

rteres

## Area Percent Report

Data Path : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\FID\_E\Data\FE012519\  
 Data File : FE029526.D  
 Signal(s) : FID1B.CH  
 Acq On : 25 Jan 2019 23:29  
 Sample : K1238-14  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Integration File: sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\C44-FE010419.M  
 Title :

Signal : FID1B.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         | 2.500       | 2.465        | 2.675      | BH       | 754            | -34515       | -1.01%         | -0.073%       |
| 2         | 2.693       | 2.675        | 2.712      | PH       | -358           | -10905       | -0.32%         | -0.023%       |
| 3         | 2.725       | 2.712        | 2.766      | PH       | -311           | -17639       | -0.52%         | -0.037%       |
| 4         | 2.774       | 2.766        | 2.822      | PH       | -665           | -27529       | -0.81%         | -0.058%       |
| 5         | 2.829       | 2.822        | 2.910      | PH       | -863           | -51319       | -1.51%         | -0.108%       |
| 6         | 2.945       | 2.910        | 2.971      | PH       | -954           | -37395       | -1.10%         | -0.079%       |
| 7         | 2.982       | 2.971        | 2.990      | PH       | -1065          | -12001       | -0.35%         | -0.025%       |
| 8         | 2.994       | 2.990        | 3.015      | PH       | -1057          | -16857       | -0.49%         | -0.036%       |
| 9         | 3.025       | 3.015        | 3.042      | PH       | -1144          | -18524       | -0.54%         | -0.039%       |
| 10        | 3.049       | 3.042        | 3.056      | PH       | -1067          | -9652        | -0.28%         | -0.020%       |
| 11        | 3.061       | 3.056        | 3.092      | PH       | -1072          | -24717       | -0.73%         | -0.052%       |
| 12        | 3.099       | 3.092        | 3.117      | PH       | -1120          | -17680       | -0.52%         | -0.037%       |
| 13        | 3.155       | 3.117        | 3.221      | PH       | -1018          | -72368       | -2.12%         | -0.153%       |
| 14        | 3.258       | 3.221        | 3.281      | PH       | -1232          | -45339       | -1.33%         | -0.096%       |
| 15        | 3.294       | 3.281        | 3.365      | PH       | -1133          | -62742       | -1.84%         | -0.133%       |
| 16        | 3.375       | 3.365        | 3.391      | PH       | -1249          | -20039       | -0.59%         | -0.042%       |
| 17        | 3.403       | 3.391        | 3.409      | PH       | -1309          | -14351       | -0.42%         | -0.030%       |
| 18        | 3.454       | 3.409        | 3.471      | PH       | -776           | -37432       | -1.10%         | -0.079%       |
