    | 10.799 | 10.784 | 10.817 | HH | 1719  | 24629  | 0.76%  | 0.025%  |  |
| 180    | 10.829 | 10.817 | 10.851 | HH | 973   | 16311  | 0.50%  | 0.016%  |  |
| 181    | 10.904 | 10.851 | 10.957 | HH | 72683 | 891343 | 27.59% | 0.897%  |  |
| 182    | 10.978 | 10.957 | 11.048 | HH | 15994 | 249302 | 7.72%  | 0.251%  |  |
| 183    | 11.064 | 11.048 | 11.102 | HH | 1148  | 29654  | 0.92%  | 0.030%  |  |
| 184    | 11.112 | 11.102 | 11.129 | HH | 869   | 11356  | 0.35%  | 0.011%  |  |
| 185    | 11.152 | 11.129 | 11.172 | HH | 1971  | 35425  | 1.10%  | 0.036%  |  |
| 186    | 11.192 | 11.172 | 11.242 | HH | 6342  | 103092 | 3.19%  | 0.104%  |  |
| 187    | 11.263 | 11.242 | 11.282 | HH | 896   | 19188  | 0.59%  | 0.019%  |  |
| 188    | 11.303 | 11.282 | 11.319 | HH | 1347  | 24165  | 0.75%  | 0.024%  |  |
| 189    | 11.336 | 11.319 | 11.379 | HH | 2027  | 46716  | 1.45%  | 0.047%  |  |
| 190    | 11.434 | 11.379 | 11.477 | HH | 2984  | 96889  | 3.00%  | 0.097%  |  |
| 191    | 11.498 | 11.477 | 11.518 | HH | 2275  | 38874  | 1.20%  | 0.039%  |  |
| 192    | 11.532 | 11.518 | 11.544 | HH | 1682  | 22096  | 0.68%  | 0.022%  |  |
| 193    | 11.554 | 11.544 | 11.570 | HH | 1565  | 20531  | 0.64%  | 0.021%  |  |
| 194    | 11.593 | 11.570 | 11.617 | HH | 1985  | 39235  | 1.21%  | 0.039%  |  |

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|-----|--------|--------|--------|----|--------|---------|--------|--------|--|
| 195 | 11.654 | 11.617 | 11.674 | HH | 1550   | 39130   | 1.21%  | 0.039% |  |
| 196 | 11.703 | 11.674 | 11.718 | HH | 8532   | 107150  | 3.32%  | 0.108% |  |
| 197 | 11.734 | 11.718 | 11.779 | HH | 11500  | 172318  | 5.33%  | 0.173% |  |
| 198 | 11.819 | 11.779 | 11.835 | HH | 9476   | 171589  | 5.31%  | 0.173% |  |
| 199 | 11.851 | 11.835 | 11.865 | HH | 5960   | 76965   | 2.38%  | 0.077% |  |
| 200 | 11.882 | 11.865 | 11.913 | HH | 8240   | 124667  | 3.86%  | 0.125% |  |
| 201 | 11.928 | 11.913 | 11.940 | HH | 1591   | 23573   | 0.73%  | 0.024% |  |
| 202 | 11.964 | 11.940 | 11.985 | HH | 2030   | 45880   | 1.42%  | 0.046% |  |
| 203 | 12.006 | 11.985 | 12.034 | HH | 2469   | 56440   | 1.75%  | 0.057% |  |
| 204 | 12.058 | 12.034 | 12.084 | HH | 17324  | 235635  | 7.29%  | 0.237% |  |
| 205 | 12.099 | 12.084 | 12.147 | HH | 3622   | 82130   | 2.54%  | 0.083% |  |
| 206 | 12.172 | 12.147 | 12.222 | HH | 7009   | 134973  | 4.18%  | 0.136% |  |
| 207 | 12.250 | 12.222 | 12.297 | HH | 16654  | 228266  | 7.06%  | 0.230% |  |
| 208 | 12.318 | 12.297 | 12.337 | HH | 2523   | 49972   | 1.55%  | 0.050% |  |
| 209 | 12.369 | 12.337 | 12.389 | HH | 2317   | 60163   | 1.86%  | 0.061% |  |
