

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF092419\  
 Data File : FF005655.D  
 Signal(s) : FID2B.ch  
 Acq On : 24 Sep 2019 20:15  
 Sample : K4997-05 5X  
 Misc :  
 ALS Vial : 68 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF090319.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         | 2.243       | 2.232        | 2.247      | BH       | 32             | -95          | -0.00%         | -0.000%       |
| 2         | 2.257       | 2.247        | 2.282      | PH       | 325            | 1461         | 0.03%          | 0.001%        |
| 3         | 2.289       | 2.282        | 2.302      | PH       | -40            | -1146        | -0.02%         | -0.001%       |
| 4         | 2.309       | 2.302        | 2.319      | PH       | -81            | -1216        | -0.02%         | -0.001%       |
| 5         | 2.334       | 2.319        | 2.355      | PH       | -62            | -2863        | -0.05%         | -0.002%       |
| 6         | 2.360       | 2.355        | 2.378      | PH       | -101           | -2374        | -0.05%         | -0.002%       |
| 7         | 2.381       | 2.378        | 2.397      | PH       | -172           | -2540        | -0.05%         | -0.002%       |
| 8         | 2.403       | 2.397        | 2.423      | PH       | -182           | -3609        | -0.07%         | -0.003%       |
| 9         | 2.434       | 2.423        | 2.441      | PH       | -154           | -2434        | -0.05%         | -0.002%       |
| 10        | 2.447       | 2.441        | 2.468      | PH       | -163           | -4331        | -0.08%         | -0.003%       |
| 11        | 2.487       | 2.468        | 2.511      | PH       | 281            | -2912        | -0.06%         | -0.002%       |
| 12        | 2.524       | 2.511        | 2.562      | PH       | -52            | -8968        | -0.17%         | -0.007%       |
| 13        | 2.580       | 2.562        | 2.596      | PH       | -159           | -7406        | -0.14%         | -0.005%       |
| 14        | 2.602       | 2.596        | 2.638      | PH       | -393           | -10612       | -0.20%         | -0.008%       |
| 15        | 2.644       | 2.638        | 2.669      | PH       | -401           | -9284        | -0.18%         | -0.007%       |
| 16        | 2.675       | 2.669        | 2.686      | PH       | -453           | -5318        | -0.10%         | -0.004%       |
| 17        | 2.690       | 2.686        | 2.693      | PH       | -519           | -2217        | -0.04%         | -0.002%       |
| 18        | 2.697       | 2.693        | 2.704      | PH       | -493           | -3535        | -0.07%         | -0.003%       |
| 19        | 2.706       | 2.704        | 2.709      | PH       | -462           | -1649        | -0.03%         | -0.001%       |
| 20        | 2.731       | 2.709        | 2.753      | PH       | -446           | -13471       | -0.26%         | -0.010%       |
| 21        | 2.757       | 2.753        | 2.786      | PH       | -506           | -12027       | -0.23%         | -0.009%       |
| 22        | 2.814       | 2.786        | 2.844      | PH       | -373           | -17980       | -0.34%         | -0.013%       |
| 23        | 2.848       | 2.844        | 2.857      | PH       | -501           | -4798        | -0.09%         | -0.004%       |
| 24        | 2.873       | 2.857        | 2.916      | PH       | -520           | -21228       | -0.40%         | -0.016%       |
| 25        | 2.922       | 2.916        | 2.941      | PH       | -607           | -9344        | -0.18%         | -0.007%       |
| 26        | 2.961       | 2.941        | 2.967      | PH       | -606           | -10173       | -0.19%         | -0.008%       |
| 27        | 2.975       | 2.967        | 2.991      | PH       | -571           | -8562        | -0.16%         | -0.006%       |
| 28        | 3.024       | 2.991        | 3.074      | PH       | -272           | -25655       | -0.49%         | -0.019%       |
| 29        | 3.083       | 3.074        | 3.192      | PH       | -502           | -45908       | -0.87%         | -0.034%       |
