

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF090718\  
 Data File : FF002058.D  
 Signal(s) : FID2B.ch  
 Acq On : 08 Sep 2018 05:08  
 Sample : J4825-08 5X  
 Misc :  
 ALS Vial : 83 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         | 2.023       | 1.992        | 2.052      | BH       | 102            | 1105         | 0.02%          | 0.001%        |
| 2         | 2.055       | 2.052        | 2.068      | PH       | 30             | -246         | -0.00%         | -0.000%       |
| 3         | 2.073       | 2.068        | 2.077      | PH       | 83             | -146         | -0.00%         | -0.000%       |
| 4         | 2.091       | 2.077        | 2.106      | PH       | 15             | -210         | -0.00%         | -0.000%       |
| 5         | 2.122       | 2.106        | 2.142      | PH       | -21            | -1179        | -0.02%         | -0.001%       |
| 6         | 2.148       | 2.142        | 2.157      | PH       | 21             | -404         | -0.01%         | -0.000%       |
| 7         | 2.163       | 2.157        | 2.169      | PH       | -57            | -436         | -0.01%         | -0.000%       |
| 8         | 2.176       | 2.169        | 2.185      | PH       | -32            | -584         | -0.01%         | -0.001%       |
| 9         | 2.191       | 2.185        | 2.199      | PH       | -22            | -362         | -0.01%         | -0.000%       |
| 10        | 2.204       | 2.199        | 2.226      | PH       | -20            | -990         | -0.02%         | -0.001%       |
| 11        | 2.255       | 2.226        | 2.260      | PH       | 2              | -905         | -0.01%         | -0.001%       |
| 12        | 2.274       | 2.260        | 2.310      | PH       | 157            | 191          | 0.00%          | 0.000%        |
| 13        | 2.323       | 2.310        | 2.341      | PH       | 95             | -37          | -0.00%         | -0.000%       |
| 14        | 2.361       | 2.341        | 2.379      | PH       | 39             | -936         | -0.02%         | -0.001%       |
| 15        | 2.384       | 2.379        | 2.402      | PH       | -2             | -919         | -0.01%         | -0.001%       |
| 16        | 2.412       | 2.402        | 2.423      | PH       | -24            | -1198        | -0.02%         | -0.001%       |
| 17        | 2.433       | 2.423        | 2.456      | PH       | -25            | -1794        | -0.03%         | -0.002%       |
| 18        | 2.471       | 2.456        | 2.485      | PH       | 12             | -527         | -0.01%         | -0.001%       |
| 19        | 2.489       | 2.485        | 2.494      | PH       | -51            | -411         | -0.01%         | -0.000%       |
| 20        | 2.496       | 2.494        | 2.529      | PH       | -45            | -1832        | -0.03%         | -0.002%       |
| 21        | 2.535       | 2.529        | 2.546      | PH       | -43            | -771         | -0.01%         | -0.001%       |
| 22        | 2.553       | 2.546        | 2.577      | PH       | -29            | -1090        | -0.02%         | -0.001%       |
| 23        | 2.584       | 2.577        | 2.602      | PH       | -54            | -917         | -0.01%         | -0.001%       |
| 24        | 2.607       | 2.602        | 2.621      | PH       | -24            | -742         | -0.01%         | -0.001%       |
| 25        | 2.628       | 2.621        | 2.638      | PH       | -36            | -670         | -0.01%         | -0.001%       |
| 26        | 2.643       | 2.638        | 2.679      | PH       | -27            | -2038        | -0.03%         | -0.002%       |
| 27        | 2.695       | 2.679        | 2.712      | PH       | 45             | -386         | -0.01%         | -0.000%       |
| 28        | 2.720       | 2.712        | 2.726      | PH       | 77             | 121          | 0.00%          | 0.000%        |
| 29        | 2.732       | 2.726        | 2.744      | PH       | 67             | 93           | 0.00%          | 0.000%        |
| 30        | 2.755       | 2.744        | 2.770      | PH       | 73             | -325         | -0.01%         | -0.000%       |
| 31        | 2.776       | 2.770        | 2.791      | PH       | -28            | -714         | -0.01%         | -0.001%       |