| 210 | 12.422 | 12.389 | 12.472 | HH | 3024   | 113058  | 3.50%  | 0.114% |  |
| 211 | 12.492 | 12.472 | 12.530 | HH | 3330   | 87333   | 2.70%  | 0.088% |  |
| 212 | 12.555 | 12.530 | 12.576 | HH | 4584   | 90162   | 2.79%  | 0.091% |  |
| 213 | 12.601 | 12.576 | 12.620 | HH | 6009   | 111029  | 3.44%  | 0.112% |  |
| 214 | 12.640 | 12.620 | 12.680 | HH | 5260   | 144324  | 4.47%  | 0.145% |  |
| 215 | 12.718 | 12.680 | 12.770 | HH | 95644  | 1154285 | 35.72% | 1.161% |  |
| 216 | 12.781 | 12.770 | 12.799 | HH | 2669   | 40350   | 1.25%  | 0.041% |  |
| 217 | 12.817 | 12.799 | 12.828 | HH | 2217   | 36188   | 1.12%  | 0.036% |  |
| 218 | 12.873 | 12.828 | 12.889 | HH | 3868   | 104609  | 3.24%  | 0.105% |  |
| 219 | 12.906 | 12.889 | 12.987 | HH | 5357   | 200300  | 6.20%  | 0.201% |  |
| 220 | 13.017 | 12.987 | 13.055 | HH | 81557  | 975517  | 30.19% | 0.981% |  |
| 221 | 13.072 | 13.055 | 13.087 | HH | 10560  | 140555  | 4.35%  | 0.141% |  |
| 222 | 13.103 | 13.087 | 13.169 | HH | 11141  | 250387  | 7.75%  | 0.252% |  |
| 223 | 13.188 | 13.169 | 13.200 | HH | 5196   | 76151   | 2.36%  | 0.077% |  |
| 224 | 13.216 | 13.200 | 13.237 | HH | 6624   | 106465  | 3.30%  | 0.107% |  |
| 225 | 13.253 | 13.237 | 13.265 | HH | 4622   | 64374   | 1.99%  | 0.065% |  |
| 226 | 13.283 | 13.265 | 13.329 | HH | 7031   | 163833  | 5.07%  | 0.165% |  |
| 227 | 13.356 | 13.329 | 13.382 | HH | 3824   | 106399  | 3.29%  | 0.107% |  |
| 228 | 13.412 | 13.382 | 13.430 | HH | 5077   | 108214  | 3.35%  | 0.109% |  |
| 229 | 13.474 | 13.430 | 13.539 | HH | 8131   | 270880  | 8.38%  | 0.273% |  |
| 230 | 13.602 | 13.539 | 13.644 | HH | 13545  | 352437  | 10.91% | 0.355% |  |
| 231 | 13.667 | 13.644 | 13.687 | HH | 4308   | 92139   | 2.85%  | 0.093% |  |
| 232 | 13.712 | 13.687 | 13.732 | HH | 9424   | 162605  | 5.03%  | 0.164% |  |
| 233 | 13.750 | 13.732 | 13.770 | HH | 8306   | 135199  | 4.18%  | 0.136% |  |
| 234 | 13.790 | 13.770 | 13.813 | HH | 9275   | 158056  | 4.89%  | 0.159% |  |
| 235 | 13.838 | 13.813 | 13.860 | HH | 8355   | 166211  | 5.14%  | 0.167% |  |
| 236 | 13.880 | 13.860 | 13.904 | HH | 8478   | 161349  | 4.99%  | 0.162% |  |
| 237 | 13.920 | 13.904 | 13.960 | HH | 8583   | 176039  | 5.45%  | 0.177% |  |
| 238 | 13.995 | 13.960 | 14.015 | HH | 5059   | 131806  | 4.08%  | 0.133% |  |
| 239 | 14.034 | 14.015 | 14.053 | HH | 4064   | 87054   | 2.69%  | 0.088% |  |
| 240 | 14.061 | 14.053 | 14.071 | HH | 3882   | 41522   | 1.29%  | 0.042% |  |
| 241 | 14.079 | 14.071 | 14.094 | HH | 3915   | 53362   | 1.65%  | 0.054% |  |
| 242 | 14.111 | 14.094 | 14.120 | HH | 4031   | 61458   | 1.90%  | 0.062% |  |
| 243 | 14.130 | 14.120 | 14.151 | HH | 4090   | 71587   | 2.22%  | 0.072% |  |
