

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF052019\  
 Data File : FF004577.D  
 Signal(s) : FID2B.ch  
 Acq On : 20 May 2019 11:27  
 Sample : K2900-02  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF050819.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         | 4.419       | 4.382        | 4.435      | BH       | 280            | -760         | -0.02%         | -0.001%       |
| 2         | 4.457       | 4.435        | 4.476      | PH       | 400            | 2147         | 0.06%          | 0.002%        |
| 3         | 4.488       | 4.476        | 4.536      | PH       | 351            | 540          | 0.02%          | 0.001%        |
| 4         | 4.565       | 4.536        | 4.589      | PH       | 5718           | 40326        | 1.16%          | 0.040%        |
| 5         | 4.596       | 4.589        | 4.606      | PH       | -271           | -3569        | -0.10%         | -0.004%       |
| 6         | 4.609       | 4.606        | 4.618      | PH       | -381           | -2771        | -0.08%         | -0.003%       |
| 7         | 4.639       | 4.618        | 4.691      | PH       | 384            | -4828        | -0.14%         | -0.005%       |
| 8         | 4.699       | 4.691        | 4.720      | PH       | -319           | -7114        | -0.20%         | -0.007%       |
| 9         | 4.731       | 4.720        | 4.737      | PH       | -305           | -4036        | -0.12%         | -0.004%       |
| 10        | 4.752       | 4.737        | 4.781      | PH       | 754            | -956         | -0.03%         | -0.001%       |
| 11        | 4.789       | 4.781        | 4.822      | PH       | -270           | -10461       | -0.30%         | -0.010%       |
| 12        | 4.841       | 4.822        | 4.858      | PH       | -344           | -11081       | -0.32%         | -0.011%       |
| 13        | 4.874       | 4.858        | 4.891      | PH       | -371           | -9033        | -0.26%         | -0.009%       |
| 14        | 4.895       | 4.891        | 4.916      | PH       | -367           | -7404        | -0.21%         | -0.007%       |
| 15        | 4.918       | 4.916        | 4.940      | PH       | -462           | -8379        | -0.24%         | -0.008%       |
| 16        | 4.956       | 4.940        | 4.978      | PH       | -317           | -10519       | -0.30%         | -0.010%       |
| 17        | 4.988       | 4.978        | 5.001      | PH       | -124           | -4193        | -0.12%         | -0.004%       |
| 18        | 5.028       | 5.001        | 5.051      | PH       | 190            | -5594        | -0.16%         | -0.006%       |
| 19        | 5.063       | 5.051        | 5.086      | PH       | -411           | -10624       | -0.31%         | -0.011%       |
| 20        | 5.114       | 5.086        | 5.126      | PH       | -134           | -10171       | -0.29%         | -0.010%       |
| 21        | 5.140       | 5.126        | 5.146      | PH       | -261           | -4838        | -0.14%         | -0.005%       |
| 22        | 5.162       | 5.146        | 5.179      | PH       | 63             | -4692        | -0.13%         | -0.005%       |
| 23        | 5.187       | 5.179        | 5.192      | PH       | -502           | -4257        | -0.12%         | -0.004%       |
| 24        | 5.197       | 5.192        | 5.209      | PH       | -501           | -5741        | -0.17%         | -0.006%       |