| 32        | 2.814       | 2.791        | 2.845      | PH       | 192            | 395          | 0.01%          | 0.000%        |
| 33        | 2.849       | 2.845        | 2.857      | PH       | -15            | -322         | -0.01%         | -0.000%       |
| 34        | 2.859       | 2.857        | 2.874      | PH       | -26            | -702         | -0.01%         | -0.001%       |
| 35        | 2.878       | 2.874        | 2.893      | PH       | -63            | -1138        | -0.02%         | -0.001%       |
| 36        | 2.908       | 2.893        | 2.912      | PH       | -88            | -1483        | -0.02%         | -0.001%       |
| 37        | 2.933       | 2.912        | 2.951      | PH       | -9             | -2202        | -0.04%         | -0.002%       |
| 38        | 2.961       | 2.951        | 2.976      | PH       | -11            | -1134        | -0.02%         | -0.001%       |
| 39        | 2.993       | 2.976        | 3.004      | PH       | 146            | 250          | 0.00%          | 0.000%        |
| 40        | 3.018       | 3.004        | 3.052      | HH       | 342            | 1967         | 0.03%          | 0.002%        |
| 41        | 3.057       | 3.052        | 3.072      | PH       | -54            | -1556        | -0.03%         | -0.001%       |
| 42        | 3.080       | 3.072        | 3.085      | PH       | -123           | -1126        | -0.02%         | -0.001%       |

|     |       |       |       |    |      |        |        |         |
|-----|-------|-------|-------|----|------|--------|--------|---------|
|     |       |       |       |    |      | rteres |        |         |
| 43  | 3.095 | 3.085 | 3.109 | PH | -65  | -1522  | -0.02% | -0.001% |
| 44  | 3.119 | 3.109 | 3.132 | PH | -24  | -904   | -0.01% | -0.001% |
| 45  | 3.142 | 3.132 | 3.164 | PH | 100  | -245   | -0.00% | -0.000% |
| 46  | 3.177 | 3.164 | 3.191 | PH | 167  | 376    | 0.01%  | 0.000%  |
| 47  | 3.205 | 3.191 | 3.221 | PH | 168  | 1453   | 0.02%  | 0.001%  |
| 48  | 3.234 | 3.221 | 3.250 | PH | 79   | 135    | 0.00%  | 0.000%  |
| 49  | 3.265 | 3.250 | 3.307 | PH | 483  | 5447   | 0.09%  | 0.005%  |
| 50  | 3.331 | 3.307 | 3.351 | PH | 422  | 4513   | 0.07%  | 0.004%  |
| 51  | 3.354 | 3.351 | 3.358 | HH | 136  | 448    | 0.01%  | 0.000%  |
| 52  | 3.376 | 3.358 | 3.412 | PH | 1611 | 21777  | 0.35%  | 0.021%  |
| 53  | 3.443 | 3.412 | 3.474 | PH | 1543 | 19518  | 0.32%  | 0.019%  |
| 54  | 3.489 | 3.474 | 3.509 | HH | 302  | 3310   | 0.05%  | 0.003%  |
| 55  | 3.528 | 3.509 | 3.548 | HH | 1442 | 11929  | 0.19%  | 0.011%  |
| 56  | 3.556 | 3.548 | 3.560 | PH | -25  | -352   | -0.01% | -0.000% |
| 57  | 3.584 | 3.560 | 3.592 | PH | 783  | 9200   | 0.15%  | 0.009%  |
| 58  | 3.601 | 3.592 | 3.627 | HH | 748  | 9559   | 0.16%  | 0.009%  |
| 59  | 3.646 | 3.627 | 3.651 | HH | 408  | 3116   | 0.05%  | 0.003%  |
| 60  | 3.682 | 3.651 | 3.704 | HH | 811  | 17036  | 0.28%  | 0.016%  |
| 61  | 3.723 | 3.704 | 3.733 | HH | 765  | 9413   | 0.15%  | 0.009%  |
| 62  | 3.748 | 3.733 | 3.777 | HH | 790  | 13636  | 0.22%  | 0.013%  |
| 63  | 3.791 | 3.777 | 3.803 | HH | 474  | 5016   | 0.08%  | 0.005%  |
| 64  | 3.815 | 3.803 | 3.827 | HH | 465  | 5303   | 0.09%  | 0.005%  |
| 65  | 3.866 | 3.827 | 3.882 | HH | 849  | 20285  | 0.33%  | 0.019%  |
| 66  | 3.901 | 3.882 | 3.937 | HH | 1237 | 17048  | 0.28%  | 0.016%  |
| 67  | 3.970 | 3.937 | 3.992 | HH | 1438 | 18796  | 0.31%  | 0.018%  |
| 68  | 4.021 | 3.992 | 4.033 | HH | 1057 | 18104  | 0.29%  | 0.017%  |
| 69  | 4.048 | 4.033 | 4.067 | HH | 904  | 14356  | 0.23%  | 0.014%  |
| 70  | 4.094 | 4.067 | 4.105 | HH | 671  | 11315  | 0.18%  | 0.011%  |
| 71  | 4.124 | 4.105 | 4.164 | HH | 1386 | 22284  | 0.36%  | 0.021%  |
| 72  | 4.191 | 4.164 | 4.202 | HH | 586  | 10615  | 0.17%  | 0.010%  |
| 73  | 4.221 | 4.202 | 4.232 | HH | 1367 | 19617  | 0.32%  | 0.019%  |
| 74  | 4.249 | 4.232 | 4.297 | HH | 2447 | 64887  | 1.06%  | 0.062%  |
| 75  | 4.316 | 4.297 | 4.348 | HH | 6281 | 88539  | 1.44%  | 0.085%  |
| 76  | 4.371 | 4.348 | 4.401 | HH | 2044 | 51576  | 0.84%  | 0.049%  |
| 77  | 4.437 | 4.401 | 4.463 | HH | 2212 | 63458  | 1.03%  | 0.061%  |
| 78  | 4.477 | 4.463 | 4.501 | HH | 2411 | 38863  | 0.63%  | 0.037%  |