| 19        | 3.489       | 3.471        | 3.531      | PH       | -124           | -27006       | -0.79%         | -0.057%       |
| 20        | 3.543       | 3.531        | 3.564      | PH       | -990           | -21686       | -0.64%         | -0.046%       |
| 21        | 3.572       | 3.564        | 3.587      | PH       | -1130          | -16128       | -0.47%         | -0.034%       |
| 22        | 3.598       | 3.587        | 3.637      | PH       | -1141          | -35622       | -1.04%         | -0.075%       |
| 23        | 3.649       | 3.637        | 3.668      | PH       | -1097          | -21284       | -0.62%         | -0.045%       |
| 24        | 3.678       | 3.668        | 3.712      | PH       | -1141          | -32600       | -0.96%         | -0.069%       |
| 25        | 3.719       | 3.712        | 3.752      | PH       | -1202          | -30190       | -0.89%         | -0.064%       |
| 26        | 3.762       | 3.752        | 3.772      | PH       | -1187          | -14944       | -0.44%         | -0.032%       |
| 27        | 3.781       | 3.772        | 3.822      | PH       | -1211          | -38810       | -1.14%         | -0.082%       |
| 28        | 3.836       | 3.822        | 3.878      | PH       | -1270          | -44917       | -1.32%         | -0.095%       |
| 29        | 3.898       | 3.878        | 3.944      | PH       | -1276          | -54207       | -1.59%         | -0.115%       |
| 30        | 3.964       | 3.944        | 4.008      | PH       | -1303          | -54119       | -1.59%         | -0.114%       |
| 31        | 4.018       | 4.008        | 4.043      | PH       | -1411          | -29717       | -0.87%         | -0.063%       |
| 32        | 4.051       | 4.043        | 4.059      | PH       | -1460          | -13881       | -0.41%         | -0.029%       |
| 33        | 4.070       | 4.059        | 4.138      | PH       | -1343          | -68507       | -2.01%         | -0.145%       |
| 34        | 4.154       | 4.138        | 4.170      | PH       | -1343          | -27013       | -0.79%         | -0.057%       |
| 35        | 4.191       | 4.170        | 4.385      | PH       | 7970           | 221378       | 6.49%          | 0.468%        |
| 36        | 4.390       | 4.385        | 4.482      | PH       | -392           | -33757       | -0.99%         | -0.071%       |

|    |       |       |       |    | rteres |        |        |         |
|----|-------|-------|-------|----|--------|--------|--------|---------|
| 37 | 4.490 | 4.482 | 4.508 | PH | -765   | -12756 | -0.37% | -0.027% |
| 38 | 4.544 | 4.508 | 4.585 | PH | 813    | -19799 | -0.58% | -0.042% |
| 39 | 4.597 | 4.585 | 4.611 | PH | -759   | -12886 | -0.38% | -0.027% |