| 244 | 14.162 | 14.151 | 14.175 | HH | 3526   | 49947   | 1.55%  | 0.050% |  |
| 245 | 14.196 | 14.175 | 14.208 | HH | 4216   | 75563   | 2.34%  | 0.076% |  |
| 246 | 14.226 | 14.208 | 14.254 | HH | 5988   | 128922  | 3.99%  | 0.130% |  |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 14.301 | 14.254 | 14.319 | HH | 5703   | 189796  | 5.87%  | 0.191% |
| 248    | 14.338 | 14.319 | 14.367 | HH | 8843   | 176783  | 5.47%  | 0.178% |
| 249    | 14.401 | 14.367 | 14.429 | HH | 12383  | 286209  | 8.86%  | 0.288% |
| 250    | 14.459 | 14.429 | 14.487 | HH | 7094   | 204603  | 6.33%  | 0.206% |
| 251    | 14.515 | 14.487 | 14.554 | HH | 8590   | 258990  | 8.02%  | 0.261% |
| 252    | 14.580 | 14.554 | 14.602 | HH | 14115  | 258538  | 8.00%  | 0.260% |
| 253    | 14.623 | 14.602 | 14.633 | HH | 10003  | 154956  | 4.80%  | 0.156% |
| 254    | 14.643 | 14.633 | 14.675 | HH | 10116  | 190877  | 5.91%  | 0.192% |
| 255    | 14.736 | 14.675 | 14.817 | HH | 186375 | 2814315 | 87.10% | 2.831% |
| 256    | 14.844 | 14.817 | 14.865 | HH | 6834   | 160167  | 4.96%  | 0.161% |
| 257    | 14.892 | 14.865 | 14.913 | HH | 45172  | 623277  | 19.29% | 0.627% |
| 258    | 14.934 | 14.913 | 14.967 | HH | 48918  | 729082  | 22.56% | 0.733% |
| 259    | 15.727 | 15.667 | 15.764 | HH | 10149  | 486331  | 15.05% | 0.489% |
| 260    | 15.054 | 15.010 | 15.102 | HH | 11650  | 374388  | 11.59% | 0.377% |
| 261    | 15.135 | 15.102 | 15.167 | HH | 8608   | 250223  | 7.74%  | 0.252% |
| 262    | 15.196 | 15.167 | 15.218 | HH | 8845   | 209513  | 6.48%  | 0.211% |
| 263    | 15.250 | 15.218 | 15.290 | HH | 8023   | 297689  | 9.21%  | 0.299% |
| 264    | 15.320 | 15.290 | 15.404 | HH | 49077  | 1019281 | 31.55% | 1.025% |
| 265    | 15.460 | 15.404 | 15.499 | HH | 18277  | 511106  | 15.82% | 0.514% |
| 266    | 15.565 | 15.499 | 15.587 | HH | 13602  | 502757  | 15.56% | 0.506% |
| 267    | 15.605 | 15.587 | 15.629 | HH | 9501   | 203384  | 6.29%  | 0.205% |
| 268    | 15.649 | 15.629 | 15.667 | HH | 7662   | 165303  | 5.12%  | 0.166% |
| 269    | 15.727 | 15.667 | 15.764 | HH | 10149  | 486331  | 15.05% | 0.489% |
| 270    | 15.805 | 15.764 | 15.820 | HH | 8318   | 257059  | 7.96%  | 0.259% |
| 271    | 15.835 | 15.820 | 15.867 | HH | 8392   | 206274  | 6.38%  | 0.208% |
| 272    | 15.888 | 15.867 | 15.907 | HH | 8190   | 173634  | 5.37%  | 0.175% |
| 273    | 15.928 | 15.907 | 15.940 | HH | 8889   | 160509  | 4.97%  | 0.161% |
| 274    | 15.961 | 15.940 | 15.985 | HH | 19754  | 342607  | 10.60% | 0.345% |
| 275    | 15.996 | 15.985 | 16.044 | HH | 7886   | 249878  | 7.73%  | 0.251% |