| 79  | 4.517 | 4.501 | 4.553 | HH | 2268 | 46190  | 0.75%  | 0.044%  |
| 80  | 4.583 | 4.553 | 4.601 | HH | 1267 | 26799  | 0.44%  | 0.026%  |
| 81  | 4.614 | 4.601 | 4.626 | HH | 1424 | 17349  | 0.28%  | 0.017%  |
| 82  | 4.637 | 4.626 | 4.651 | HH | 1369 | 18218  | 0.30%  | 0.017%  |
| 83  | 4.673 | 4.651 | 4.692 | HH | 2226 | 38136  | 0.62%  | 0.036%  |
| 84  | 4.700 | 4.692 | 4.719 | HH | 1491 | 19038  | 0.31%  | 0.018%  |
| 85  | 4.743 | 4.719 | 4.748 | HH | 1893 | 23269  | 0.38%  | 0.022%  |
| 86  | 4.761 | 4.748 | 4.791 | HH | 2474 | 46348  | 0.75%  | 0.044%  |
| 87  | 4.808 | 4.791 | 4.832 | HH | 1578 | 29186  | 0.48%  | 0.028%  |
| 88  | 4.859 | 4.832 | 4.873 | HH | 1555 | 27154  | 0.44%  | 0.026%  |
| 89  | 4.888 | 4.873 | 4.899 | HH | 1410 | 20259  | 0.33%  | 0.019%  |
| 90  | 4.915 | 4.899 | 4.948 | HH | 1444 | 35628  | 0.58%  | 0.034%  |
| 91  | 4.964 | 4.948 | 4.969 | HH | 1271 | 14797  | 0.24%  | 0.014%  |
| 92  | 4.982 | 4.969 | 4.989 | HH | 1508 | 16535  | 0.27%  | 0.016%  |
| 93  | 4.999 | 4.989 | 5.021 | HH | 1382 | 22017  | 0.36%  | 0.021%  |
| 94  | 5.035 | 5.021 | 5.051 | HH | 1182 | 18102  | 0.29%  | 0.017%  |
| 95  | 5.058 | 5.051 | 5.081 | HH | 933  | 12485  | 0.20%  | 0.012%  |
| 96  | 5.103 | 5.081 | 5.122 | HH | 2629 | 38577  | 0.63%  | 0.037%  |
| 97  | 5.131 | 5.122 | 5.136 | HH | 1056 | 8187   | 0.13%  | 0.008%  |
| 98  | 5.138 | 5.136 | 5.145 | HH | 1029 | 4965   | 0.08%  | 0.005%  |
| 99  | 5.166 | 5.145 | 5.193 | HH | 1165 | 26212  | 0.43%  | 0.025%  |
| 100 | 5.213 | 5.193 | 5.227 | HH | 1029 | 17562  | 0.29%  | 0.017%  |

|     |       |       |       |    |      |        |        |         |
|-----|-------|-------|-------|----|------|--------|--------|---------|
|     |       |       |       |    |      | rteres |        |         |
| 101 | 5.259 | 5.227 | 5.277 | HH | 2745 | 47858  | 0.78%  | 0.046%  |
| 102 | 5.284 | 5.277 | 5.326 | HH | 1568 | 33489  | 0.55%  | 0.032%  |
| 103 | 5.341 | 5.326 | 5.361 | HH | 1189 | 17370  | 0.28%  | 0.017%  |
| 104 | 5.379 | 5.361 | 5.420 | HH | 1831 | 37582  | 0.61%  | 0.036%  |
| 105 | 5.439 | 5.420 | 5.464 | HH | 910  | 17144  | 0.28%  | 0.016%  |
| 106 | 5.495 | 5.464 | 5.522 | HH | 782  | 17752  | 0.29%  | 0.017%  |
| 107 | 5.545 | 5.522 | 5.557 | HH | 734  | 9276   | 0.15%  | 0.009%  |
| 108 | 5.561 | 5.557 | 5.576 | HH | 509  | 5397   | 0.09%  | 0.005%  |
| 109 | 5.588 | 5.576 | 5.614 | HH | 737  | 11935  | 0.19%  | 0.011%  |
| 110 | 5.618 | 5.614 | 5.632 | HH | 426  | 3635   | 0.06%  | 0.003%  |
| 111 | 5.643 | 5.632 | 5.664 | HH | 614  | 8831   | 0.14%  | 0.008%  |
| 112 | 5.676 | 5.664 | 5.689 | HH | 470  | 6128   | 0.10%  | 0.006%  |
| 113 | 5.692 | 5.689 | 5.701 | HH | 400  | 2711   | 0.04%  | 0.003%  |
| 114 | 5.715 | 5.701 | 5.739 | HH | 540  | 8946   | 0.15%  | 0.009%  |
| 115 | 5.764 | 5.739 | 5.769 | HH | 485  | 6460   | 0.11%  | 0.006%  |
| 116 | 5.780 | 5.769 | 5.791 | HH | 619  | 7272   | 0.12%  | 0.007%  |
| 117 | 5.803 | 5.791 | 5.841 | HH | 674  | 12789  | 0.21%  | 0.012%  |
| 118 | 5.845 | 5.841 | 5.850 | HH | 220  | 888    | 0.01%  | 0.001%  |
| 119 | 5.853 | 5.850 | 5.855 | HH | 194  | 488    | 0.01%  | 0.000%  |
| 120 | 5.874 | 5.855 | 5.894 | HH | 352  | 5304   | 0.09%  | 0.005%  |
| 121 | 5.904 | 5.894 | 5.927 | HH | 206  | 2205   | 0.04%  | 0.002%  |
| 122 | 5.948 | 5.927 | 5.987 | HH | 423  | 6930   | 0.11%  | 0.007%  |
| 123 | 5.998 | 5.987 | 6.004 | HH | 245  | 1731   | 0.03%  | 0.002%  |
| 124 | 6.008 | 6.004 | 6.019 | HH | 202  | 1476   | 0.02%  | 0.001%  |
| 125 | 6.022 | 6.019 | 6.038 | HH | 221  | 1422   | 0.02%  | 0.001%  |
| 126 | 6.042 | 6.038 | 6.069 | HH | 82   | 555    | 0.01%  | 0.001%  |
| 127 | 6.099 | 6.069 | 6.119 | PH | 248  | 3387   | 0.06%  | 0.003%  |
| 128 | 6.142 | 6.119 | 6.155 | PH | 71   | 589    | 0.01%  | 0.001%  |
| 129 | 6.158 | 6.155 | 6.179 | PH | 39   | -568   | -0.01% | -0.001% |
| 130 | 6.186 | 6.179 | 6.201 | PH | 17   | -725   | -0.01% | -0.001% |
| 131 | 6.220 | 6.201 | 6.258 | PH | 453  | 4062   | 0.07%  | 0.004%  |
| 132 | 6.289 | 6.258 | 6.299 | PH | -106 | -3922  | -0.06% | -0.004% |
| 133 | 6.305 | 6.299 | 6.307 | PH | -112 | -698   | -0.01% | -0.001% |
| 134 | 6.311 | 6.307 | 6.336 | PH | -67  | -3420  | -0.06% | -0.003% |
| 135 | 6.341 | 6.336 | 6.370 | PH | -219 | -4906  | -0.08% | -0.005% |