| 40 | 4.624 | 4.611 | 4.669 | PH | -864   | -33541 | -0.98% | -0.071% |
|    |       |       |       |    |        |        |        |         |
| 41 | 4.674 | 4.669 | 4.688 | PH | -1020  | -12443 | -0.37% | -0.026% |
| 42 | 4.711 | 4.688 | 4.785 | PH | -187   | -46716 | -1.37% | -0.099% |
| 43 | 4.797 | 4.785 | 4.821 | PH | -953   | -22999 | -0.67% | -0.049% |
| 44 | 4.856 | 4.821 | 4.933 | PH | -1085  | -78680 | -2.31% | -0.166% |
| 45 | 4.950 | 4.933 | 4.960 | PH | -1164  | -20024 | -0.59% | -0.042% |
|    |       |       |       |    |        |        |        |         |
| 46 | 4.968 | 4.960 | 5.022 | PH | -1077  | -46346 | -1.36% | -0.098% |
| 47 | 5.031 | 5.022 | 5.076 | PH | -1223  | -40761 | -1.20% | -0.086% |
| 48 | 5.088 | 5.076 | 5.108 | PH | -1198  | -25421 | -0.75% | -0.054% |
| 49 | 5.146 | 5.108 | 5.167 | PH | -601   | -38747 | -1.14% | -0.082% |
| 50 | 5.178 | 5.167 | 5.195 | PH | -1164  | -19909 | -0.58% | -0.042% |
|    |       |       |       |    |        |        |        |         |
| 51 | 5.214 | 5.195 | 5.250 | PH | -1171  | -40843 | -1.20% | -0.086% |
| 52 | 5.265 | 5.250 | 5.308 | PH | -1210  | -45327 | -1.33% | -0.096% |
| 53 | 5.313 | 5.308 | 5.332 | PH | -1225  | -18061 | -0.53% | -0.038% |
| 54 | 5.335 | 5.332 | 5.342 | PH | -1209  | -8273  | -0.24% | -0.017% |
| 55 | 5.371 | 5.342 | 5.384 | PH | -1246  | -32227 | -0.95% | -0.068% |
|    |       |       |       |    |        |        |        |         |
| 56 | 5.456 | 5.384 | 5.466 | PH | -1095  | -59858 | -1.76% | -0.127% |
| 57 | 5.478 | 5.466 | 5.511 | PH | -1157  | -32624 | -0.96% | -0.069% |
| 58 | 5.530 | 5.511 | 5.554 | PH | -1184  | -31544 | -0.93% | -0.067% |
| 59 | 5.577 | 5.554 | 5.630 | PH | -168   | -45398 | -1.33% | -0.096% |
| 60 | 5.638 | 5.630 | 5.663 | PH | -1119  | -24067 | -0.71% | -0.051% |
|    |       |       |       |    |        |        |        |         |
| 61 | 5.705 | 5.663 | 5.778 | PH | -678   | -66119 | -1.94% | -0.140% |
| 62 | 5.788 | 5.778 | 5.822 | PH | -1089  | -31428 | -0.92% | -0.066% |
| 63 | 5.867 | 5.822 | 5.892 | PH | -1090  | -49660 | -1.46% | -0.105% |
| 64 | 5.902 | 5.892 | 6.012 | PH | -1106  | -86205 | -2.53% | -0.182% |
| 65 | 6.033 | 6.012 | 6.066 | PH | -1178  | -41460 | -1.22% | -0.088% |
|    |       |       |       |    |        |        |        |         |
| 66 | 6.082 | 6.066 | 6.103 | PH | -1288  | -29202 | -0.86% | -0.062% |
| 67 | 6.138 | 6.103 | 6.218 | PH | -967   | -83131 | -2.44% | -0.176% |
| 68 | 6.225 | 6.218 | 6.237 | PH | -1269  | -14643 | -0.43% | -0.031% |
| 69 | 6.265 | 6.237 | 6.305 | PH | 2023   | -21258 | -0.62% | -0.045% |
| 70 | 6.320 | 6.305 | 6.362 | PH | -1099  | -39496 | -1.16% | -0.083% |
|    |       |       |       |    |        |        |        |         |
| 71 | 6.370 | 6.362 | 6.392 | PH | -1104  | -20411 | -0.60% | -0.043% |