| 25        | 5.214       | 5.209        | 5.237      | PH       | -511           | -10066       | -0.29%         | -0.010%       |
| 26        | 5.277       | 5.237        | 5.304      | PH       | 2954           | 14116        | 0.41%          | 0.014%        |
| 27        | 5.308       | 5.304        | 5.324      | PH       | -380           | -5777        | -0.17%         | -0.006%       |
| 28        | 5.334       | 5.324        | 5.386      | PH       | -436           | -22680       | -0.65%         | -0.022%       |
| 29        | 5.414       | 5.386        | 5.434      | PH       | -439           | -18291       | -0.53%         | -0.018%       |
| 30        | 5.460       | 5.434        | 5.477      | PH       | -61            | -13361       | -0.38%         | -0.013%       |
| 31        | 5.501       | 5.477        | 5.537      | PH       | 944            | -6828        | -0.20%         | -0.007%       |
| 32        | 5.541       | 5.537        | 5.549      | PH       | -645           | -4815        | -0.14%         | -0.005%       |
| 33        | 5.567       | 5.549        | 5.597      | PH       | -318           | -15864       | -0.46%         | -0.016%       |
| 34        | 5.602       | 5.597        | 5.607      | PH       | -645           | -4121        | -0.12%         | -0.004%       |
| 35        | 5.627       | 5.607        | 5.669      | PH       | -169           | -18484       | -0.53%         | -0.018%       |
| 36        | 5.681       | 5.669        | 5.698      | PH       | -481           | -9672        | -0.28%         | -0.010%       |

|    |       |       |       |    | rteres |        |        |         |
|----|-------|-------|-------|----|--------|--------|--------|---------|
| 37 | 5.722 | 5.698 | 5.745 | PH | -385   | -14133 | -0.41% | -0.014% |
| 38 | 5.766 | 5.745 | 5.781 | PH | -231   | -7650  | -0.22% | -0.008% |
| 39 | 5.801 | 5.781 | 5.820 | PH | 27     | -5196  | -0.15% | -0.005% |
| 40 | 5.833 | 5.820 | 5.877 | PH | -265   | -15364 | -0.44% | -0.015% |
| 41 | 5.889 | 5.877 | 5.896 | PH | -409   | -5209  | -0.15% | -0.005% |
| 42 | 5.914 | 5.896 | 5.932 | PH | 235    | -5167  | -0.15% | -0.005% |
| 43 | 5.943 | 5.932 | 5.951 | PH | -281   | -4495  | -0.13% | -0.004% |
| 44 | 5.966 | 5.951 | 5.972 | PH | -23    | -2565  | -0.07% | -0.003% |
| 45 | 5.987 | 5.972 | 5.995 | PH | 1169   | 8039   | 0.23%  | 0.008%  |
| 46 | 6.008 | 5.995 | 6.052 | HH | 2956   | 18947  | 0.54%  | 0.019%  |
| 47 | 6.069 | 6.052 | 6.088 | PH | -174   | -8788  | -0.25% | -0.009% |
| 48 | 6.106 | 6.088 | 6.112 | PH | -428   | -7664  | -0.22% | -0.008% |
| 49 | 6.114 | 6.112 | 6.136 | PH | -439   | -8204  | -0.24% | -0.008% |
| 50 | 6.161 | 6.136 | 6.217 | PH | 3015   | 13967  | 0.40%  | 0.014%  |
| 51 | 6.225 | 6.217 | 6.232 | PH | -561   | -5476  | -0.16% | -0.005% |
| 52 | 6.234 | 6.232 | 6.246 | PH | -542   | -4796  | -0.14% | -0.005% |
| 53 | 6.252 | 6.246 | 6.259 | PH | -518   | -4658  | -0.13% | -0.005% |
| 54 | 6.285 | 6.259 | 6.321 | PH | 1446   | 1276   | 0.04%  | 0.001%  |
| 55 | 6.361 | 6.321 | 6.371 | PH | -356   | -13712 | -0.39% | -0.014% |
| 56 | 6.401 | 6.371 | 6.417 | PH | -134   | -8995  | -0.26% | -0.009% |
| 57 | 6.442 | 6.417 | 6.502 | PH | 940    | -11124 | -0.32% | -0.011% |
| 58 | 6.506 | 6.502 | 6.511 | PH | -707   | -3636  | -0.10% | -0.004% |