| 136 | 6.377 | 6.370 | 6.400 | PH | -139 | -4123  | -0.07% | -0.004% |
| 137 | 6.404 | 6.400 | 6.424 | PH | -234 | -4356  | -0.07% | -0.004% |
| 138 | 6.435 | 6.424 | 6.447 | PH | -289 | -4504  | -0.07% | -0.004% |
| 139 | 6.452 | 6.447 | 6.466 | PH | -276 | -3441  | -0.06% | -0.003% |
| 140 | 6.479 | 6.466 | 6.491 | PH | -274 | -4907  | -0.08% | -0.005% |
| 141 | 6.500 | 6.491 | 6.525 | PH | -275 | -6523  | -0.11% | -0.006% |
| 142 | 6.544 | 6.525 | 6.556 | PH | -218 | -5536  | -0.09% | -0.005% |
| 143 | 6.577 | 6.556 | 6.606 | PH | -234 | -8616  | -0.14% | -0.008% |
| 144 | 6.621 | 6.606 | 6.646 | PH | -200 | -7242  | -0.12% | -0.007% |
| 145 | 6.651 | 6.646 | 6.655 | PH | -229 | -1538  | -0.03% | -0.001% |
| 146 | 6.662 | 6.655 | 6.672 | PH | -282 | -3328  | -0.05% | -0.003% |
| 147 | 6.681 | 6.672 | 6.696 | PH | -280 | -4637  | -0.08% | -0.004% |
| 148 | 6.697 | 6.696 | 6.731 | PH | -324 | -8263  | -0.13% | -0.008% |
| 149 | 6.770 | 6.731 | 6.792 | PH | -53  | -11203 | -0.18% | -0.011% |
| 150 | 6.796 | 6.792 | 6.804 | PH | -339 | -2621  | -0.04% | -0.003% |
| 151 | 6.808 | 6.804 | 6.826 | PH | -343 | -4840  | -0.08% | -0.005% |
| 152 | 6.829 | 6.826 | 6.834 | PH | -292 | -1794  | -0.03% | -0.002% |
| 153 | 6.839 | 6.834 | 6.851 | PH | -354 | -3762  | -0.06% | -0.004% |
| 154 | 6.856 | 6.851 | 6.871 | PH | -301 | -4289  | -0.07% | -0.004% |
| 155 | 6.876 | 6.871 | 6.908 | PH | -367 | -8833  | -0.14% | -0.008% |
| 156 | 6.919 | 6.908 | 6.939 | PH | -308 | -6494  | -0.11% | -0.006% |
| 157 | 6.942 | 6.939 | 6.949 | PH | -297 | -1999  | -0.03% | -0.002% |
| 158 | 6.955 | 6.949 | 6.973 | PH | -306 | -5056  | -0.08% | -0.005% |
| 159 | 6.977 | 6.973 | 6.981 | PH | -351 | -1995  | -0.03% | -0.002% |

|     |       |       |       |    |      |                 |        |         |
|-----|-------|-------|-------|----|------|-----------------|--------|---------|
| 160 | 6.998 | 6.981 | 7.004 | PH | -270 | rteres<br>-4504 | -0.07% | -0.004% |
| 161 | 7.005 | 7.004 | 7.044 | PH | -273 | -8054           | -0.13% | -0.008% |
| 162 | 7.061 | 7.044 | 7.076 | PH | -306 | -6801           | -0.11% | -0.007% |
| 163 | 7.084 | 7.076 | 7.092 | PH | -298 | -3424           | -0.06% | -0.003% |
| 164 | 7.101 | 7.092 | 7.106 | PH | -316 | -2834           | -0.05% | -0.003% |
| 165 | 7.111 | 7.106 | 7.123 | PH | -273 | -3688           | -0.06% | -0.004% |
| 166 | 7.139 | 7.123 | 7.147 | PH | -318 | -5685           | -0.09% | -0.005% |
| 167 | 7.151 | 7.147 | 7.161 | PH | -285 | -2570           | -0.04% | -0.002% |
| 168 | 7.164 | 7.161 | 7.191 | PH | -235 | -6950           | -0.11% | -0.007% |
| 169 | 7.213 | 7.191 | 7.221 | PH | -364 | -7464           | -0.12% | -0.007% |
| 170 | 7.243 | 7.221 | 7.247 | PH | -308 | -5956           | -0.10% | -0.006% |
| 171 | 7.255 | 7.247 | 7.273 | PH | -197 | -4447           | -0.07% | -0.004% |
| 172 | 7.283 | 7.273 | 7.295 | PH | -388 | -5226           | -0.09% | -0.005% |
| 173 | 7.314 | 7.295 | 7.326 | PH | -305 | -6844           | -0.11% | -0.007% |
| 174 | 7.342 | 7.326 | 7.362 | PH | -336 | -8260           | -0.13% | -0.008% |
| 175 | 7.366 | 7.362 | 7.385 | PH | -341 | -5544           | -0.09% | -0.005% |
| 176 | 7.403 | 7.385 | 7.424 | PH | -242 | -7759           | -0.13% | -0.007% |
| 177 | 7.428 | 7.424 | 7.464 | PH | -225 | -8008           | -0.13% | -0.008% |
| 178 | 7.567 | 7.464 | 7.579 | PH | -262 | -26991          | -0.44% | -0.026% |
| 179 | 7.580 | 7.579 | 7.585 | PH | -269 | -1302           | -0.02% | -0.001% |
| 180 | 7.602 | 7.585 | 7.631 | PH | -285 | -9322           | -0.15% | -0.009% |
| 181 | 7.635 | 7.631 | 7.642 | PH | -349 | -2319           | -0.04% | -0.002% |
| 182 | 7.646 | 7.642 | 7.653 | PH | -367 | -2727           | -0.04% | -0.003% |
| 183 | 7.676 | 7.653 | 7.701 | PH | -135 | -9588           | -0.16% | -0.009% |
| 184 | 7.723 | 7.701 | 7.749 | PH | -330 | -10899          | -0.18% | -0.010% |
| 185 | 7.757 | 7.749 | 7.764 | PH | -315 | -3382           | -0.06% | -0.003% |
| 186 | 7.780 | 7.764 | 7.785 | PH | -241 | -4009           | -0.07% | -0.004% |
| 187 | 7.831 | 7.785 | 7.847 | PH | 229  | -3230           | -0.05% | -0.003% |
| 188 | 7.861 | 7.847 | 7.926 | HH | 244  | 49              | 0.00%  | 0.000%  |
| 189 | 7.955 | 7.926 | 8.087 | PH | 2774 | 126525          | 2.06%  | 0.121%  |