| 72 | 6.425 | 6.392 | 6.449 | PH | -968   | -36810 | -1.08% | -0.078% |
| 73 | 6.479 | 6.449 | 6.541 | PH | -787   | -55249 | -1.62% | -0.117% |
| 74 | 6.561 | 6.541 | 6.682 | PH | -427   | -78897 | -2.31% | -0.167% |
| 75 | 6.699 | 6.682 | 6.715 | PH | -1015  | -21456 | -0.63% | -0.045% |
|    |       |       |       |    |        |        |        |         |
| 76 | 6.753 | 6.715 | 6.778 | PH | -1031  | -42264 | -1.24% | -0.089% |
| 77 | 6.865 | 6.778 | 6.878 | PH | -597   | -51385 | -1.51% | -0.109% |
| 78 | 6.882 | 6.878 | 6.896 | PH | -731   | -8161  | -0.24% | -0.017% |
| 79 | 6.905 | 6.896 | 6.968 | PH | -754   | -39363 | -1.15% | -0.083% |
| 80 | 6.973 | 6.968 | 6.985 | PH | -930   | -9667  | -0.28% | -0.020% |
|    |       |       |       |    |        |        |        |         |
| 81 | 6.995 | 6.985 | 7.038 | PH | -935   | -33450 | -0.98% | -0.071% |
| 82 | 7.086 | 7.038 | 7.099 | PH | -935   | -37581 | -1.10% | -0.079% |
| 83 | 7.107 | 7.099 | 7.138 | PH | -986   | -24291 | -0.71% | -0.051% |
| 84 | 7.189 | 7.138 | 7.215 | PH | -740   | -40863 | -1.20% | -0.086% |
| 85 | 7.229 | 7.215 | 7.249 | PH | -728   | -17358 | -0.51% | -0.037% |
|    |       |       |       |    |        |        |        |         |
| 86 | 7.265 | 7.249 | 7.281 | PH | -777   | -16772 | -0.49% | -0.035% |
| 87 | 7.298 | 7.281 | 7.355 | PH | -915   | -43028 | -1.26% | -0.091% |
| 88 | 7.363 | 7.355 | 7.372 | PH | -1041  | -10339 | -0.30% | -0.022% |
| 89 | 7.399 | 7.372 | 7.452 | PH | -939   | -48301 | -1.42% | -0.102% |

|     |        |        |        |    |        |        |        |         |
|-----|--------|--------|--------|----|--------|--------|--------|---------|
|     |        |        |        |    | rteres |        |        |         |
| 90  | 7.490  | 7.452  | 7.503  | PH | -917   | -31994 | -0.94% | -0.068% |
| 91  | 7.528  | 7.503  | 7.542  | PH | -964   | -23712 | -0.70% | -0.050% |
| 92  | 7.546  | 7.542  | 7.568  | PH | -992   | -17297 | -0.51% | -0.037% |
| 93  | 7.575  | 7.568  | 7.582  | PH | -1035  | -8795  | -0.26% | -0.019% |
| 94  | 7.589  | 7.582  | 7.595  | PH | -1030  | -8946  | -0.26% | -0.019% |
| 95  | 7.607  | 7.595  | 7.640  | PH | -971   | -28714 | -0.84% | -0.061% |
| 96  | 7.665  | 7.640  | 7.694  | PH | -999   | -34975 | -1.03% | -0.074% |
| 97  | 7.714  | 7.694  | 7.742  | PH | -999   | -30587 | -0.90% | -0.065% |
| 98  | 7.773  | 7.742  | 7.854  | PH | 965    | -49644 | -1.46% | -0.105% |
| 99  | 7.888  | 7.854  | 7.905  | PH | -286   | -25026 | -0.73% | -0.053% |
| 100 | 7.945  | 7.905  | 7.986  | PH | 1183   | -21889 | -0.64% | -0.046% |
| 101 | 8.022  | 7.986  | 8.146  | PH | -762   | -90681 | -2.66% | -0.192% |
| 102 | 8.170  | 8.146  | 8.203  | PH | -804   | -32129 | -0.94% | -0.068% |