| 30        | 3.213       | 3.192        | 3.237      | PH       | -604           | -19158       | -0.36%         | -0.014%       |
| 31        | 3.276       | 3.237        | 3.382      | PH       | -560           | -66533       | -1.26%         | -0.049%       |
| 32        | 3.392       | 3.382        | 3.411      | PH       | -794           | -14548       | -0.28%         | -0.011%       |
| 33        | 3.419       | 3.411        | 3.452      | PH       | -755           | -20739       | -0.39%         | -0.015%       |
| 34        | 3.457       | 3.452        | 3.522      | PH       | -777           | -36401       | -0.69%         | -0.027%       |
| 35        | 3.539       | 3.522        | 3.558      | PH       | -749           | -17442       | -0.33%         | -0.013%       |
| 36        | 3.564       | 3.558        | 3.592      | PH       | -787           | -17288       | -0.33%         | -0.013%       |

|    |       |       |       |    | rteres |        |        |         |
|----|-------|-------|-------|----|--------|--------|--------|---------|
| 37 | 3.601 | 3.592 | 3.629 | PH | -773   | -19110 | -0.36% | -0.014% |
| 38 | 3.651 | 3.629 | 3.684 | PH | -693   | -27136 | -0.52% | -0.020% |
| 39 | 3.697 | 3.684 | 3.706 | PH | -830   | -10864 | -0.21% | -0.008% |
| 40 | 3.715 | 3.706 | 3.739 | PH | -714   | -16830 | -0.32% | -0.012% |
|    |       |       |       |    |        |        |        |         |
| 41 | 3.764 | 3.739 | 3.804 | PH | -742   | -32718 | -0.62% | -0.024% |
| 42 | 3.811 | 3.804 | 3.832 | PH | -764   | -13695 | -0.26% | -0.010% |
| 43 | 3.857 | 3.832 | 3.912 | PH | -653   | -41322 | -0.79% | -0.031% |
| 44 | 3.971 | 3.912 | 3.996 | PH | -696   | -41042 | -0.78% | -0.030% |
| 45 | 4.004 | 3.996 | 4.019 | PH | -800   | -11226 | -0.21% | -0.008% |
|    |       |       |       |    |        |        |        |         |
| 46 | 4.037 | 4.019 | 4.052 | PH | -726   | -15839 | -0.30% | -0.012% |
| 47 | 4.079 | 4.052 | 4.139 | PH | -254   | -34678 | -0.66% | -0.026% |
| 48 | 4.145 | 4.139 | 4.193 | PH | -574   | -20542 | -0.39% | -0.015% |
| 49 | 4.200 | 4.193 | 4.223 | PH | -579   | -12933 | -0.25% | -0.010% |
| 50 | 4.227 | 4.223 | 4.237 | PH | -731   | -6765  | -0.13% | -0.005% |
|    |       |       |       |    |        |        |        |         |
| 51 | 4.258 | 4.237 | 4.285 | PH | -691   | -22589 | -0.43% | -0.017% |
| 52 | 4.297 | 4.285 | 4.311 | PH | -757   | -12288 | -0.23% | -0.009% |
| 53 | 4.318 | 4.311 | 4.332 | PH | -794   | -10438 | -0.20% | -0.008% |
| 54 | 4.344 | 4.332 | 4.374 | PH | -574   | -18480 | -0.35% | -0.014% |
| 55 | 4.391 | 4.374 | 4.406 | PH | -804   | -16428 | -0.31% | -0.012% |
|    |       |       |       |    |        |        |        |         |
| 56 | 4.443 | 4.406 | 4.459 | PH | -777   | -26548 | -0.50% | -0.020% |
| 57 | 4.466 | 4.459 | 4.474 | PH | -835   | -8045  | -0.15% | -0.006% |
| 58 | 4.496 | 4.474 | 4.551 | PH | -671   | -36762 | -0.70% | -0.027% |
| 59 | 4.570 | 4.551 | 4.589 | PH | -419   | -12235 | -0.23% | -0.009% |
| 60 | 4.596 | 4.589 | 4.621 | PH | -440   | -10387 | -0.20% | -0.008% |
|    |       |       |       |    |        |        |        |         |
| 61 | 4.626 | 4.621 | 4.689 | PH | -544   | -32763 | -0.62% | -0.024% |
| 62 | 4.699 | 4.689 | 4.731 | PH | -849   | -22961 | -0.44% | -0.017% |
| 63 | 4.750 | 4.731 | 4.790 | PH | -887   | -33139 | -0.63% | -0.024% |
| 64 | 4.811 | 4.790 | 4.831 | PH | -794   | -22721 | -0.43% | -0.017% |
| 65 | 4.846 | 4.831 | 4.866 | PH | -933   | -20441 | -0.39% | -0.015% |
|    |       |       |       |    |        |        |        |         |
| 66 | 4.877 | 4.866 | 4.921 | PH | -931   | -34172 | -0.65% | -0.025% |
| 67 | 4.942 | 4.921 | 5.006 | PH | -950   | -52041 | -0.99% | -0.038% |
| 68 | 5.028 | 5.006 | 5.044 | PH | -946   | -22957 | -0.44% | -0.017% |
| 69 | 5.060 | 5.044 | 5.071 | PH | -894   | -15352 | -0.29% | -0.011% |
| 70 | 5.078 | 5.071 | 5.131 | PH | -933   | -35944 | -0.68% | -0.027% |
|    |       |       |       |    |        |        |        |         |
| 71 | 5.178 | 5.131 | 5.202 | PH | -849   | -41383 | -0.79% | -0.031% |