| 59 | 6.534 | 6.511 | 6.546 | PH | -274   | -10332 | -0.30% | -0.010% |
| 60 | 6.561 | 6.546 | 6.581 | PH | 62     | -6943  | -0.20% | -0.007% |
| 61 | 6.591 | 6.581 | 6.618 | PH | -428   | -14123 | -0.41% | -0.014% |
| 62 | 6.642 | 6.618 | 6.655 | PH | -422   | -13609 | -0.39% | -0.013% |
| 63 | 6.665 | 6.655 | 6.675 | PH | -572   | -7247  | -0.21% | -0.007% |
| 64 | 6.692 | 6.675 | 6.707 | PH | -615   | -12644 | -0.36% | -0.013% |
| 65 | 6.722 | 6.707 | 6.738 | PH | -453   | -11992 | -0.34% | -0.012% |
| 66 | 6.760 | 6.738 | 6.797 | PH | -171   | -17428 | -0.50% | -0.017% |
| 67 | 6.811 | 6.797 | 6.821 | PH | -569   | -8872  | -0.26% | -0.009% |
| 68 | 6.843 | 6.821 | 6.857 | PH | -393   | -11897 | -0.34% | -0.012% |
| 69 | 6.874 | 6.857 | 6.883 | PH | 131    | -3395  | -0.10% | -0.003% |
| 70 | 6.897 | 6.883 | 6.929 | PH | 1384   | 9866   | 0.28%  | 0.010%  |
| 71 | 6.933 | 6.929 | 6.956 | PH | -187   | -4013  | -0.12% | -0.004% |
| 72 | 6.959 | 6.956 | 6.962 | PH | -306   | -1266  | -0.04% | -0.001% |
| 73 | 6.971 | 6.962 | 6.990 | PH | -231   | -6655  | -0.19% | -0.007% |
| 74 | 7.004 | 6.990 | 7.021 | PH | -306   | -7990  | -0.23% | -0.008% |
| 75 | 7.026 | 7.021 | 7.030 | PH | -517   | -2954  | -0.08% | -0.003% |
| 76 | 7.066 | 7.030 | 7.082 | PH | 2209   | 12616  | 0.36%  | 0.013%  |
| 77 | 7.091 | 7.082 | 7.130 | PH | 413    | -4791  | -0.14% | -0.005% |
| 78 | 7.148 | 7.130 | 7.179 | PH | 64     | -11989 | -0.34% | -0.012% |
| 79 | 7.201 | 7.179 | 7.220 | PH | 1533   | 4554   | 0.13%  | 0.005%  |
| 80 | 7.236 | 7.220 | 7.261 | PH | -191   | -10568 | -0.30% | -0.010% |
| 81 | 7.267 | 7.261 | 7.283 | PH | -452   | -7398  | -0.21% | -0.007% |
| 82 | 7.293 | 7.283 | 7.301 | PH | -572   | -7055  | -0.20% | -0.007% |
| 83 | 7.318 | 7.301 | 7.334 | PH | -324   | -10347 | -0.30% | -0.010% |
| 84 | 7.366 | 7.334 | 7.394 | PH | 766    | -8546  | -0.25% | -0.008% |
| 85 | 7.410 | 7.394 | 7.416 | PH | -585   | -8519  | -0.25% | -0.008% |
| 86 | 7.442 | 7.416 | 7.465 | PH | -387   | -16165 | -0.46% | -0.016% |
| 87 | 7.496 | 7.465 | 7.507 | PH | -90    | -8249  | -0.24% | -0.008% |
| 88 | 7.520 | 7.507 | 7.567 | PH | -212   | -15887 | -0.46% | -0.016% |
| 89 | 7.582 | 7.567 | 7.609 | PH | -297   | -13511 | -0.39% | -0.013% |

|     |       |       |       |    |        |        |        |         |
|-----|-------|-------|-------|----|--------|--------|--------|---------|
|     |       |       |       |    | rteres |        |        |         |
| 90  | 7.654 | 7.609 | 7.666 | PH | -314   | -19443 | -0.56% | -0.019% |
| 91  | 7.679 | 7.666 | 7.687 | PH | -448   | -6702  | -0.19% | -0.007% |
| 92  | 7.700 | 7.687 | 7.724 | PH | -357   | -11087 | -0.32% | -0.011% |
| 93  | 7.764 | 7.724 | 7.769 | PH | 839    | -3323  | -0.10% | -0.003% |
| 94  | 7.780 | 7.769 | 7.807 | HH | 1472   | 16267  | 0.47%  | 0.016%  |
| 95  | 7.818 | 7.807 | 7.828 | PH | 1      | -2057  | -0.06% | -0.002% |
| 96  | 7.841 | 7.828 | 7.870 | PH | 212    | -4967  | -0.14% | -0.005% |
| 97  | 7.888 | 7.870 | 7.911 | PH | -188   | -10135 | -0.29% | -0.010% |
| 98  | 7.948 | 7.911 | 7.984 | PH | 595    | -837   | -0.02% | -0.001% |
| 99  | 7.991 | 7.984 | 8.003 | PH | -162   | -2609  | -0.08% | -0.003% |
| 100 | 8.014 | 8.003 | 8.026 | PH | -122   | -3092  | -0.09% | -0.003% |
| 101 | 8.058 | 8.026 | 8.081 | PH | 1392   | 13297  | 0.38%  | 0.013%  |
| 102 | 8.088 | 8.081 | 8.104 | PH | -385   | -5842  | -0.17% | -0.006% |