| 103 | 8.286  | 8.203  | 8.298  | PH | -741   | -52284 | -1.53% | -0.111% |
| 104 | 8.351  | 8.298  | 8.412  | PH | 1763   | -24495 | -0.72% | -0.052% |
| 105 | 8.436  | 8.412  | 8.589  | PH | 40437  | 712762 | 20.91% | 1.507%  |
| 106 | 8.599  | 8.589  | 8.708  | HH | 105    | -22808 | -0.67% | -0.048% |
| 107 | 8.725  | 8.708  | 8.753  | PH | -411   | -14653 | -0.43% | -0.031% |
| 108 | 8.791  | 8.753  | 8.822  | PH | 269    | -15840 | -0.46% | -0.033% |
| 109 | 8.863  | 8.822  | 8.965  | PH | 468    | -11840 | -0.35% | -0.025% |
| 110 | 8.978  | 8.965  | 8.992  | PH | -395   | -8211  | -0.24% | -0.017% |
| 111 | 9.000  | 8.992  | 9.055  | PH | -496   | -24141 | -0.71% | -0.051% |
| 112 | 9.094  | 9.055  | 9.116  | PH | -350   | -20339 | -0.60% | -0.043% |
| 113 | 9.143  | 9.116  | 9.159  | PH | -406   | -12235 | -0.36% | -0.026% |
| 114 | 9.178  | 9.159  | 9.203  | PH | 107    | -9454  | -0.28% | -0.020% |
| 115 | 9.212  | 9.203  | 9.222  | PH | -640   | -7613  | -0.22% | -0.016% |
| 116 | 9.226  | 9.222  | 9.238  | PH | -615   | -6582  | -0.19% | -0.014% |
| 117 | 9.249  | 9.238  | 9.288  | PH | -593   | -20655 | -0.61% | -0.044% |
| 118 | 9.303  | 9.288  | 9.322  | PH | -598   | -13618 | -0.40% | -0.029% |
| 119 | 9.332  | 9.322  | 9.341  | PH | -621   | -7758  | -0.23% | -0.016% |
| 120 | 9.358  | 9.341  | 9.395  | PH | -423   | -20207 | -0.59% | -0.043% |
| 121 | 9.411  | 9.395  | 9.428  | PH | -660   | -14424 | -0.42% | -0.030% |
| 122 | 9.478  | 9.428  | 9.530  | PH | -565   | -41983 | -1.23% | -0.089% |
| 123 | 9.566  | 9.530  | 9.582  | PH | 160    | -6979  | -0.20% | -0.015% |
| 124 | 9.600  | 9.582  | 9.628  | PH | 399    | 4445   | 0.13%  | 0.009%  |
| 125 | 9.640  | 9.628  | 9.662  | PH | -1     | -1659  | -0.05% | -0.004% |
| 126 | 9.676  | 9.662  | 9.705  | PH | -81    | -6092  | -0.18% | -0.013% |
| 127 | 9.735  | 9.705  | 9.772  | PH | -242   | -15161 | -0.44% | -0.032% |
| 128 | 9.794  | 9.772  | 9.831  | PH | 1523   | 2994   | 0.09%  | 0.006%  |
| 129 | 9.844  | 9.831  | 9.861  | PH | -406   | -8566  | -0.25% | -0.018% |
| 130 | 9.873  | 9.861  | 9.896  | PH | -419   | -9465  | -0.28% | -0.020% |
| 131 | 9.921  | 9.896  | 9.934  | PH | -283   | -8803  | -0.26% | -0.019% |
| 132 | 9.956  | 9.934  | 10.004 | PH | 3029   | 18106  | 0.53%  | 0.038%  |
| 133 | 10.018 | 10.004 | 10.077 | PH | -155   | -15811 | -0.46% | -0.033% |
| 134 | 10.100 | 10.077 | 10.141 | PH | -158   | -10535 | -0.31% | -0.022% |
| 135 | 10.161 | 10.141 | 10.197 | PH | -279   | -12759 | -0.37% | -0.027% |
| 136 | 10.229 | 10.197 | 10.253 | PH | -342   | -13715 | -0.40% | -0.029% |
| 137 | 10.300 | 10.253 | 10.327 | PH | 993    | -411   | -0.01% | -0.001% |
| 138 | 10.346 | 10.327 | 10.365 | PH | 603    | 4036   | 0.12%  | 0.009%  |