| 72 | 5.215 | 5.202 | 5.237 | PH | -891   | -20438 | -0.39% | -0.015% |
| 73 | 5.244 | 5.237 | 5.256 | PH | -924   | -10857 | -0.21% | -0.008% |
| 74 | 5.269 | 5.256 | 5.292 | PH | -948   | -22624 | -0.43% | -0.017% |
| 75 | 5.307 | 5.292 | 5.324 | PH | -975   | -19867 | -0.38% | -0.015% |
|    |       |       |       |    |        |        |        |         |
| 76 | 5.338 | 5.324 | 5.352 | PH | -964   | -18200 | -0.35% | -0.013% |
| 77 | 5.383 | 5.352 | 5.429 | PH | -796   | -45703 | -0.87% | -0.034% |
| 78 | 5.449 | 5.429 | 5.477 | PH | -952   | -29673 | -0.56% | -0.022% |
| 79 | 5.483 | 5.477 | 5.499 | PH | -1053  | -13840 | -0.26% | -0.010% |
| 80 | 5.514 | 5.499 | 5.534 | PH | -1061  | -23285 | -0.44% | -0.017% |
|    |       |       |       |    |        |        |        |         |
| 81 | 5.561 | 5.534 | 5.588 | PH | -888   | -34443 | -0.65% | -0.025% |
| 82 | 5.598 | 5.588 | 5.612 | PH | -1071  | -16319 | -0.31% | -0.012% |
| 83 | 5.623 | 5.612 | 5.637 | PH | -1047  | -16164 | -0.31% | -0.012% |
| 84 | 5.664 | 5.637 | 5.675 | PH | -806   | -21251 | -0.40% | -0.016% |
| 85 | 5.715 | 5.675 | 5.855 | PH | -584   | -93349 | -1.77% | -0.069% |
|    |       |       |       |    |        |        |        |         |
| 86 | 5.862 | 5.855 | 5.877 | PH | -975   | -14860 | -0.28% | -0.011% |
| 87 | 5.889 | 5.877 | 5.912 | PH | -1031  | -21667 | -0.41% | -0.016% |
| 88 | 5.948 | 5.912 | 5.966 | PH | -754   | -29401 | -0.56% | -0.022% |
| 89 | 5.975 | 5.966 | 6.006 | PH | -783   | -21330 | -0.41% | -0.016% |

|     |       |       |       |    |        |         |        |         |
|-----|-------|-------|-------|----|--------|---------|--------|---------|
|     |       |       |       |    | rteres |         |        |         |
| 90  | 6.027 | 6.006 | 6.054 | PH | -790   | -26430  | -0.50% | -0.020% |
| 91  | 6.078 | 6.054 | 6.146 | PH | -701   | -52628  | -1.00% | -0.039% |
| 92  | 6.168 | 6.146 | 6.186 | PH | -931   | -24337  | -0.46% | -0.018% |
| 93  | 6.363 | 6.186 | 6.434 | PH | -581   | -134922 | -2.56% | -0.100% |
| 94  | 6.449 | 6.434 | 6.471 | PH | -1021  | -22432  | -0.43% | -0.017% |
| 95  | 6.481 | 6.471 | 6.497 | PH | -993   | -16723  | -0.32% | -0.012% |
| 96  | 6.509 | 6.497 | 6.541 | PH | -874   | -26687  | -0.51% | -0.020% |
| 97  | 6.549 | 6.541 | 6.571 | PH | -991   | -18893  | -0.36% | -0.014% |
| 98  | 6.591 | 6.571 | 6.607 | PH | -1043  | -23574  | -0.45% | -0.017% |
| 99  | 6.619 | 6.607 | 6.664 | PH | -1031  | -37845  | -0.72% | -0.028% |
| 100 | 6.707 | 6.664 | 6.734 | PH | -845   | -41180  | -0.78% | -0.030% |
| 101 | 6.771 | 6.734 | 6.836 | PH | -751   | -56131  | -1.07% | -0.041% |
| 102 | 6.858 | 6.836 | 6.911 | PH | -832   | -42030  | -0.80% | -0.031% |
| 103 | 6.920 | 6.911 | 6.952 | PH | -881   | -22846  | -0.43% | -0.017% |
| 104 | 7.007 | 6.952 | 7.042 | PH | -627   | -44359  | -0.84% | -0.033% |
| 105 | 7.062 | 7.042 | 7.100 | PH | -706   | -29041  | -0.55% | -0.021% |
| 106 | 7.131 | 7.100 | 7.215 | PH | -478   | -53039  | -1.01% | -0.039% |
| 107 | 7.238 | 7.215 | 7.256 | PH | -828   | -22064  | -0.42% | -0.016% |
| 108 | 7.287 | 7.256 | 7.321 | PH | -720   | -32885  | -0.62% | -0.024% |
| 109 | 7.330 | 7.321 | 7.354 | PH | -871   | -19054  | -0.36% | -0.014% |
| 110 | 7.360 | 7.354 | 7.374 | PH | -903   | -11550  | -0.22% | -0.009% |
| 111 | 7.404 | 7.374 | 7.435 | PH | -795   | -35780  | -0.68% | -0.026% |
| 112 | 7.455 | 7.435 | 7.526 | PH | -937   | -55170  | -1.05% | -0.041% |
| 113 | 7.570 | 7.526 | 7.610 | PH | -841   | -49319  | -0.94% | -0.036% |
| 114 | 7.625 | 7.610 | 7.664 | PH | -920   | -32727  | -0.62% | -0.024% |
| 115 | 7.707 | 7.664 | 7.722 | PH | -908   | -33383  | -0.63% | -0.025% |
| 116 | 7.740 | 7.722 | 7.748 | PH | -834   | -13257  | -0.25% | -0.010% |
| 117 | 7.758 | 7.748 | 7.824 | PH | -797   | -43188  | -0.82% | -0.032% |
| 118 | 7.851 | 7.824 | 7.861 | PH | -818   | -19982  | -0.38% | -0.015% |
| 119 | 7.890 | 7.861 | 7.942 | PH | -310   | -32418  | -0.62% | -0.024% |
| 120 | 8.001 | 7.942 | 8.051 | PH | -398   | -37614  | -0.71% | -0.028% |
| 121 | 8.090 | 8.051 | 8.106 | PH | 612    | -4755   | -0.09% | -0.004% |