| 103 | 8.130 | 8.104 | 8.144 | PH | 231    | -1073  | -0.03% | -0.001% |
| 104 | 8.162 | 8.144 | 8.178 | HH | 3529   | 35821  | 1.03%  | 0.036%  |
| 105 | 8.192 | 8.178 | 8.207 | HH | 2049   | 21945  | 0.63%  | 0.022%  |
| 106 | 8.216 | 8.207 | 8.220 | HH | 1066   | 7419   | 0.21%  | 0.007%  |
| 107 | 8.237 | 8.220 | 8.268 | HH | 2699   | 27401  | 0.79%  | 0.027%  |
| 108 | 8.295 | 8.268 | 8.326 | PH | 57821  | 571013 | 16.42% | 0.566%  |
| 109 | 8.347 | 8.326 | 8.393 | HH | 17613  | 209909 | 6.04%  | 0.208%  |
| 110 | 8.405 | 8.393 | 8.419 | HH | 516    | 4830   | 0.14%  | 0.005%  |
| 111 | 8.436 | 8.419 | 8.451 | HH | 1227   | 10646  | 0.31%  | 0.011%  |
| 112 | 8.463 | 8.451 | 8.499 | HH | 612    | 3725   | 0.11%  | 0.004%  |
| 113 | 8.518 | 8.499 | 8.568 | PH | 1005   | 6485   | 0.19%  | 0.006%  |
| 114 | 8.594 | 8.568 | 8.619 | PH | 737    | 5703   | 0.16%  | 0.006%  |
| 115 | 8.642 | 8.619 | 8.666 | PH | 3621   | 34721  | 1.00%  | 0.034%  |
| 116 | 8.689 | 8.666 | 8.694 | HH | 1186   | 10740  | 0.31%  | 0.011%  |
| 117 | 8.704 | 8.694 | 8.735 | HH | 1282   | 18043  | 0.52%  | 0.018%  |
| 118 | 8.771 | 8.735 | 8.790 | HH | 1205   | 19221  | 0.55%  | 0.019%  |
| 119 | 8.798 | 8.790 | 8.816 | HH | 366    | 3503   | 0.10%  | 0.003%  |
| 120 | 8.829 | 8.816 | 8.845 | PH | 503    | 4499   | 0.13%  | 0.004%  |
| 121 | 8.883 | 8.845 | 8.899 | HH | 1940   | 26355  | 0.76%  | 0.026%  |
| 122 | 8.915 | 8.899 | 8.937 | HH | 1653   | 15997  | 0.46%  | 0.016%  |
| 123 | 8.957 | 8.937 | 8.965 | PH | 1109   | 11010  | 0.32%  | 0.011%  |
| 124 | 8.973 | 8.965 | 8.994 | HH | 1086   | 13670  | 0.39%  | 0.014%  |
| 125 | 9.006 | 8.994 | 9.029 | HH | 1041   | 11285  | 0.32%  | 0.011%  |
| 126 | 9.057 | 9.029 | 9.078 | HH | 4920   | 64021  | 1.84%  | 0.063%  |
| 127 | 9.093 | 9.078 | 9.132 | HH | 2439   | 34419  | 0.99%  | 0.034%  |
| 128 | 9.151 | 9.132 | 9.177 | HH | 552    | 5999   | 0.17%  | 0.006%  |
| 129 | 9.208 | 9.177 | 9.225 | PH | 2329   | 26314  | 0.76%  | 0.026%  |
| 130 | 9.239 | 9.225 | 9.257 | HH | 1712   | 16976  | 0.49%  | 0.017%  |
| 131 | 9.270 | 9.257 | 9.274 | HH | 499    | 3608   | 0.10%  | 0.004%  |
| 132 | 9.292 | 9.274 | 9.307 | HH | 1791   | 20635  | 0.59%  | 0.020%  |
| 133 | 9.344 | 9.307 | 9.362 | HH | 2339   | 37576  | 1.08%  | 0.037%  |
| 134 | 9.379 | 9.362 | 9.409 | HH | 6120   | 77509  | 2.23%  | 0.077%  |
| 135 | 9.428 | 9.409 | 9.467 | HH | 3568   | 74546  | 2.14%  | 0.074%  |
| 136 | 9.472 | 9.467 | 9.487 | HH | 1279   | 13158  | 0.38%  | 0.013%  |
| 137 | 9.506 | 9.487 | 9.535 | HH | 2369   | 43109  | 1.24%  | 0.043%  |
| 138 | 9.549 | 9.535 | 9.557 | HH | 2003   | 22445  | 0.65%  | 0.022%  |
| 139 | 9.574 | 9.557 | 9.597 | HH | 4734   | 69092  | 1.99%  | 0.068%  |
| 140 | 9.609 | 9.597 | 9.620 | HH | 1440   | 19104  | 0.55%  | 0.019%  |
| 141 | 9.637 | 9.620 | 9.655 | HH | 2317   | 34227  | 0.98%  | 0.034%  |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 142 | 9.686  | 9.655  | 9.724  | HH | 2714   | 57409  | 1.65%  | 0.057% |
| 143 | 9.751  | 9.724  | 9.789  | HH | 2173   | 59655  | 1.72%  | 0.059% |
| 144 | 9.802  | 9.789  | 9.820  | HH | 1959   | 30314  | 0.87%  | 0.030% |
| 145 | 9.841  | 9.820  | 9.859  | HH | 6124   | 85747  | 2.47%  | 0.085% |
|     |        |        |        |    |        |        |        |        |
| 146 | 9.868  | 9.859  | 9.894  | HH | 2808   | 35793  | 1.03%  | 0.035% |