| 139 | 10.382 | 10.365 | 10.405 | PH | 192    | 937    | 0.03%  | 0.002%  |
| 140 | 10.431 | 10.405 | 10.465 | PH | 475    | 4681   | 0.14%  | 0.010%  |
| 141 | 10.484 | 10.465 | 10.512 | PH | 501    | 2011   | 0.06%  | 0.004%  |

|     |        |        |        |    | rteres |         |        |         |
|-----|--------|--------|--------|----|--------|---------|--------|---------|
| 142 | 10.530 | 10.512 | 10.552 | PH | 51     | -2468   | -0.07% | -0.005% |
| 143 | 10.599 | 10.552 | 10.658 | PH | 1081   | 14291   | 0.42%  | 0.030%  |
| 144 | 10.695 | 10.658 | 10.735 | PH | 1717   | 19689   | 0.58%  | 0.042%  |
| 145 | 10.765 | 10.735 | 10.812 | PH | 973    | 16764   | 0.49%  | 0.035%  |
| 146 | 10.822 | 10.812 | 10.832 | HH | 348    | 3102    | 0.09%  | 0.007%  |
| 147 | 10.844 | 10.832 | 10.875 | HH | 267    | 5081    | 0.15%  | 0.011%  |
| 148 | 10.892 | 10.875 | 10.925 | HH | 217    | 2553    | 0.07%  | 0.005%  |
| 149 | 10.943 | 10.925 | 10.966 | PH | 237    | 2601    | 0.08%  | 0.005%  |
| 150 | 10.977 | 10.966 | 10.992 | PH | 14     | -214    | -0.01% | -0.000% |
| 151 | 11.009 | 10.992 | 11.018 | PH | 2432   | 25471   | 0.75%  | 0.054%  |
| 152 | 11.035 | 11.018 | 11.135 | HH | 2808   | 104491  | 3.07%  | 0.221%  |
| 153 | 11.150 | 11.135 | 11.166 | HH | 740    | 10279   | 0.30%  | 0.022%  |
| 154 | 11.174 | 11.166 | 11.192 | HH | 472    | 5955    | 0.17%  | 0.013%  |
| 155 | 11.201 | 11.192 | 11.281 | HH | 432    | 10763   | 0.32%  | 0.023%  |
| 156 | 11.305 | 11.281 | 11.318 | HH | 225    | 4143    | 0.12%  | 0.009%  |
| 157 | 11.359 | 11.318 | 11.370 | HH | 380    | 9195    | 0.27%  | 0.019%  |
| 158 | 11.398 | 11.370 | 11.426 | HH | 3328   | 43637   | 1.28%  | 0.092%  |
| 159 | 11.441 | 11.426 | 11.454 | HH | 630    | 9982    | 0.29%  | 0.021%  |
| 160 | 11.482 | 11.454 | 11.536 | HH | 1939   | 46461   | 1.36%  | 0.098%  |
| 161 | 11.573 | 11.536 | 11.589 | HH | 1634   | 28928   | 0.85%  | 0.061%  |
| 162 | 11.598 | 11.589 | 11.625 | HH | 1094   | 14816   | 0.43%  | 0.031%  |
| 163 | 11.641 | 11.625 | 11.669 | HH | 436    | 9747    | 0.29%  | 0.021%  |
| 164 | 11.694 | 11.669 | 11.772 | HH | 2890   | 85660   | 2.51%  | 0.181%  |
| 165 | 11.795 | 11.772 | 11.815 | HH | 933    | 19129   | 0.56%  | 0.040%  |
| 166 | 11.839 | 11.815 | 11.869 | HH | 1336   | 31819   | 0.93%  | 0.067%  |
| 167 | 11.897 | 11.869 | 11.927 | HH | 1595   | 36743   | 1.08%  | 0.078%  |
| 168 | 11.949 | 11.927 | 11.994 | HH | 947    | 31235   | 0.92%  | 0.066%  |
| 169 | 12.004 | 11.994 | 12.025 | HH | 751    | 12590   | 0.37%  | 0.027%  |
| 170 | 12.070 | 12.025 | 12.095 | HH | 2196   | 44019   | 1.29%  | 0.093%  |
| 171 | 12.132 | 12.095 | 12.161 | HH | 1644   | 36976   | 1.08%  | 0.078%  |
| 172 | 12.189 | 12.161 | 12.256 | HH | 4584   | 122867  | 3.60%  | 0.260%  |