| 276    | 16.063 | 16.044 | 16.081 | HH | 6916   | 152312  | 4.71%  | 0.153% |
| 277    | 16.098 | 16.081 | 16.112 | HH | 7008   | 123011  | 3.81%  | 0.124% |
| 278    | 16.130 | 16.112 | 16.142 | HH | 7204   | 128025  | 3.96%  | 0.129% |
| 279    | 16.184 | 16.142 | 16.221 | HH | 8466   | 373961  | 11.57% | 0.376% |
| 280    | 16.243 | 16.221 | 16.254 | HH | 9395   | 170570  | 5.28%  | 0.172% |
| 281    | 16.270 | 16.254 | 16.302 | HH | 10051  | 262844  | 8.13%  | 0.264% |
| 282    | 16.334 | 16.302 | 16.374 | HH | 17145  | 525646  | 16.27% | 0.529% |
| 283    | 16.386 | 16.374 | 16.407 | HH | 11122  | 203460  | 6.30%  | 0.205% |
| 284    | 16.452 | 16.407 | 16.473 | HH | 50015  | 979430  | 30.31% | 0.985% |
| 285    | 16.482 | 16.473 | 16.510 | HH | 23354  | 364886  | 11.29% | 0.367% |
| 286    | 16.532 | 16.510 | 16.562 | HH | 14741  | 352639  | 10.91% | 0.355% |
| 287    | 16.586 | 16.562 | 16.607 | HH | 15813  | 328415  | 10.16% | 0.330% |
| 288    | 16.621 | 16.607 | 16.637 | HH | 11031  | 188706  | 5.84%  | 0.190% |
| 289    | 16.646 | 16.637 | 16.667 | HH | 10361  | 175145  | 5.42%  | 0.176% |
| 290    | 16.706 | 16.667 | 16.721 | HH | 11977  | 339147  | 10.50% | 0.341% |
| 291    | 16.776 | 16.721 | 16.804 | HH | 32913  | 827798  | 25.62% | 0.833% |
| 292    | 16.833 | 16.804 | 16.880 | HH | 41243  | 835515  | 25.86% | 0.841% |
| 293    | 16.910 | 16.880 | 16.925 | HH | 19574  | 402408  | 12.45% | 0.405% |
| 294    | 16.936 | 16.925 | 16.977 | HH | 16919  | 419815  | 12.99% | 0.422% |
| 295    | 16.987 | 16.977 | 17.022 | HH | 12227  | 290829  | 9.00%  | 0.293% |
| 296    | 17.045 | 17.022 | 17.055 | HH | 10453  | 203531  | 6.30%  | 0.205% |
| 297    | 17.075 | 17.055 | 17.112 | HH | 11369  | 368438  | 11.40% | 0.371% |
| 298    | 17.139 | 17.112 | 17.155 | HH | 10606  | 262754  | 8.13%  | 0.264% |
| 299    | 17.197 | 17.155 | 17.230 | HH | 13107  | 520653  | 16.11% | 0.524% |

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| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 300    | 17.240 | 17.230 | 17.252 | HH | 11517 | 148036  | 4.58%  | 0.149% |
| 301    | 17.274 | 17.252 | 17.319 | HH | 16287 | 511694  | 15.84% | 0.515% |
| 302    | 17.360 | 17.319 | 17.392 | HH | 22674 | 633909  | 19.62% | 0.638% |
| 303    | 17.422 | 17.392 | 17.433 | HH | 11707 | 269490  | 8.34%  | 0.271% |
| 304    | 17.449 | 17.433 | 17.471 | HH | 12791 | 265411  | 8.21%  | 0.267% |
| 305    | 17.494 | 17.471 | 17.518 | HH | 12864 | 334794  | 10.36% | 0.337% |
| 306    | 17.533 | 17.518 | 17.569 | HH | 11820 | 347664  | 10.76% | 0.350% |
| 307    | 17.592 | 17.569 | 17.607 | HH | 12602 | 273756  | 8.47%  | 0.275% |