| 147 | 9.920  | 9.894  | 9.934  | HH | 1383   | 26911  | 0.77%  | 0.027% |
| 148 | 9.944  | 9.934  | 9.975  | HH | 1397   | 22217  | 0.64%  | 0.022% |
| 149 | 10.013 | 9.975  | 10.037 | HH | 1375   | 33637  | 0.97%  | 0.033% |
| 150 | 10.048 | 10.037 | 10.064 | HH | 822    | 10776  | 0.31%  | 0.011% |
|     |        |        |        |    |        |        |        |        |
| 151 | 10.087 | 10.064 | 10.104 | HH | 711    | 14056  | 0.40%  | 0.014% |
| 152 | 10.131 | 10.104 | 10.155 | HH | 1680   | 33677  | 0.97%  | 0.033% |
| 153 | 10.177 | 10.155 | 10.203 | HH | 2012   | 41406  | 1.19%  | 0.041% |
| 154 | 10.229 | 10.203 | 10.253 | HH | 2727   | 53618  | 1.54%  | 0.053% |
| 155 | 10.281 | 10.253 | 10.295 | HH | 3271   | 55069  | 1.58%  | 0.055% |
|     |        |        |        |    |        |        |        |        |
| 156 | 10.312 | 10.295 | 10.334 | HH | 3394   | 57074  | 1.64%  | 0.057% |
| 157 | 10.351 | 10.334 | 10.406 | HH | 2941   | 83756  | 2.41%  | 0.083% |
| 158 | 10.425 | 10.406 | 10.459 | HH | 4112   | 90578  | 2.61%  | 0.090% |
| 159 | 10.478 | 10.459 | 10.497 | HH | 8273   | 114451 | 3.29%  | 0.113% |
| 160 | 10.506 | 10.497 | 10.520 | HH | 3013   | 37108  | 1.07%  | 0.037% |
|     |        |        |        |    |        |        |        |        |
| 161 | 10.534 | 10.520 | 10.550 | HH | 2980   | 46366  | 1.33%  | 0.046% |
| 162 | 10.581 | 10.550 | 10.587 | HH | 6764   | 103137 | 2.97%  | 0.102% |
| 163 | 10.597 | 10.587 | 10.614 | HH | 7666   | 93556  | 2.69%  | 0.093% |
| 164 | 10.634 | 10.614 | 10.674 | HH | 7471   | 172834 | 4.97%  | 0.171% |
| 165 | 10.702 | 10.674 | 10.746 | HH | 4454   | 130959 | 3.77%  | 0.130% |
|     |        |        |        |    |        |        |        |        |
| 166 | 10.754 | 10.746 | 10.782 | HH | 2167   | 43513  | 1.25%  | 0.043% |
| 167 | 10.799 | 10.782 | 10.805 | HH | 2999   | 34415  | 0.99%  | 0.034% |
| 168 | 10.831 | 10.805 | 10.847 | HH | 71569  | 838542 | 24.12% | 0.831% |
| 169 | 10.852 | 10.847 | 10.878 | HH | 22213  | 215137 | 6.19%  | 0.213% |
| 170 | 10.905 | 10.878 | 10.944 | HH | 34472  | 455047 | 13.09% | 0.451% |
|     |        |        |        |    |        |        |        |        |
| 171 | 10.957 | 10.944 | 10.997 | HH | 3202   | 94134  | 2.71%  | 0.093% |
| 172 | 11.003 | 10.997 | 11.023 | HH | 2722   | 38873  | 1.12%  | 0.039% |
| 173 | 11.035 | 11.023 | 11.064 | HH | 2595   | 56415  | 1.62%  | 0.056% |
| 174 | 11.086 | 11.064 | 11.099 | HH | 2724   | 51974  | 1.49%  | 0.052% |
| 175 | 11.117 | 11.099 | 11.133 | HH | 7127   | 97411  | 2.80%  | 0.097% |
|     |        |        |        |    |        |        |        |        |
| 176 | 11.140 | 11.133 | 11.161 | HH | 3672   | 51826  | 1.49%  | 0.051% |
| 177 | 11.187 | 11.161 | 11.206 | HH | 3469   | 79207  | 2.28%  | 0.079% |
| 178 | 11.237 | 11.206 | 11.264 | HH | 4982   | 139819 | 4.02%  | 0.139% |
| 179 | 11.284 | 11.264 | 11.311 | HH | 8003   | 152793 | 4.39%  | 0.151% |
| 180 | 11.357 | 11.311 | 11.402 | HH | 13753  | 418534 | 12.04% | 0.415% |
|     |        |        |        |    |        |        |        |        |
| 181 | 11.435 | 11.402 | 11.456 | HH | 6228   | 141427 | 4.07%  | 0.140% |
| 182 | 11.485 | 11.456 | 11.506 | HH | 8639   | 166451 | 4.79%  | 0.165% |
| 183 | 11.537 | 11.506 | 11.572 | HH | 14424  | 305809 | 8.80%  | 0.303% |
| 184 | 11.586 | 11.572 | 11.606 | HH | 5017   | 91941  | 2.64%  | 0.091% |