| 122 | 8.120 | 8.106 | 8.139 | PH | 21     | -309    | -0.01% | -0.000% |
| 123 | 8.158 | 8.139 | 8.198 | PH | 538    | 5182    | 0.10%  | 0.004%  |
| 124 | 8.225 | 8.198 | 8.247 | PH | 3464   | 49400   | 0.94%  | 0.037%  |
| 125 | 8.272 | 8.247 | 8.348 | HH | 11108  | 210785  | 4.00%  | 0.156%  |
| 126 | 8.360 | 8.348 | 8.492 | HH | 355    | -21656  | -0.41% | -0.016% |
| 127 | 8.505 | 8.492 | 8.517 | PH | -493   | -7073   | -0.13% | -0.005% |
| 128 | 8.568 | 8.517 | 8.593 | PH | 673    | -3378   | -0.06% | -0.002% |
| 129 | 8.607 | 8.593 | 8.667 | PH | -65    | -9179   | -0.17% | -0.007% |
| 130 | 8.692 | 8.667 | 8.732 | PH | -174   | -13850  | -0.26% | -0.010% |
| 131 | 8.755 | 8.732 | 8.782 | PH | -247   | -12539  | -0.24% | -0.009% |
| 132 | 8.808 | 8.782 | 8.827 | PH | 43     | -5877   | -0.11% | -0.004% |
| 133 | 8.839 | 8.827 | 8.856 | PH | -97    | -2955   | -0.06% | -0.002% |
| 134 | 8.877 | 8.856 | 8.914 | PH | 940    | 10913   | 0.21%  | 0.008%  |
| 135 | 8.928 | 8.914 | 8.953 | PH | -10    | -1837   | -0.03% | -0.001% |
| 136 | 8.976 | 8.953 | 8.998 | PH | 1217   | 11513   | 0.22%  | 0.009%  |
| 137 | 9.017 | 8.998 | 9.067 | PH | 923    | 8088    | 0.15%  | 0.006%  |
| 138 | 9.095 | 9.067 | 9.105 | PH | -20    | -3246   | -0.06% | -0.002% |
| 139 | 9.129 | 9.105 | 9.151 | PH | 1648   | 17433   | 0.33%  | 0.013%  |
| 140 | 9.167 | 9.151 | 9.193 | HH | 697    | 7621    | 0.14%  | 0.006%  |
| 141 | 9.221 | 9.193 | 9.251 | PH | 1625   | 25957   | 0.49%  | 0.019%  |

|     |        |        |        |    | rteres |        |        |         |
|-----|--------|--------|--------|----|--------|--------|--------|---------|
| 142 | 9.266  | 9.251  | 9.292  | HH | 1116   | 16434  | 0.31%  | 0.012%  |
| 143 | 9.312  | 9.292  | 9.341  | PH | 1531   | 22456  | 0.43%  | 0.017%  |
| 144 | 9.368  | 9.341  | 9.411  | HH | 2458   | 50405  | 0.96%  | 0.037%  |
| 145 | 9.429  | 9.411  | 9.461  | HH | 1254   | 19155  | 0.36%  | 0.014%  |
|     |        |        |        |    |        |        |        |         |
| 146 | 9.501  | 9.461  | 9.547  | HH | 1729   | 37728  | 0.72%  | 0.028%  |
| 147 | 9.560  | 9.547  | 9.599  | HH | 647    | 10686  | 0.20%  | 0.008%  |
| 148 | 9.621  | 9.599  | 9.657  | HH | 1057   | 16998  | 0.32%  | 0.013%  |
| 149 | 9.679  | 9.657  | 9.739  | HH | 1070   | 26307  | 0.50%  | 0.019%  |
| 150 | 9.755  | 9.739  | 9.805  | HH | 1294   | 24542  | 0.47%  | 0.018%  |
|     |        |        |        |    |        |        |        |         |
| 151 | 9.864  | 9.805  | 9.896  | HH | 507    | 17302  | 0.33%  | 0.013%  |
| 152 | 9.927  | 9.896  | 10.004 | PH | 544    | 4114   | 0.08%  | 0.003%  |
| 153 | 10.021 | 10.004 | 10.033 | PH | -92    | -3199  | -0.06% | -0.002% |
| 154 | 10.051 | 10.033 | 10.072 | PH | -16    | -1982  | -0.04% | -0.001% |
| 155 | 10.096 | 10.072 | 10.124 | PH | 734    | 9723   | 0.18%  | 0.007%  |
|     |        |        |        |    |        |        |        |         |
| 156 | 10.143 | 10.124 | 10.165 | HH | 312    | 3925   | 0.07%  | 0.003%  |
| 157 | 10.200 | 10.165 | 10.216 | PH | 1276   | 20034  | 0.38%  | 0.015%  |
| 158 | 10.237 | 10.216 | 10.260 | HH | 1834   | 35272  | 0.67%  | 0.026%  |
| 159 | 10.281 | 10.260 | 10.309 | HH | 2017   | 35698  | 0.68%  | 0.026%  |
| 160 | 10.350 | 10.309 | 10.391 | HH | 2187   | 61977  | 1.18%  | 0.046%  |
|     |        |        |        |    |        |        |        |         |
| 161 | 10.444 | 10.391 | 10.467 | HH | 1699   | 64528  | 1.23%  | 0.048%  |
| 162 | 10.493 | 10.467 | 10.507 | HH | 2618   | 49013  | 0.93%  | 0.036%  |
| 163 | 10.519 | 10.507 | 10.539 | HH | 2395   | 35601  | 0.68%  | 0.026%  |
| 164 | 10.564 | 10.539 | 10.615 | HH | 2670   | 79364  | 1.51%  | 0.059%  |
| 165 | 10.627 | 10.615 | 10.650 | HH | 1257   | 22874  | 0.43%  | 0.017%  |
|     |        |        |        |    |        |        |        |         |
| 166 | 10.718 | 10.650 | 10.733 | HH | 1317   | 49263  | 0.94%  | 0.036%  |
| 167 | 10.759 | 10.733 | 10.817 | HH | 22839  | 409280 | 7.78%  | 0.303%  |
| 168 | 10.841 | 10.817 | 10.982 | HH | 8519   | 283859 | 5.39%  | 0.210%  |
| 169 | 11.003 | 10.982 | 11.037 | HH | 960    | 28252  | 0.54%  | 0.021%  |