| 173 | 12.274 | 12.256 | 12.311 | HH | 1136   | 32782   | 0.96%  | 0.069%  |
| 174 | 12.349 | 12.311 | 12.468 | HH | 103842 | 1610525 | 47.24% | 3.404%  |
| 175 | 12.481 | 12.468 | 12.522 | HH | 2585   | 65390   | 1.92%  | 0.138%  |
| 176 | 12.535 | 12.522 | 12.568 | HH | 1666   | 42429   | 1.24%  | 0.090%  |
| 177 | 12.576 | 12.568 | 12.604 | HH | 1379   | 27583   | 0.81%  | 0.058%  |
| 178 | 12.653 | 12.604 | 12.685 | HH | 1601   | 66966   | 1.96%  | 0.142%  |
| 179 | 12.711 | 12.685 | 12.757 | HH | 3976   | 88375   | 2.59%  | 0.187%  |
| 180 | 12.778 | 12.757 | 12.807 | HH | 2052   | 48280   | 1.42%  | 0.102%  |
| 181 | 12.839 | 12.807 | 12.948 | HH | 10352  | 280816  | 8.24%  | 0.594%  |
| 182 | 12.996 | 12.948 | 13.025 | HH | 2492   | 89799   | 2.63%  | 0.190%  |
| 183 | 13.037 | 13.025 | 13.058 | HH | 1721   | 31795   | 0.93%  | 0.067%  |
| 184 | 13.072 | 13.058 | 13.095 | HH | 1642   | 31354   | 0.92%  | 0.066%  |
| 185 | 13.141 | 13.095 | 13.253 | HH | 8352   | 301422  | 8.84%  | 0.637%  |
| 186 | 13.270 | 13.253 | 13.285 | HH | 1768   | 32760   | 0.96%  | 0.069%  |
| 187 | 13.322 | 13.285 | 13.352 | HH | 2906   | 81043   | 2.38%  | 0.171%  |
| 188 | 13.384 | 13.352 | 13.398 | HH | 2346   | 53698   | 1.58%  | 0.114%  |
| 189 | 13.417 | 13.398 | 13.474 | HH | 3219   | 108781  | 3.19%  | 0.230%  |
| 190 | 13.487 | 13.474 | 13.538 | HH | 2145   | 64468   | 1.89%  | 0.136%  |
| 191 | 13.572 | 13.538 | 13.694 | HH | 30198  | 554176  | 16.26% | 1.171%  |
| 192 | 13.712 | 13.694 | 13.726 | HH | 2316   | 39686   | 1.16%  | 0.084%  |
| 193 | 13.740 | 13.726 | 13.761 | HH | 2291   | 43684   | 1.28%  | 0.092%  |
| 194 | 13.775 | 13.761 | 13.849 | HH | 2004   | 88306   | 2.59%  | 0.187%  |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 195 | 13.871 | 13.849 | 13.893 | HH | 2173   | 45361   | 1.33%   | 0.096% |
| 196 | 13.914 | 13.893 | 13.960 | HH | 3034   | 78486   | 2.30%   | 0.166% |
| 197 | 13.969 | 13.960 | 14.014 | HH | 1439   | 44897   | 1.32%   | 0.095% |
| 198 | 14.032 | 14.014 | 14.071 | HH | 1511   | 48585   | 1.43%   | 0.103% |
| 199 | 14.086 | 14.071 | 14.166 | HH | 1388   | 71861   | 2.11%   | 0.152% |
| 200 | 14.182 | 14.166 | 14.218 | HH | 1276   | 35255   | 1.03%   | 0.075% |
| 201 | 14.244 | 14.218 | 14.255 | HH | 1210   | 24752   | 0.73%   | 0.052% |
| 202 | 14.277 | 14.255 | 14.295 | HH | 1435   | 29197   | 0.86%   | 0.062% |
| 203 | 14.325 | 14.295 | 14.397 | HH | 2306   | 98372   | 2.89%   | 0.208% |
| 204 | 14.420 | 14.397 | 14.454 | HH | 2294   | 56436   | 1.66%   | 0.119% |
| 205 | 14.476 | 14.454 | 14.507 | HH | 2835   | 56261   | 1.65%   | 0.119% |
| 206 | 14.521 | 14.507 | 14.530 | HH | 1306   | 18086   | 0.53%   | 0.038% |
| 207 | 14.553 | 14.530 | 14.564 | HH | 2294   | 36793   | 1.08%   | 0.078% |