| 185 | 11.636 | 11.606 | 11.651 | HH | 27299  | 373228 | 10.74% | 0.370% |
|     |        |        |        |    |        |        |        |        |
| 186 | 11.666 | 11.651 | 11.704 | HH | 27951  | 399766 | 11.50% | 0.396% |
| 187 | 11.731 | 11.704 | 11.743 | HH | 14991  | 228298 | 6.57%  | 0.226% |
| 188 | 11.749 | 11.743 | 11.765 | HH | 11956  | 129935 | 3.74%  | 0.129% |
| 189 | 11.784 | 11.765 | 11.798 | HH | 24977  | 319826 | 9.20%  | 0.317% |
| 190 | 11.815 | 11.798 | 11.859 | HH | 32931  | 520903 | 14.98% | 0.516% |
|     |        |        |        |    |        |        |        |        |
| 191 | 11.882 | 11.859 | 11.902 | HH | 5565   | 132509 | 3.81%  | 0.131% |
| 192 | 11.958 | 11.902 | 11.974 | HH | 12691  | 351327 | 10.11% | 0.348% |
| 193 | 11.989 | 11.974 | 12.010 | HH | 13847  | 222680 | 6.40%  | 0.221% |
| 194 | 12.045 | 12.010 | 12.086 | HH | 20280  | 496124 | 14.27% | 0.492% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.109 | 12.086 | 12.129 | HH | 17248  | 290224  | 8.35%  | 0.288% |
| 196 | 12.138 | 12.129 | 12.151 | HH | 8297   | 102636  | 2.95%  | 0.102% |
| 197 | 12.171 | 12.151 | 12.178 | HH | 9429   | 140760  | 4.05%  | 0.140% |
| 198 | 12.210 | 12.178 | 12.238 | HH | 114477 | 1549750 | 44.58% | 1.536% |
| 199 | 12.256 | 12.238 | 12.274 | HH | 12756  | 229691  | 6.61%  | 0.228% |
| 200 | 12.286 | 12.274 | 12.300 | HH | 9099   | 133144  | 3.83%  | 0.132% |
| 201 | 12.315 | 12.300 | 12.325 | HH | 9567   | 135313  | 3.89%  | 0.134% |
| 202 | 12.338 | 12.325 | 12.344 | HH | 9806   | 104058  | 2.99%  | 0.103% |
| 203 | 12.360 | 12.344 | 12.399 | HH | 12413  | 346665  | 9.97%  | 0.344% |
| 204 | 12.427 | 12.399 | 12.466 | HH | 14693  | 435257  | 12.52% | 0.431% |
| 205 | 12.486 | 12.466 | 12.514 | HH | 18555  | 365995  | 10.53% | 0.363% |
| 206 | 12.538 | 12.514 | 12.558 | HH | 32183  | 532428  | 15.31% | 0.528% |
| 207 | 12.574 | 12.558 | 12.584 | HH | 17498  | 249506  | 7.18%  | 0.247% |
| 208 | 12.600 | 12.584 | 12.626 | HH | 22909  | 415777  | 11.96% | 0.412% |
| 209 | 12.654 | 12.626 | 12.704 | HH | 117199 | 1664169 | 47.87% | 1.650% |
| 210 | 12.716 | 12.704 | 12.734 | HH | 9323   | 164802  | 4.74%  | 0.163% |
| 211 | 12.754 | 12.734 | 12.770 | HH | 11866  | 230681  | 6.64%  | 0.229% |
| 212 | 12.790 | 12.770 | 12.806 | HH | 16924  | 298193  | 8.58%  | 0.296% |
| 213 | 12.815 | 12.806 | 12.825 | HH | 13656  | 150912  | 4.34%  | 0.150% |
| 214 | 12.844 | 12.825 | 12.882 | HH | 19082  | 534531  | 15.37% | 0.530% |
| 215 | 12.894 | 12.882 | 12.927 | HH | 13960  | 329073  | 9.47%  | 0.326% |
| 216 | 12.954 | 12.927 | 12.979 | HH | 144621 | 1827665 | 52.57% | 1.812% |
| 217 | 13.010 | 12.979 | 13.027 | HH | 17939  | 425965  | 12.25% | 0.422% |
| 218 | 13.041 | 13.027 | 13.070 | HH | 16179  | 336957  | 9.69%  | 0.334% |
| 219 | 13.093 | 13.070 | 13.109 | HH | 14872  | 306903  | 8.83%  | 0.304% |
| 220 | 13.126 | 13.109 | 13.142 | HH | 15301  | 269865  | 7.76%  | 0.268% |
| 221 | 13.153 | 13.142 | 13.179 | HH | 13240  | 265479  | 7.64%  | 0.263% |
| 222 | 13.217 | 13.179 | 13.239 | HH | 22416  | 583667  | 16.79% | 0.579% |
| 223 | 13.277 | 13.239 | 13.335 | HH | 22325  | 961892  | 27.67% | 0.954% |
| 224 | 13.352 | 13.335 | 13.367 | HH | 17059  | 290716  | 8.36%  | 0.288% |
| 225 | 13.382 | 13.367 | 13.390 | HH | 16821  | 223812  | 6.44%  | 0.222% |
| 226 | 13.412 | 13.390 | 13.426 | HH | 27411  | 491752  | 14.14% | 0.487% |