| 308    | 17.640 | 17.607 | 17.665 | HH | 12265 | 410529  | 12.71% | 0.413% |
| 309    | 17.687 | 17.665 | 17.707 | HH | 11942 | 294614  | 9.12%  | 0.296% |
| 310    | 17.748 | 17.707 | 17.761 | HH | 13536 | 404193  | 12.51% | 0.407% |
| 311    | 17.797 | 17.761 | 17.849 | HH | 20544 | 806987  | 24.98% | 0.812% |
| 312    | 17.887 | 17.849 | 17.905 | HH | 16202 | 497084  | 15.38% | 0.500% |
| 313    | 17.931 | 17.905 | 17.952 | HH | 17239 | 452804  | 14.01% | 0.456% |
| 314    | 17.994 | 17.952 | 18.022 | HH | 18938 | 719609  | 22.27% | 0.724% |
| 315    | 18.042 | 18.022 | 18.090 | HH | 21903 | 742848  | 22.99% | 0.747% |
| 316    | 18.152 | 18.090 | 18.182 | HH | 34400 | 1349253 | 41.76% | 1.357% |
| 317    | 18.207 | 18.182 | 18.274 | HH | 38738 | 1353386 | 41.89% | 1.361% |
| 318    | 18.316 | 18.274 | 18.354 | HH | 25606 | 1030311 | 31.89% | 1.036% |
| 319    | 18.368 | 18.354 | 18.400 | HH | 21069 | 531924  | 16.46% | 0.535% |
| 320    | 18.423 | 18.400 | 18.432 | HH | 18122 | 337414  | 10.44% | 0.339% |
| 321    | 18.459 | 18.432 | 18.512 | HH | 39039 | 1126439 | 34.86% | 1.133% |
| 322    | 18.534 | 18.512 | 18.554 | HH | 17997 | 440058  | 13.62% | 0.443% |
| 323    | 18.589 | 18.554 | 18.605 | HH | 23520 | 633870  | 19.62% | 0.638% |
| 324    | 18.623 | 18.605 | 18.654 | HH | 25891 | 641417  | 19.85% | 0.645% |
| 325    | 18.665 | 18.654 | 18.700 | HH | 18157 | 493302  | 15.27% | 0.496% |
| 326    | 18.730 | 18.700 | 18.744 | HH | 23050 | 531524  | 16.45% | 0.535% |
| 327    | 18.756 | 18.744 | 18.784 | HH | 22044 | 493258  | 15.27% | 0.496% |
| 328    | 18.794 | 18.784 | 18.830 | HH | 18604 | 509048  | 15.75% | 0.512% |
| 329    | 18.852 | 18.830 | 18.870 | HH | 18333 | 433479  | 13.42% | 0.436% |
| 330    | 18.891 | 18.870 | 18.913 | HH | 19301 | 478712  | 14.82% | 0.482% |
| 331    | 18.937 | 18.913 | 18.950 | HH | 19565 | 417198  | 12.91% | 0.420% |
| 332    | 18.993 | 18.950 | 19.032 | HH | 44177 | 1479434 | 45.79% | 1.488% |
| 333    | 19.042 | 19.032 | 19.089 | HH | 26507 | 759366  | 23.50% | 0.764% |
| 334    | 19.130 | 19.089 | 19.159 | HH | 21984 | 872168  | 26.99% | 0.877% |
| 335    | 19.173 | 19.159 | 19.198 | HH | 20558 | 478716  | 14.82% | 0.482% |
| 336    | 19.230 | 19.198 | 19.255 | HH | 25815 | 752550  | 23.29% | 0.757% |
| 337    | 19.269 | 19.255 | 19.292 | HH | 20479 | 446082  | 13.81% | 0.449% |
| 338    | 19.330 | 19.292 | 19.355 | HH | 20515 | 765479  | 23.69% | 0.770% |
| 339    | 19.406 | 19.355 | 19.434 | HH | 23733 | 998593  | 30.91% | 1.005% |
| 340    | 19.521 | 19.434 | 19.570 | HH | 24988 | 1812395 | 56.09% | 1.823% |
| 341    | 19.611 | 19.570 | 19.639 | HH | 28536 | 1014096 | 31.39% | 1.020% |