| 170 | 11.067 | 11.037 | 11.090 | HH | 2490   | 53847  | 1.02%  | 0.040%  |
|     |        |        |        |    |        |        |        |         |
| 171 | 11.127 | 11.090 | 11.137 | HH | 2343   | 55736  | 1.06%  | 0.041%  |
| 172 | 11.152 | 11.137 | 11.177 | HH | 2332   | 46987  | 0.89%  | 0.035%  |
| 173 | 11.197 | 11.177 | 11.215 | HH | 2519   | 43426  | 0.83%  | 0.032%  |
| 174 | 11.245 | 11.215 | 11.267 | HH | 2442   | 63471  | 1.21%  | 0.047%  |
| 175 | 11.290 | 11.267 | 11.334 | HH | 4775   | 111004 | 2.11%  | 0.082%  |
|     |        |        |        |    |        |        |        |         |
| 176 | 11.354 | 11.334 | 11.374 | HH | 2594   | 47708  | 0.91%  | 0.035%  |
| 177 | 11.394 | 11.374 | 11.426 | HH | 3014   | 79606  | 1.51%  | 0.059%  |
| 178 | 11.442 | 11.426 | 11.502 | HH | 3855   | 114340 | 2.17%  | 0.085%  |
| 179 | 11.510 | 11.502 | 11.532 | HH | 1663   | 28605  | 0.54%  | 0.021%  |
| 180 | 11.562 | 11.532 | 11.579 | HH | 12105  | 179712 | 3.41%  | 0.133%  |
|     |        |        |        |    |        |        |        |         |
| 181 | 11.595 | 11.579 | 11.643 | HH | 12972  | 252538 | 4.80%  | 0.187%  |
| 182 | 11.673 | 11.643 | 11.691 | HH | 9903   | 179029 | 3.40%  | 0.132%  |
| 183 | 11.709 | 11.691 | 11.725 | HH | 12027  | 175541 | 3.34%  | 0.130%  |
| 184 | 11.742 | 11.725 | 11.796 | HH | 13503  | 282020 | 5.36%  | 0.208%  |
| 185 | 11.808 | 11.796 | 11.831 | HH | 2593   | 50313  | 0.96%  | 0.037%  |
|     |        |        |        |    |        |        |        |         |
| 186 | 11.867 | 11.831 | 11.886 | HH | 3561   | 89173  | 1.69%  | 0.066%  |
| 187 | 11.901 | 11.886 | 11.915 | HH | 2693   | 43652  | 0.83%  | 0.032%  |
| 188 | 11.962 | 11.915 | 12.013 | HH | 6041   | 217586 | 4.13%  | 0.161%  |
| 189 | 12.041 | 12.013 | 12.082 | HH | 6197   | 184090 | 3.50%  | 0.136%  |
| 190 | 12.124 | 12.082 | 12.161 | HH | 8997   | 236447 | 4.49%  | 0.175%  |
|     |        |        |        |    |        |        |        |         |
| 191 | 12.175 | 12.161 | 12.201 | HH | 3863   | 84174  | 1.60%  | 0.062%  |
| 192 | 12.214 | 12.201 | 12.229 | HH | 3293   | 51965  | 0.99%  | 0.038%  |
| 193 | 12.258 | 12.229 | 12.271 | HH | 3357   | 81109  | 1.54%  | 0.060%  |
| 194 | 12.307 | 12.271 | 12.333 | HH | 4962   | 151231 | 2.87%  | 0.112%  |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.355 | 12.333 | 12.399 | HH | 7052   | 196552  | 3.73%  | 0.145% |
| 196 | 12.461 | 12.399 | 12.482 | HH | 19249  | 428898  | 8.15%  | 0.317% |
| 197 | 12.501 | 12.482 | 12.556 | HH | 10584  | 357495  | 6.79%  | 0.264% |
| 198 | 12.580 | 12.556 | 12.654 | HH | 52013  | 920430  | 17.49% | 0.680% |
| 199 | 12.678 | 12.654 | 12.695 | HH | 4822   | 103454  | 1.97%  | 0.076% |
| 200 | 12.728 | 12.695 | 12.754 | HH | 8731   | 221365  | 4.21%  | 0.164% |
| 201 | 12.770 | 12.754 | 12.809 | HH | 7282   | 191131  | 3.63%  | 0.141% |
| 202 | 12.829 | 12.809 | 12.852 | HH | 7062   | 156310  | 2.97%  | 0.116% |
| 203 | 12.878 | 12.852 | 12.926 | HH | 58159  | 935089  | 17.77% | 0.691% |
| 204 | 12.938 | 12.926 | 12.957 | HH | 6847   | 113864  | 2.16%  | 0.084% |
| 205 | 12.975 | 12.957 | 13.001 | HH | 6952   | 152293  | 2.89%  | 0.113% |
| 206 | 13.014 | 13.001 | 13.025 | HH | 4914   | 70192   | 1.33%  | 0.052% |
| 207 | 13.057 | 13.025 | 13.101 | HH | 5741   | 218345  | 4.15%  | 0.161% |
| 208 | 13.123 | 13.101 | 13.138 | HH | 5250   | 102440  | 1.95%  | 0.076% |
| 209 | 13.162 | 13.138 | 13.191 | HH | 7450   | 189883  | 3.61%  | 0.140% |
| 210 | 13.212 | 13.191 | 13.252 | HH | 8366   | 213546  | 4.06%  | 0.158% |
| 211 | 13.274 | 13.252 | 13.285 | HH | 6412   | 108762  | 2.07%  | 0.080% |
| 212 | 13.303 | 13.285 | 13.321 | HH | 7306   | 136362  | 2.59%  | 0.101% |
| 213 | 13.345 | 13.321 | 13.407 | HH | 10612  | 365793  | 6.95%  | 0.270% |
| 214 | 13.475 | 13.407 | 13.522 | HH | 15958  | 601505  | 11.43% | 0.445% |
| 215 | 13.535 | 13.522 | 13.556 | HH | 6213   | 114439  | 2.17%  | 0.085% |
| 216 | 13.584 | 13.556 | 13.601 | HH | 9126   | 191849  | 3.64%  | 0.142% |
| 217 | 13.622 | 13.601 | 13.686 | HH | 13866  | 428517  | 8.14%  | 0.317% |