| 227 | 13.438 | 13.426 | 13.480 | HH | 35179  | 736679  | 21.19% | 0.730% |
| 228 | 13.493 | 13.480 | 13.498 | HH | 15115  | 163253  | 4.70%  | 0.162% |
| 229 | 13.542 | 13.498 | 13.577 | HH | 31760  | 1045446 | 30.07% | 1.036% |
| 230 | 13.613 | 13.577 | 13.627 | HH | 17354  | 489867  | 14.09% | 0.486% |
| 231 | 13.660 | 13.627 | 13.672 | HH | 22306  | 525672  | 15.12% | 0.521% |
| 232 | 13.691 | 13.672 | 13.712 | HH | 35247  | 617052  | 17.75% | 0.612% |
| 233 | 13.735 | 13.712 | 13.762 | HH | 18834  | 518309  | 14.91% | 0.514% |
| 234 | 13.802 | 13.762 | 13.807 | HH | 31205  | 617291  | 17.76% | 0.612% |
| 235 | 13.821 | 13.807 | 13.841 | HH | 39644  | 627609  | 18.05% | 0.622% |
| 236 | 13.862 | 13.841 | 13.897 | HH | 34571  | 797408  | 22.94% | 0.791% |
| 237 | 13.934 | 13.897 | 13.962 | HH | 20096  | 691410  | 19.89% | 0.685% |
| 238 | 14.005 | 13.962 | 14.012 | HH | 20253  | 534645  | 15.38% | 0.530% |
| 239 | 14.028 | 14.012 | 14.052 | HH | 21346  | 479514  | 13.79% | 0.475% |
| 240 | 14.074 | 14.052 | 14.092 | HH | 17938  | 426509  | 12.27% | 0.423% |
| 241 | 14.097 | 14.092 | 14.109 | HH | 17458  | 173065  | 4.98%  | 0.172% |
| 242 | 14.130 | 14.109 | 14.145 | HH | 19659  | 384628  | 11.06% | 0.381% |
| 243 | 14.161 | 14.145 | 14.171 | HH | 20569  | 309094  | 8.89%  | 0.306% |
| 244 | 14.188 | 14.171 | 14.203 | HH | 24141  | 425126  | 12.23% | 0.421% |
| 245 | 14.235 | 14.203 | 14.255 | HH | 25207  | 706464  | 20.32% | 0.700% |
| 246 | 14.278 | 14.255 | 14.303 | HH | 42170  | 856825  | 24.64% | 0.849% |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 247    | 14.308 | 14.303 | 14.338 | HH | 21943  | 434497  | 12.50%  | 0.431% |
| 248    | 14.362 | 14.338 | 14.405 | HH | 39798  | 1113102 | 32.02%  | 1.103% |
| 249    | 14.460 | 14.405 | 14.479 | HH | 36444  | 1277593 | 36.75%  | 1.267% |
| 250    | 14.489 | 14.479 | 14.502 | HH | 26849  | 346955  | 9.98%   | 0.344% |
| 251    | 14.524 | 14.502 | 14.546 | HH | 49388  | 922812  | 26.54%  | 0.915% |
| 252    | 14.582 | 14.546 | 14.609 | HH | 42085  | 1158143 | 33.31%  | 1.148% |
| 253    | 14.647 | 14.609 | 14.665 | HH | 26015  | 814777  | 23.44%  | 0.808% |
| 254    | 14.702 | 14.665 | 14.745 | HH | 136473 | 2742424 | 78.88%  | 2.719% |
| 255    | 14.752 | 14.745 | 14.758 | HH | 24541  | 195993  | 5.64%   | 0.194% |
| 256    | 14.760 | 14.758 | 14.769 | HH | 24551  | 161904  | 4.66%   | 0.161% |
| 257    | 14.790 | 14.769 | 14.811 | HH | 32596  | 702151  | 20.20%  | 0.696% |
| 258    | 14.836 | 14.811 | 14.856 | HH | 108406 | 1659304 | 47.73%  | 1.645% |
| 259    | 14.878 | 14.856 | 14.900 | HH | 119260 | 1828927 | 52.61%  | 1.813% |
| 260    | 14.904 | 14.900 | 14.948 | HH | 37800  | 905343  | 26.04%  | 0.898% |
| 261    | 14.997 | 14.948 | 15.029 | HH | 39815  | 1569315 | 45.14%  | 1.556% |
| 262    | 15.043 | 15.029 | 15.061 | HH | 32708  | 590206  | 16.98%  | 0.585% |
| 263    | 15.077 | 15.061 | 15.116 | HH | 30369  | 938835  | 27.00%  | 0.931% |
| 264    | 15.147 | 15.116 | 15.171 | HH | 36395  | 1104661 | 31.77%  | 1.095% |
| 265    | 15.193 | 15.171 | 15.215 | HH | 35246  | 891309  | 25.64%  | 0.884% |
| 266    | 15.222 | 15.215 | 15.237 | HH | 29541  | 389291  | 11.20%  | 0.386% |
| 267    | 15.251 | 15.237 | 15.255 | HH | 29823  | 309506  | 8.90%   | 0.307% |
| 268    | 15.284 | 15.255 | 15.344 | HH | 76605  | 2333967 | 67.13%  | 2.314% |