| 342    | 19.681 | 19.639 | 19.713 | HH | 29699 | 1143104 | 35.38% | 1.150% |
| 343    | 19.777 | 19.713 | 19.844 | HH | 27850 | 1917864 | 59.36% | 1.929% |
| 344    | 19.894 | 19.844 | 19.921 | HH | 24778 | 1096392 | 33.93% | 1.103% |
| 345    | 19.992 | 19.921 | 20.019 | HH | 31577 | 1558120 | 48.22% | 1.567% |
| 346    | 20.039 | 20.019 | 20.108 | HH | 32860 | 1496931 | 46.33% | 1.506% |
| 347    | 20.139 | 20.108 | 20.170 | HH | 29984 | 1021264 | 31.61% | 1.027% |
| 348    | 20.177 | 20.170 | 20.212 | HH | 26111 | 648246  | 20.06% | 0.652% |
| 349    | 20.315 | 20.212 | 20.367 | HH | 55119 | 2874250 | 88.96% | 2.891% |
| 350    | 20.410 | 20.367 | 20.432 | HH | 28137 | 1080452 | 33.44% | 1.087% |
| 351    | 20.466 | 20.432 | 20.478 | HH | 29706 | 794148  | 24.58% | 0.799% |

| rteres                  |        |        |        |    |       |         |          |        |  |
|-------------------------|--------|--------|--------|----|-------|---------|----------|--------|--|
| 352                     | 20.498 | 20.478 | 20.542 | HH | 31660 | 1130241 | 34.98%   | 1.137% |  |
| 353                     | 20.572 | 20.542 | 20.610 | HH | 28884 | 1177449 | 36.44%   | 1.184% |  |
| 354                     | 20.646 | 20.610 | 20.725 | HH | 28935 | 1974906 | 61.12%   | 1.987% |  |
| 355                     | 20.747 | 20.725 | 20.760 | HH | 28313 | 582116  | 18.02%   | 0.586% |  |
| 356                     | 20.814 | 20.760 | 20.848 | HH | 29583 | 1521730 | 47.10%   | 1.531% |  |
| 357                     | 20.884 | 20.848 | 20.962 | HH | 31336 | 1972282 | 61.04%   | 1.984% |  |
| 358                     | 21.017 | 20.962 | 21.085 | HH | 28881 | 2108512 | 65.26%   | 2.121% |  |
| 359                     | 21.108 | 21.085 | 21.161 | HH | 28505 | 1276705 | 39.51%   | 1.284% |  |
| 360                     | 21.201 | 21.161 | 21.254 | HH | 28711 | 1561470 | 48.33%   | 1.571% |  |
| 361                     | 21.315 | 21.254 | 21.350 | HH | 31509 | 1700546 | 52.63%   | 1.711% |  |
| 362                     | 21.402 | 21.350 | 21.537 | HH | 30512 | 3231052 | 100.00%  | 3.250% |  |
| 363                     | 21.566 | 21.537 | 21.595 | HH | 28320 | 985332  | 30.50%   | 0.991% |  |
| 364                     | 21.622 | 21.595 | 21.670 | HH | 28018 | 1231718 | 38.12%   | 1.239% |  |
| 365                     | 21.714 | 21.670 | 21.762 | HH | 28551 | 1537544 | 47.59%   | 1.547% |  |
| 366                     | 21.805 | 21.762 | 21.877 | HH | 30591 | 1982415 | 61.36%   | 1.994% |  |
| Sum of corrected areas: |        |        |        |    |       |         | 99405282 |        |  |

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