| 218 | 13.712 | 13.686 | 13.729 | HH | 9606   | 205405  | 3.90%  | 0.152% |
| 219 | 13.750 | 13.729 | 13.773 | HH | 16813  | 302686  | 5.75%  | 0.224% |
| 220 | 13.792 | 13.773 | 13.841 | HH | 13297  | 336190  | 6.39%  | 0.248% |
| 221 | 13.849 | 13.841 | 13.896 | HH | 5452   | 166081  | 3.16%  | 0.123% |
| 222 | 13.922 | 13.896 | 13.931 | HH | 5624   | 108238  | 2.06%  | 0.080% |
| 223 | 13.944 | 13.931 | 13.967 | HH | 5590   | 114062  | 2.17%  | 0.084% |
| 224 | 13.977 | 13.967 | 14.021 | HH | 4931   | 150774  | 2.86%  | 0.111% |
| 225 | 14.063 | 14.021 | 14.082 | HH | 5877   | 189159  | 3.59%  | 0.140% |
| 226 | 14.087 | 14.082 | 14.096 | HH | 5871   | 46207   | 0.88%  | 0.034% |
| 227 | 14.110 | 14.096 | 14.129 | HH | 5964   | 114710  | 2.18%  | 0.085% |
| 228 | 14.185 | 14.129 | 14.200 | HH | 8626   | 302200  | 5.74%  | 0.223% |
| 229 | 14.234 | 14.200 | 14.259 | HH | 9219   | 289443  | 5.50%  | 0.214% |
| 230 | 14.280 | 14.259 | 14.296 | HH | 8938   | 179798  | 3.42%  | 0.133% |
| 231 | 14.316 | 14.296 | 14.366 | HH | 9424   | 333697  | 6.34%  | 0.247% |
| 232 | 14.413 | 14.366 | 14.434 | HH | 12234  | 391257  | 7.43%  | 0.289% |
| 233 | 14.455 | 14.434 | 14.503 | HH | 16446  | 467085  | 8.87%  | 0.345% |
| 234 | 14.515 | 14.503 | 14.536 | HH | 8218   | 154855  | 2.94%  | 0.114% |
| 235 | 14.571 | 14.536 | 14.589 | HH | 9202   | 271873  | 5.17%  | 0.201% |
| 236 | 14.616 | 14.589 | 14.645 | HH | 32732  | 597844  | 11.36% | 0.442% |
| 237 | 14.654 | 14.645 | 14.702 | HH | 8550   | 238225  | 4.53%  | 0.176% |
| 238 | 14.735 | 14.702 | 14.748 | HH | 9202   | 210762  | 4.00%  | 0.156% |
| 239 | 14.774 | 14.748 | 14.792 | HH | 28546  | 487368  | 9.26%  | 0.360% |
| 240 | 14.813 | 14.792 | 14.901 | HH | 33536  | 1000926 | 19.02% | 0.740% |
| 241 | 14.931 | 14.901 | 14.951 | HH | 11241  | 296149  | 5.63%  | 0.219% |
| 242 | 14.965 | 14.951 | 15.036 | HH | 11163  | 484819  | 9.21%  | 0.358% |
| 243 | 15.046 | 15.036 | 15.060 | HH | 8192   | 118791  | 2.26%  | 0.088% |
| 244 | 15.096 | 15.060 | 15.108 | HH | 10302  | 276333  | 5.25%  | 0.204% |
| 245 | 15.127 | 15.108 | 15.149 | HH | 11123  | 251961  | 4.79%  | 0.186% |
| 246 | 15.156 | 15.149 | 15.176 | HH | 9584   | 147859  | 2.81%  | 0.109% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 15.206 | 15.176 | 15.312 | HH | 18573 | 931114  | 17.69% | 0.688% |
| 248    | 15.360 | 15.312 | 15.384 | HH | 11035 | 421120  | 8.00%  | 0.311% |
| 249    | 15.410 | 15.384 | 15.428 | HH | 14118 | 302435  | 5.75%  | 0.224% |
| 250    | 15.452 | 15.428 | 15.476 | HH | 21189 | 457651  | 8.69%  | 0.338% |
|        |        |        |        |    |       |         |        |        |
| 251    | 15.489 | 15.476 | 15.526 | HH | 14755 | 371428  | 7.06%  | 0.275% |
| 252    | 15.559 | 15.526 | 15.573 | HH | 11942 | 313097  | 5.95%  | 0.231% |
| 253    | 15.622 | 15.573 | 15.667 | HH | 14925 | 709690  | 13.48% | 0.525% |
| 254    | 15.678 | 15.667 | 15.686 | HH | 10576 | 114590  | 2.18%  | 0.085% |
| 255    | 15.695 | 15.686 | 15.710 | HH | 10590 | 151440  | 2.88%  | 0.112% |
|        |        |        |        |    |       |         |        |        |
| 256    | 15.720 | 15.710 | 15.759 | HH | 10400 | 291715  | 5.54%  | 0.216% |
| 257    | 15.781 | 15.759 | 15.791 | HH | 10516 | 192040  | 3.65%  | 0.142% |
| 258    | 15.806 | 15.791 | 15.822 | HH | 10445 | 190114  | 3.61%  | 0.141% |
| 259    | 15.847 | 15.822 | 15.891 | HH | 12757 | 445540  | 8.46%  | 0.329% |
| 260    | 15.911 | 15.891 | 15.939 | HH | 10776 | 293956  | 5.58%  | 0.217% |
|        |        |        |        |    |       |         |        |        |
| 261    | 15.959 | 15.939 | 16.011 | HH | 10127 | 416991  | 7.92%  | 0.308% |
| 262    | 16.054 | 16.011 | 16.076 | HH | 11967 | 420590  | 7.99%  | 0.311% |
| 263    | 16.100 | 16.076 | 16.116 | HH | 11641 | 261924  | 4.98%  | 0.194% |
| 264    | 16.148 | 16.116 | 16.184 | HH | 13371 | 503889  | 9.57%  | 0.372% |
| 265    | 16.223 | 16.184 | 16.290 | HH | 19049 | 923756  | 17.55% | 0.683% |
|        |        |        |        |    |       |         |        |        |
| 266    | 16.344 | 16.290 | 16.366 | HH | 36518 | 974491  | 18.51% | 0.720% |