| 269    | 15.351 | 15.344 | 15.370 | HH | 30357  | 459897  | 13.23%  | 0.456% |
| 270    | 15.386 | 15.370 | 15.393 | HH | 30006  | 412802  | 11.87%  | 0.409% |
| 271    | 15.427 | 15.393 | 15.455 | HH | 48302  | 1388158 | 39.93%  | 1.376% |
| 272    | 15.472 | 15.455 | 15.481 | HH | 39059  | 591370  | 17.01%  | 0.586% |
| 273    | 15.511 | 15.481 | 15.533 | HH | 76838  | 1658636 | 47.71%  | 1.644% |
| 274    | 15.549 | 15.533 | 15.586 | HH | 46461  | 1230957 | 35.41%  | 1.220% |
| 275    | 15.622 | 15.586 | 15.636 | HH | 39780  | 1114415 | 32.05%  | 1.105% |
| 276    | 15.652 | 15.636 | 15.662 | HH | 42855  | 643977  | 18.52%  | 0.638% |
| 277    | 15.678 | 15.662 | 15.714 | HH | 47274  | 1266921 | 36.44%  | 1.256% |
| 278    | 15.753 | 15.714 | 15.782 | HH | 40139  | 1473828 | 42.39%  | 1.461% |
| 279    | 15.807 | 15.782 | 15.818 | HH | 36551  | 752824  | 21.65%  | 0.746% |
| 280    | 15.836 | 15.818 | 15.851 | HH | 39537  | 752094  | 21.63%  | 0.746% |
| 281    | 15.864 | 15.851 | 15.885 | HH | 37795  | 725791  | 20.88%  | 0.720% |
| 282    | 15.930 | 15.885 | 15.977 | HH | 51026  | 2162412 | 62.20%  | 2.144% |
| 283    | 15.981 | 15.977 | 15.984 | HH | 35773  | 145997  | 4.20%   | 0.145% |
| 284    | 15.991 | 15.984 | 16.006 | HH | 35853  | 461927  | 13.29%  | 0.458% |
| 285    | 16.024 | 16.006 | 16.033 | HH | 36139  | 576572  | 16.58%  | 0.572% |
| 286    | 16.046 | 16.033 | 16.081 | HH | 36048  | 1000881 | 28.79%  | 0.992% |
| 287    | 16.122 | 16.081 | 16.139 | HH | 50034  | 1488930 | 42.83%  | 1.476% |
| 288    | 16.150 | 16.139 | 16.164 | HH | 41917  | 606801  | 17.45%  | 0.602% |
| 289    | 16.182 | 16.164 | 16.199 | HH | 42390  | 823707  | 23.69%  | 0.817% |
| 290    | 16.232 | 16.199 | 16.252 | HH | 46158  | 1374366 | 39.53%  | 1.362% |
| 291    | 16.264 | 16.252 | 16.276 | HH | 41475  | 581479  | 16.73%  | 0.576% |
| 292    | 16.303 | 16.276 | 16.313 | HH | 51238  | 1025089 | 29.48%  | 1.016% |
| 293    | 16.323 | 16.313 | 16.353 | HH | 53712  | 1110565 | 31.94%  | 1.101% |
| 294    | 16.402 | 16.353 | 16.422 | HH | 158091 | 3476703 | 100.00% | 3.447% |
| 295    | 16.428 | 16.422 | 16.468 | HH | 90209  | 1563447 | 44.97%  | 1.550% |
| 296    | 16.496 | 16.468 | 16.502 | HH | 42865  | 844199  | 24.28%  | 0.837% |
| 297    | 16.504 | 16.502 | 16.508 | HH | 42405  | 166740  | 4.80%   | 0.165% |
| 298    | 16.537 | 16.508 | 16.561 | HH | 79688  | 1938838 | 55.77%  | 1.922% |
| 299    | 16.572 | 16.561 | 16.632 | HH | 49801  | 1950472 | 56.10%  | 1.934% |

|     |        |        |        |    |                         |         |           |        |
|-----|--------|--------|--------|----|-------------------------|---------|-----------|--------|
|     |        |        |        |    |                         | rteres  |           |        |
| 300 | 16.649 | 16.632 | 16.667 | HH | 46702                   | 931766  | 26.80%    | 0.924% |
| 301 | 16.723 | 16.667 | 16.752 | HH | 121534                  | 3414117 | 98.20%    | 3.385% |
| 302 | 16.781 | 16.752 | 16.822 | HH | 132598                  | 2974150 | 85.55%    | 2.948% |
| 303 | 16.853 | 16.822 | 16.859 | HH | 47386                   | 993709  | 28.58%    | 0.985% |
| 304 | 16.882 | 16.859 | 16.905 | HH | 81365                   | 1686212 | 48.50%    | 1.672% |
|     |        |        |        |    | Sum of corrected areas: |         | 100873101 |        |

FF050819.M Tue May 21 10:37:56 2019