| 190 | 8.093 | 8.087 | 8.122 | HH | 455  | 6828            | 0.11%  | 0.007%  |
| 191 | 8.126 | 8.122 | 8.149 | HH | 295  | 2708            | 0.04%  | 0.003%  |
| 192 | 8.158 | 8.149 | 8.169 | PH | 172  | 1214            | 0.02%  | 0.001%  |
| 193 | 8.176 | 8.169 | 8.192 | HH | 98   | 1077            | 0.02%  | 0.001%  |
| 194 | 8.198 | 8.192 | 8.204 | HH | 178  | 909             | 0.01%  | 0.001%  |
| 195 | 8.212 | 8.204 | 8.244 | HH | 250  | 1428            | 0.02%  | 0.001%  |
| 196 | 8.281 | 8.244 | 8.301 | PH | 271  | 2943            | 0.05%  | 0.003%  |
| 197 | 8.305 | 8.301 | 8.326 | PH | 54   | -22             | -0.00% | -0.000% |
| 198 | 8.331 | 8.326 | 8.341 | PH | 28   | -203            | -0.00% | -0.000% |
| 199 | 8.348 | 8.341 | 8.362 | PH | 42   | -351            | -0.01% | -0.000% |
| 200 | 8.386 | 8.362 | 8.430 | PH | 209  | -1061           | -0.02% | -0.001% |
| 201 | 8.446 | 8.430 | 8.452 | PH | -27  | -1235           | -0.02% | -0.001% |
| 202 | 8.454 | 8.452 | 8.466 | PH | -35  | -932            | -0.02% | -0.001% |
| 203 | 8.472 | 8.466 | 8.492 | PH | -105 | -2248           | -0.04% | -0.002% |
| 204 | 8.514 | 8.492 | 8.526 | PH | -30  | -2047           | -0.03% | -0.002% |
| 205 | 8.532 | 8.526 | 8.543 | PH | -34  | -843            | -0.01% | -0.001% |
| 206 | 8.581 | 8.543 | 8.649 | PH | 1089 | 13143           | 0.21%  | 0.013%  |
| 207 | 8.653 | 8.649 | 8.663 | PH | -124 | -921            | -0.01% | -0.001% |
| 208 | 8.686 | 8.663 | 8.752 | PH | 141  | -4130           | -0.07% | -0.004% |
| 209 | 8.755 | 8.752 | 8.770 | PH | -145 | -2034           | -0.03% | -0.002% |
| 210 | 8.780 | 8.770 | 8.799 | PH | -173 | -3841           | -0.06% | -0.004% |
| 211 | 8.807 | 8.799 | 8.828 | PH | -113 | -3310           | -0.05% | -0.003% |
| 212 | 8.862 | 8.828 | 8.886 | PH | 7    | -4533           | -0.07% | -0.004% |
| 213 | 8.907 | 8.886 | 8.934 | PH | -125 | -5482           | -0.09% | -0.005% |
| 214 | 8.953 | 8.934 | 8.979 | PH | -102 | -4848           | -0.08% | -0.005% |
| 215 | 8.996 | 8.979 | 9.012 | PH | -132 | -3361           | -0.05% | -0.003% |
| 216 | 9.043 | 9.012 | 9.089 | PH | -78  | -6661           | -0.11% | -0.006% |
| 217 | 9.116 | 9.089 | 9.125 | PH | -67  | -2746           | -0.04% | -0.003% |

|     |        |        |        |    |       |        |        |         |
|-----|--------|--------|--------|----|-------|--------|--------|---------|
|     |        |        |        |    |       | rteres |        |         |
| 218 | 9.143  | 9.125  | 9.152  | PH | -104  | -1696  | -0.03% | -0.002% |
| 219 | 9.229  | 9.152  | 9.246  | PH | 75    | -1534  | -0.02% | -0.001% |
| 220 | 9.277  | 9.246  | 9.366  | PH | 41    | -4410  | -0.07% | -0.004% |
| 221 | 9.373  | 9.366  | 9.384  | PH | -78   | -848   | -0.01% | -0.001% |
| 222 | 9.393  | 9.384  | 9.422  | PH | -33   | -1364  | -0.02% | -0.001% |
| 223 | 9.454  | 9.422  | 9.497  | PH | 234   | 1713   | 0.03%  | 0.002%  |
| 224 | 9.500  | 9.497  | 9.565  | PH | 58    | -2885  | -0.05% | -0.003% |
| 225 | 9.572  | 9.565  | 9.599  | PH | -61   | -1642  | -0.03% | -0.002% |
| 226 | 9.667  | 9.599  | 9.734  | PH | 30    | -1872  | -0.03% | -0.002% |
| 227 | 9.790  | 9.734  | 9.798  | PH | 60    | -549   | -0.01% | -0.001% |
| 228 | 9.832  | 9.798  | 9.867  | PH | 343   | 7194   | 0.12%  | 0.007%  |
| 229 | 9.929  | 9.867  | 9.967  | HH | 579   | 17702  | 0.29%  | 0.017%  |
| 230 | 9.975  | 9.967  | 9.992  | HH | 361   | 4251   | 0.07%  | 0.004%  |
| 231 | 10.006 | 9.992  | 10.036 | HH | 380   | 6345   | 0.10%  | 0.006%  |
| 232 | 10.089 | 10.036 | 10.144 | HH | 466   | 21619  | 0.35%  | 0.021%  |
| 233 | 10.187 | 10.144 | 10.217 | HH | 664   | 20274  | 0.33%  | 0.019%  |
| 234 | 10.251 | 10.217 | 10.277 | HH | 800   | 19031  | 0.31%  | 0.018%  |
| 235 | 10.291 | 10.277 | 10.344 | HH | 662   | 20180  | 0.33%  | 0.019%  |
| 236 | 10.351 | 10.344 | 10.364 | HH | 434   | 4865   | 0.08%  | 0.005%  |
| 237 | 10.397 | 10.364 | 10.432 | HH | 640   | 20525  | 0.33%  | 0.020%  |
| 238 | 10.442 | 10.432 | 10.467 | HH | 574   | 9289   | 0.15%  | 0.009%  |
| 239 | 10.527 | 10.467 | 10.630 | HH | 1803  | 131935 | 2.15%  | 0.126%  |
| 240 | 10.644 | 10.630 | 10.727 | HH | 1378  | 69667  | 1.13%  | 0.067%  |
| 241 | 10.734 | 10.727 | 10.774 | HH | 1078  | 27657  | 0.45%  | 0.026%  |