| 267    | 16.373 | 16.366 | 16.451 | HH | 22845 | 833098  | 15.83% | 0.616% |
| 268    | 16.478 | 16.451 | 16.577 | HH | 16907 | 999277  | 18.99% | 0.739% |
| 269    | 16.623 | 16.577 | 16.644 | HH | 19006 | 574977  | 10.92% | 0.425% |
| 270    | 16.669 | 16.644 | 16.707 | HH | 28056 | 734348  | 13.95% | 0.543% |
|        |        |        |        |    |       |         |        |        |
| 271    | 16.733 | 16.707 | 16.782 | HH | 29574 | 921137  | 17.50% | 0.681% |
| 272    | 16.799 | 16.782 | 16.819 | HH | 19948 | 389339  | 7.40%  | 0.288% |
| 273    | 16.837 | 16.819 | 16.857 | HH | 18014 | 385601  | 7.33%  | 0.285% |
| 274    | 16.877 | 16.857 | 16.919 | HH | 19717 | 598340  | 11.37% | 0.442% |
| 275    | 16.976 | 16.919 | 17.014 | HH | 17038 | 887245  | 16.86% | 0.656% |
|        |        |        |        |    |       |         |        |        |
| 276    | 17.034 | 17.014 | 17.062 | HH | 15595 | 436585  | 8.29%  | 0.323% |
| 277    | 17.105 | 17.062 | 17.146 | HH | 17887 | 843944  | 16.03% | 0.624% |
| 278    | 17.170 | 17.146 | 17.207 | HH | 22069 | 685695  | 13.03% | 0.507% |
| 279    | 17.254 | 17.207 | 17.295 | HH | 26458 | 1020740 | 19.39% | 0.754% |
| 280    | 17.330 | 17.295 | 17.370 | HH | 18273 | 763947  | 14.51% | 0.565% |
|        |        |        |        |    |       |         |        |        |
| 281    | 17.398 | 17.370 | 17.484 | HH | 18685 | 1192351 | 22.65% | 0.881% |
| 282    | 17.526 | 17.484 | 17.554 | HH | 17153 | 701869  | 13.33% | 0.519% |
| 283    | 17.585 | 17.554 | 17.603 | HH | 18006 | 506203  | 9.62%  | 0.374% |
| 284    | 17.618 | 17.603 | 17.644 | HH | 18111 | 441078  | 8.38%  | 0.326% |
| 285    | 17.692 | 17.644 | 17.739 | HH | 28267 | 1180106 | 22.42% | 0.872% |
|        |        |        |        |    |       |         |        |        |
| 286    | 17.782 | 17.739 | 17.807 | HH | 23954 | 860213  | 16.34% | 0.636% |
| 287    | 17.834 | 17.807 | 17.864 | HH | 21602 | 698881  | 13.28% | 0.517% |
| 288    | 17.920 | 17.864 | 17.957 | HH | 22420 | 1193749 | 22.68% | 0.882% |
| 289    | 17.966 | 17.957 | 17.986 | HH | 21093 | 351536  | 6.68%  | 0.260% |
| 290    | 18.022 | 17.986 | 18.035 | HH | 25676 | 696360  | 13.23% | 0.515% |
|        |        |        |        |    |       |         |        |        |
| 291    | 18.057 | 18.035 | 18.088 | HH | 28396 | 798539  | 15.17% | 0.590% |
| 292    | 18.120 | 18.088 | 18.191 | HH | 41696 | 1750012 | 33.25% | 1.293% |
| 293    | 18.202 | 18.191 | 18.237 | HH | 24036 | 651433  | 12.38% | 0.481% |
| 294    | 18.291 | 18.237 | 18.312 | HH | 24509 | 1068176 | 20.29% | 0.790% |
| 295    | 18.331 | 18.312 | 18.352 | HH | 23853 | 568670  | 10.80% | 0.420% |
|        |        |        |        |    |       |         |        |        |
| 296    | 18.379 | 18.352 | 18.457 | HH | 32319 | 1660729 | 31.55% | 1.227% |
| 297    | 18.530 | 18.457 | 18.589 | HH | 39464 | 2232987 | 42.42% | 1.650% |
| 298    | 18.633 | 18.589 | 18.685 | HH | 32843 | 1601001 | 30.42% | 1.183% |
| 299    | 18.724 | 18.685 | 18.752 | HH | 27417 | 1067428 | 20.28% | 0.789% |

|     |        |        |        |    |                         |         |         |        |           |
|-----|--------|--------|--------|----|-------------------------|---------|---------|--------|-----------|
|     |        |        |        |    | rteres                  |         |         |        |           |
| 300 | 18.816 | 18.752 | 18.828 | HH | 28267                   | 1225460 | 23.28%  | 0.906% |           |
| 301 | 18.851 | 18.828 | 18.858 | HH | 28620                   | 513395  | 9.75%   | 0.379% |           |
| 302 | 18.892 | 18.858 | 18.911 | HH | 36042                   | 1014301 | 19.27%  | 0.750% |           |
| 303 | 18.931 | 18.911 | 18.977 | HH | 37029                   | 1301469 | 24.73%  | 0.962% |           |
| 304 | 19.011 | 18.977 | 19.042 | HH | 30639                   | 1183194 | 22.48%  | 0.875% |           |
| 305 | 19.074 | 19.042 | 19.123 | HH | 31995                   | 1484121 | 28.20%  | 1.097% |           |
| 306 | 19.169 | 19.123 | 19.204 | HH | 31583                   | 1504503 | 28.58%  | 1.112% |           |
| 307 | 19.231 | 19.204 | 19.267 | HH | 31224                   | 1168616 | 22.20%  | 0.864% |           |
| 308 | 19.321 | 19.267 | 19.361 | HH | 36227                   | 1832222 | 34.81%  | 1.354% |           |
| 309 | 19.386 | 19.361 | 19.403 | HH | 35383                   | 864082  | 16.42%  | 0.639% |           |
| 310 | 19.432 | 19.403 | 19.484 | HH | 46345                   | 1819378 | 34.57%  | 1.345% |           |
| 311 | 19.496 | 19.484 | 19.512 | HH | 34389                   | 587134  | 11.15%  | 0.434% |           |
| 312 | 19.570 | 19.512 | 19.592 | HH | 37350                   | 1714511 | 32.57%  | 1.267% |           |
| 313 | 19.629 | 19.592 | 19.642 | HH | 38025                   | 1127543 | 21.42%  | 0.833% |           |
| 314 | 19.673 | 19.642 | 19.796 | HH | 46971                   | 3804677 | 72.28%  | 2.812% |           |
| 315 | 19.960 | 19.796 | 20.006 | HH | 45228                   | 5263463 | 100.00% | 3.890% |           |
| 316 | 20.069 | 20.006 | 20.092 | HH | 50054                   | 2443940 | 46.43%  | 1.806% |           |
| 317 | 20.105 | 20.092 | 20.131 | HH | 47395                   | 1084959 | 20.61%  | 0.802% |           |
| 318 | 20.190 | 20.131 | 20.252 | HH | 51532                   | 3619379 | 68.76%  | 2.675% |           |
| 319 | 20.300 | 20.252 | 20.320 | HH | 51090                   | 2036519 | 38.69%  | 1.505% |           |
| 320 | 20.335 | 20.320 | 20.357 | HH | 50885                   | 1135789 | 21.58%  | 0.839% |           |
| 321 | 20.370 | 20.357 | 20.379 | HH | 50609                   | 657557  | 12.49%  | 0.486% |           |
| 322 | 20.426 | 20.379 | 20.519 | HH | 52873                   | 4267820 | 81.08%  | 3.154% |           |
| 323 | 20.595 | 20.519 | 20.646 | HH | 51405                   | 3861474 | 73.36%  | 2.854% |           |
| 324 | 20.664 | 20.646 | 20.684 | HH | 51043                   | 1167779 | 22.19%  | 0.863% |           |
| 325 | 20.731 | 20.684 | 20.741 | HH | 51418                   | 1741055 | 33.08%  | 1.287% |           |
| 326 | 20.752 | 20.741 | 20.775 | HH | 51631                   | 1061308 | 20.16%  | 0.784% |           |
| 327 | 20.809 | 20.775 | 20.855 | HH | 53424                   | 2504005 | 47.57%  | 1.851% |           |
| 328 | 20.866 | 20.855 | 20.889 | HH | 51597                   | 1044507 | 19.84%  | 0.772% |           |
| 329 | 20.918 | 20.889 | 20.954 | HH | 51515                   | 2005291 | 38.10%  | 1.482% |           |
| 330 | 20.963 | 20.954 | 20.981 | HH | 51697                   | 823958  | 15.65%  | 0.609% |           |
| 331 | 21.007 | 20.981 | 21.087 | HH | 51955                   | 3310907 | 62.90%  | 2.447% |           |
| 332 | 21.116 | 21.087 | 21.151 | HH | 52080                   | 1966851 | 37.37%  | 1.454% |           |
| 333 | 21.173 | 21.151 | 21.202 | HH | 51572                   | 1572104 | 29.87%  | 1.162% |           |
| 334 | 21.233 | 21.202 | 21.268 | HH | 51879                   | 2057169 | 39.08%  | 1.521% |           |
| 335 | 21.300 | 21.268 | 21.311 | HH | 51263                   | 1318194 | 25.04%  | 0.974% |           |
| 336 | 21.324 | 21.311 | 21.336 | HH | 51212                   | 759631  | 14.43%  | 0.561% |           |
| 337 | 21.344 | 21.336 | 21.388 | HH | 51114                   | 1578040 | 29.98%  | 1.166% |           |
| 338 | 21.408 | 21.388 | 21.427 | HH | 51111                   | 1195228 | 22.71%  | 0.883% |           |
| 339 | 21.451 | 21.427 | 21.536 | HH | 51383                   | 3361909 | 63.87%  | 2.485% |           |
| 340 | 21.546 | 21.536 | 21.556 | HH | 50622                   | 578471  | 10.99%  | 0.428% |           |
| 341 | 21.595 | 21.556 | 21.632 | HH | 50907                   | 2318863 | 44.06%  | 1.714% |           |
| 342 | 21.641 | 21.632 | 21.654 | HH | 50869                   | 672534  | 12.78%  | 0.497% |           |
| 343 | 21.717 | 21.654 | 21.792 | HH | 52087                   | 4241011 | 80.57%  | 3.135% |           |
|     |        |        |        |    | Sum of corrected areas: |         |         |        | 135294073 |

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