| 242 | 10.798 | 10.774 | 10.808 | HH | 987   | 19173  | 0.31%  | 0.018%  |
| 243 | 10.826 | 10.808 | 10.857 | HH | 982   | 27961  | 0.46%  | 0.027%  |
| 244 | 10.884 | 10.857 | 10.916 | HH | 1341  | 39965  | 0.65%  | 0.038%  |
| 245 | 10.968 | 10.916 | 11.006 | HH | 1468  | 59638  | 0.97%  | 0.057%  |
| 246 | 11.049 | 11.006 | 11.061 | HH | 1090  | 33951  | 0.55%  | 0.032%  |
| 247 | 11.075 | 11.061 | 11.129 | HH | 1113  | 43416  | 0.71%  | 0.042%  |
| 248 | 11.150 | 11.129 | 11.164 | HH | 1172  | 23164  | 0.38%  | 0.022%  |
| 249 | 11.174 | 11.164 | 11.204 | HH | 1232  | 27207  | 0.44%  | 0.026%  |
| 250 | 11.301 | 11.204 | 11.307 | HH | 1504  | 77212  | 1.26%  | 0.074%  |
| 251 | 11.385 | 11.307 | 11.417 | HH | 2128  | 123550 | 2.01%  | 0.118%  |
| 252 | 11.465 | 11.417 | 11.494 | HH | 2259  | 97814  | 1.59%  | 0.094%  |
| 253 | 11.504 | 11.494 | 11.519 | HH | 2134  | 31773  | 0.52%  | 0.030%  |
| 254 | 11.524 | 11.519 | 11.537 | HH | 2227  | 23035  | 0.38%  | 0.022%  |
| 255 | 11.553 | 11.537 | 11.611 | HH | 2300  | 86446  | 1.41%  | 0.083%  |
| 256 | 11.625 | 11.611 | 11.633 | HH | 1804  | 22772  | 0.37%  | 0.022%  |
| 257 | 11.659 | 11.633 | 11.714 | HH | 1872  | 84715  | 1.38%  | 0.081%  |
| 258 | 11.738 | 11.714 | 11.756 | HH | 1955  | 45168  | 0.74%  | 0.043%  |
| 259 | 11.761 | 11.756 | 11.787 | HH | 1869  | 34653  | 0.56%  | 0.033%  |
| 260 | 11.847 | 11.787 | 11.872 | HH | 2131  | 101125 | 1.65%  | 0.097%  |
| 261 | 11.926 | 11.872 | 11.949 | HH | 2334  | 100281 | 1.63%  | 0.096%  |
| 262 | 11.960 | 11.949 | 11.984 | HH | 2210  | 45443  | 0.74%  | 0.043%  |
| 263 | 12.019 | 11.984 | 12.037 | HH | 2334  | 69217  | 1.13%  | 0.066%  |
| 264 | 12.091 | 12.037 | 12.123 | HH | 2535  | 121708 | 1.98%  | 0.116%  |
| 265 | 12.187 | 12.123 | 12.230 | HH | 3626  | 191353 | 3.12%  | 0.183%  |
| 266 | 12.283 | 12.230 | 12.425 | HH | 9052  | 551776 | 8.99%  | 0.528%  |
| 267 | 12.478 | 12.425 | 12.527 | HH | 3432  | 196400 | 3.20%  | 0.188%  |
| 268 | 12.571 | 12.527 | 12.709 | HH | 10001 | 608806 | 9.92%  | 0.582%  |
| 269 | 12.720 | 12.709 | 12.736 | HH | 4270  | 67559  | 1.10%  | 0.065%  |
| 270 | 12.741 | 12.736 | 12.768 | HH | 4280  | 78302  | 1.28%  | 0.075%  |
| 271 | 12.798 | 12.768 | 12.821 | HH | 4556  | 132993 | 2.17%  | 0.127%  |
| 272 | 12.849 | 12.821 | 12.876 | HH | 4031  | 127388 | 2.07%  | 0.122%  |
| 273 | 12.899 | 12.876 | 12.906 | HH | 3967  | 69869  | 1.14%  | 0.067%  |
| 274 | 12.922 | 12.906 | 12.969 | HH | 4211  | 155230 | 2.53%  | 0.148%  |
| 275 | 13.068 | 12.969 | 13.114 | HH | 4902  | 382068 | 6.22%  | 0.365%  |

|     |        |        |        |    |       |        |        |        |
|-----|--------|--------|--------|----|-------|--------|--------|--------|
|     |        |        |        |    |       | rteres |        |        |
| 276 | 13.149 | 13.114 | 13.166 | HH | 4850  | 141545 | 2.31%  | 0.135% |
| 277 | 13.208 | 13.166 | 13.267 | HH | 5198  | 302372 | 4.92%  | 0.289% |
| 278 | 13.288 | 13.267 | 13.311 | HH | 5084  | 128375 | 2.09%  | 0.123% |
| 279 | 13.340 | 13.311 | 13.361 | HH | 6152  | 169430 | 2.76%  | 0.162% |
| 280 | 13.377 | 13.361 | 13.411 | HH | 5985  | 167280 | 2.72%  | 0.160% |
| 281 | 13.444 | 13.411 | 13.481 | HH | 5766  | 231697 | 3.77%  | 0.222% |
| 282 | 13.501 | 13.481 | 13.546 | HH | 5650  | 214678 | 3.50%  | 0.205% |
| 283 | 13.558 | 13.546 | 13.586 | HH | 5434  | 127681 | 2.08%  | 0.122% |
| 284 | 13.606 | 13.586 | 13.634 | HH | 5730  | 158530 | 2.58%  | 0.152% |
| 285 | 13.661 | 13.634 | 13.669 | HH | 5357  | 111719 | 1.82%  | 0.107% |
| 286 | 13.680 | 13.669 | 13.696 | HH | 5488  | 85778  | 1.40%  | 0.082% |
| 287 | 13.718 | 13.696 | 13.728 | HH | 5471  | 102979 | 1.68%  | 0.098% |
| 288 | 13.754 | 13.728 | 13.764 | HH | 5946  | 124985 | 2.04%  | 0.120% |
| 289 | 13.791 | 13.764 | 13.825 | HH | 6108  | 217313 | 3.54%  | 0.208% |
| 290 | 13.859 | 13.825 | 13.881 | HH | 6252  | 197052 | 3.21%  | 0.188% |
| 291 | 13.889 | 13.881 | 13.897 | HH | 5882  | 57669  | 0.94%  | 0.055% |
| 292 | 13.937 | 13.897 | 13.957 | HH | 7042  | 227765 | 3.71%  | 0.218% |
| 293 | 13.977 | 13.957 | 13.994 | HH | 6547  | 140145 | 2.28%  | 0.134% |
| 294 | 14.067 | 13.994 | 14.105 | HH | 6830  | 440828 | 7.18%  | 0.422% |
| 295 | 14.158 | 14.105 | 14.202 | HH | 7829  | 424672 | 6.92%  | 0.406% |
| 296 | 14.210 | 14.202 | 14.230 | HH | 7342  | 118430 | 1.93%  | 0.113% |
| 297 | 14.274 | 14.230 | 14.316 | HH | 28381 | 677275 | 11.03% | 0.648% |
| 298 | 14.323 | 14.316 | 14.364 | HH | 7457  | 211329 | 3.44%  | 0.202% |
| 299 | 14.376 | 14.364 | 14.406 | HH | 7351  | 180801 | 2.94%  | 0.173% |
| 300 | 14.440 | 14.406 | 14.455 | HH | 8951  | 239217 | 3.90%  | 0.229% |
| 301 | 14.480 | 14.455 | 14.499 | HH | 12302 | 282046 | 4.59%  | 0.270% |
| 302 | 14.516 | 14.499 | 14.602 | HH | 11914 | 633030 | 10.31% | 0.605% |
| 303 | 14.614 | 14.602 | 14.657 | HH | 8995  | 281584 | 4.59%  | 0.269% |
| 304 | 14.667 | 14.657 | 14.696 | HH | 8212  | 184130 | 3.00%  | 0.176% |
| 305 | 14.703 | 14.696 | 14.734 | HH | 8019  | 181318 | 2.95%  | 0.173% |
| 306 | 14.765 | 14.734 | 14.796 | HH | 8020  | 293075 | 4.77%  | 0.280% |
| 307 | 14.810 | 14.796 | 14.826 | HH | 8167  | 141479 | 2.30%  | 0.135% |
| 308 | 14.868 | 14.826 | 14.947 | HH | 18628 | 829683 | 13.51% | 0.793% |
| 309 | 14.958 | 14.947 | 14.970 | HH | 8855  | 118495 | 1.93%  | 0.113% |
| 310 | 15.003 | 14.970 | 15.022 | HH | 11416 | 314211 | 5.12%  | 0.300% |
| 311 | 15.042 | 15.022 | 15.070 | HH | 13923 | 324104 | 5.28%  | 0.310% |
| 312 | 15.086 | 15.070 | 15.116 | HH | 8880  | 238764 | 3.89%  | 0.228% |
| 313 | 15.184 | 15.116 | 15.194 | HH | 9360  | 418909 | 6.82%  | 0.401% |
| 314 | 15.202 | 15.194 | 15.221 | HH | 9441  | 146926 | 2.39%  | 0.140% |
| 315 | 15.303 | 15.221 | 15.372 | HH | 9991  | 861880 | 14.04% | 0.824% |
| 316 | 15.380 | 15.372 | 15.444 | HH | 9613  | 396665 | 6.46%  | 0.379% |
| 317 | 15.493 | 15.444 | 15.536 | HH | 12186 | 553698 | 9.02%  | 0.529% |
| 318 | 15.548 | 15.536 | 15.584 | HH | 9698  | 271850 | 4.43%  | 0.260% |
| 319 | 15.605 | 15.584 | 15.627 | HH | 9463  | 242048 | 3.94%  | 0.231% |
| 320 | 15.662 | 15.627 | 15.692 | HH | 10176 | 375422 | 6.11%  | 0.359% |
| 321 | 15.769 | 15.692 | 15.789 | HH | 11550 | 596919 | 9.72%  | 0.571% |
| 322 | 15.816 | 15.789 | 15.839 | HH | 10944 | 319893 | 5.21%  | 0.306% |
| 323 | 15.843 | 15.839 | 15.852 | HH | 10377 | 83065  | 1.35%  | 0.079% |
| 324 | 15.885 | 15.852 | 15.933 | HH | 12344 | 544242 | 8.86%  | 0.520% |
| 325 | 15.976 | 15.933 | 16.007 | HH | 13956 | 522462 | 8.51%  | 0.500% |
| 326 | 16.036 | 16.007 | 16.121 | HH | 16593 | 948364 | 15.45% | 0.907% |
| 327 | 16.130 | 16.121 | 16.155 | HH | 13017 | 260787 | 4.25%  | 0.249% |
| 328 | 16.169 | 16.155 | 16.182 | HH | 12696 | 203718 | 3.32%  | 0.195% |
| 329 | 16.195 | 16.182 | 16.234 | HH | 12572 | 376263 | 6.13%  | 0.360% |
| 330 | 16.251 | 16.234 | 16.312 | HH | 12006 | 550532 | 8.97%  | 0.526% |
| 331 | 16.357 | 16.312 | 16.407 | HH | 14965 | 748385 | 12.19% | 0.716% |
| 332 | 16.440 | 16.407 | 16.461 | HH | 21377 | 561684 | 9.15%  | 0.537% |
| 333 | 16.480 | 16.461 | 16.532 | HH | 20877 | 681484 | 11.10% | 0.652% |
| 334 | 16.536 | 16.532 | 16.577 | HH | 13513 | 356128 | 5.80%  | 0.341% |

|     |        |        |        |    |       |                  |         |        |
|-----|--------|--------|--------|----|-------|------------------|---------|--------|
| 335 | 16.601 | 16.577 | 16.609 | HH | 13211 | rteres<br>248591 | 4.05%   | 0.238% |
| 336 | 16.644 | 16.609 | 16.701 | HH | 13823 | 732060           | 11.92%  | 0.700% |
| 337 | 16.735 | 16.701 | 16.758 | HH | 13635 | 459017           | 7.48%   | 0.439% |
| 338 | 16.819 | 16.758 | 16.859 | HH | 15243 | 851517           | 13.87%  | 0.814% |
| 339 | 16.891 | 16.859 | 16.926 | HH | 20038 | 634436           | 10.33%  | 0.607% |
| 340 | 16.977 | 16.926 | 17.003 | HH | 14724 | 653975           | 10.65%  | 0.625% |
| 341 | 17.017 | 17.003 | 17.031 | HH | 13812 | 226436           | 3.69%   | 0.217% |
| 342 | 17.046 | 17.031 | 17.057 | HH | 13795 | 214768           | 3.50%   | 0.205% |
| 343 | 17.083 | 17.057 | 17.112 | HH | 14058 | 458024           | 7.46%   | 0.438% |
| 344 | 17.130 | 17.112 | 17.164 | HH | 14220 | 437376           | 7.12%   | 0.418% |
| 345 | 17.200 | 17.164 | 17.229 | HH | 14452 | 553262           | 9.01%   | 0.529% |
| 346 | 17.238 | 17.229 | 17.247 | HH | 14390 | 156386           | 2.55%   | 0.150% |
| 347 | 17.273 | 17.247 | 17.291 | HH | 15195 | 384219           | 6.26%   | 0.367% |
| 348 | 17.326 | 17.291 | 17.364 | HH | 21966 | 736905           | 12.00%  | 0.705% |
| 349 | 17.429 | 17.364 | 17.511 | HH | 16918 | 1370428          | 22.32%  | 1.310% |
| 350 | 17.533 | 17.511 | 17.562 | HH | 15685 | 476441           | 7.76%   | 0.456% |
| 351 | 17.600 | 17.562 | 17.651 | HH | 17316 | 876794           | 14.28%  | 0.838% |
| 352 | 17.697 | 17.651 | 17.726 | HH | 21158 | 843715           | 13.74%  | 0.807% |
| 353 | 17.747 | 17.726 | 17.778 | HH | 25500 | 659944           | 10.75%  | 0.631% |
| 354 | 17.795 | 17.778 | 17.810 | HH | 18264 | 336064           | 5.47%   | 0.321% |
| 355 | 17.836 | 17.810 | 17.914 | HH | 19561 | 1141847          | 18.60%  | 1.092% |
| 356 | 18.009 | 17.914 | 18.043 | HH | 18873 | 1373553          | 22.37%  | 1.313% |
| 357 | 18.069 | 18.043 | 18.112 | HH | 20246 | 811761           | 13.22%  | 0.776% |
| 358 | 18.159 | 18.112 | 18.206 | HH | 28132 | 1271626          | 20.71%  | 1.216% |
| 359 | 18.219 | 18.206 | 18.231 | HH | 20297 | 299188           | 4.87%   | 0.286% |
| 360 | 18.257 | 18.231 | 18.294 | HH | 21786 | 794485           | 12.94%  | 0.760% |
| 361 | 18.311 | 18.294 | 18.334 | HH | 20972 | 501568           | 8.17%   | 0.480% |
| 362 | 18.369 | 18.334 | 18.379 | HH | 20735 | 554239           | 9.03%   | 0.530% |
| 363 | 18.414 | 18.379 | 18.447 | HH | 21510 | 868431           | 14.14%  | 0.830% |
| 364 | 18.551 | 18.447 | 18.596 | HH | 28147 | 2091893          | 34.07%  | 2.000% |
| 365 | 18.651 | 18.596 | 18.672 | HH | 22249 | 1010227          | 16.45%  | 0.966% |
| 366 | 18.715 | 18.672 | 18.784 | HH | 28269 | 1624664          | 26.46%  | 1.553% |
| 367 | 18.799 | 18.784 | 18.814 | HH | 23507 | 424861           | 6.92%   | 0.406% |
| 368 | 18.839 | 18.814 | 18.866 | HH | 23844 | 730976           | 11.91%  | 0.699% |
| 369 | 18.886 | 18.866 | 18.896 | HH | 23817 | 425786           | 6.93%   | 0.407% |
| 370 | 18.936 | 18.896 | 18.971 | HH | 28474 | 1149678          | 18.72%  | 1.099% |
| 371 | 18.988 | 18.971 | 19.009 | HH | 25294 | 570197           | 9.29%   | 0.545% |
| 372 | 19.045 | 19.009 | 19.077 | HH | 25767 | 1041326          | 16.96%  | 0.996% |
| 373 | 19.128 | 19.077 | 19.136 | HH | 25804 | 895294           | 14.58%  | 0.856% |
| 374 | 19.233 | 19.136 | 19.281 | HH | 36158 | 2525594          | 41.13%  | 2.415% |
| 375 | 19.315 | 19.281 | 19.382 | HH | 31555 | 1818987          | 29.63%  | 1.739% |
| 376 | 19.425 | 19.382 | 19.437 | HH | 29900 | 974032           | 15.86%  | 0.931% |
| 377 | 19.449 | 19.437 | 19.461 | HH | 29745 | 412105           | 6.71%   | 0.394% |
| 378 | 19.492 | 19.461 | 19.514 | HH | 30414 | 966095           | 15.73%  | 0.924% |
| 379 | 19.553 | 19.514 | 19.574 | HH | 31576 | 1114088          | 18.14%  | 1.065% |
| 380 | 19.583 | 19.574 | 19.602 | HH | 31025 | 518097           | 8.44%   | 0.495% |
| 381 | 19.678 | 19.602 | 19.689 | HH | 35702 | 1712225          | 27.89%  | 1.637% |
| 382 | 19.720 | 19.689 | 19.762 | HH | 44889 | 1694537          | 27.60%  | 1.620% |
| 383 | 19.823 | 19.762 | 19.862 | HH | 36021 | 2082661          | 33.92%  | 1.991% |
| 384 | 19.918 | 19.862 | 19.926 | HH | 35437 | 1337090          | 21.78%  | 1.278% |
| 385 | 20.037 | 19.926 | 20.072 | HH | 38991 | 3242754          | 52.81%  | 3.101% |
| 386 | 20.189 | 20.072 | 20.227 | HH | 54794 | 3913540          | 63.74%  | 3.742% |
| 387 | 20.377 | 20.227 | 20.457 | HH | 48907 | 6139989          | 100.00% | 5.871% |
| 388 | 20.475 | 20.457 | 20.490 | HH | 44911 | 883912           | 14.40%  | 0.845% |
| 389 | 20.514 | 20.490 | 20.522 | HH | 45046 | 863006           | 14.06%  | 0.825% |
| 390 | 20.651 | 20.522 | 20.699 | HH | 61010 | 5166928          | 84.15%  | 4.940% |
| 391 | 20.742 | 20.699 | 20.827 | HH | 47310 | 3587760          | 58.43%  | 3.430% |
| 392 | 20.853 | 20.827 | 20.983 | HH | 46444 | 4320672          | 70.37%  | 4.131% |

|     |        |        |        |    |       |         |        |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
|     |        |        |        |    |       | rteres  |        |        |
| 393 | 21.007 | 20.983 | 21.037 | HH | 45884 | 1469541 | 23.93% | 1.405% |
| 394 | 21.081 | 21.037 | 21.114 | HH | 46167 | 2126447 | 34.63% | 2.033% |
| 395 | 21.175 | 21.114 | 21.259 | HH | 59235 | 4336658 | 70.63% | 4.147% |

Sum of corrected areas: 104584341

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