| 208 | 14.585 | 14.564 | 14.664 | HH | 2943   | 120536  | 3.54%   | 0.255% |
| 209 | 14.738 | 14.664 | 14.785 | HH | 2738   | 141192  | 4.14%   | 0.298% |
| 210 | 14.818 | 14.785 | 14.850 | HH | 288549 | 3408962 | 100.00% | 7.206% |
| 211 | 14.859 | 14.850 | 14.955 | HH | 3301   | 127874  | 3.75%   | 0.270% |
| 212 | 15.018 | 14.955 | 15.048 | HH | 6383   | 145614  | 4.27%   | 0.308% |
| 213 | 15.071 | 15.048 | 15.082 | HH | 3916   | 61600   | 1.81%   | 0.130% |
| 214 | 15.102 | 15.082 | 15.192 | HH | 5010   | 196176  | 5.75%   | 0.415% |
| 215 | 15.217 | 15.192 | 15.255 | HH | 3769   | 87959   | 2.58%   | 0.186% |
| 216 | 15.269 | 15.255 | 15.317 | HH | 1647   | 56638   | 1.66%   | 0.120% |
| 217 | 15.328 | 15.317 | 15.337 | HH | 1501   | 17613   | 0.52%   | 0.037% |
| 218 | 15.360 | 15.337 | 15.368 | HH | 1675   | 29904   | 0.88%   | 0.063% |
| 219 | 15.404 | 15.368 | 15.522 | HH | 47059  | 932092  | 27.34%  | 1.970% |
| 220 | 15.539 | 15.522 | 15.556 | HH | 5677   | 84824   | 2.49%   | 0.179% |
| 221 | 15.568 | 15.556 | 15.590 | HH | 3725   | 59181   | 1.74%   | 0.125% |
| 222 | 15.622 | 15.590 | 15.657 | HH | 16634  | 241770  | 7.09%   | 0.511% |
| 223 | 15.669 | 15.657 | 15.711 | HH | 2165   | 63557   | 1.86%   | 0.134% |
| 224 | 15.754 | 15.711 | 15.778 | HH | 2006   | 77218   | 2.27%   | 0.163% |
| 225 | 15.809 | 15.778 | 15.818 | HH | 1995   | 45761   | 1.34%   | 0.097% |
| 226 | 15.868 | 15.818 | 15.905 | HH | 2394   | 117084  | 3.43%   | 0.248% |
| 227 | 15.936 | 15.905 | 15.993 | HH | 2862   | 126280  | 3.70%   | 0.267% |
| 228 | 16.006 | 15.993 | 16.015 | HH | 2122   | 28121   | 0.82%   | 0.059% |
| 229 | 16.041 | 16.015 | 16.072 | HH | 7869   | 131652  | 3.86%   | 0.278% |
| 230 | 16.078 | 16.072 | 16.088 | HH | 2064   | 20365   | 0.60%   | 0.043% |
| 231 | 16.113 | 16.088 | 16.159 | HH | 2504   | 88545   | 2.60%   | 0.187% |
| 232 | 16.181 | 16.159 | 16.200 | HH | 1945   | 45880   | 1.35%   | 0.097% |
| 233 | 16.213 | 16.200 | 16.228 | HH | 1902   | 31935   | 0.94%   | 0.068% |
| 234 | 16.241 | 16.228 | 16.251 | HH | 1936   | 25908   | 0.76%   | 0.055% |
| 235 | 16.286 | 16.251 | 16.294 | HH | 2123   | 51109   | 1.50%   | 0.108% |
| 236 | 16.348 | 16.294 | 16.373 | HH | 2774   | 111094  | 3.26%   | 0.235% |
| 237 | 16.429 | 16.373 | 16.470 | HH | 5966   | 203659  | 5.97%   | 0.431% |
| 238 | 16.490 | 16.470 | 16.503 | HH | 3842   | 69315   | 2.03%   | 0.147% |
| 239 | 16.526 | 16.503 | 16.582 | HH | 12631  | 232290  | 6.81%   | 0.491% |
| 240 | 16.635 | 16.582 | 16.664 | HH | 7141   | 236124  | 6.93%   | 0.499% |
| 241 | 16.686 | 16.664 | 16.765 | HH | 5619   | 245846  | 7.21%   | 0.520% |
| 242 | 16.774 | 16.765 | 16.810 | HH | 3124   | 80406   | 2.36%   | 0.170% |
| 243 | 16.828 | 16.810 | 16.842 | HH | 3271   | 59936   | 1.76%   | 0.127% |
| 244 | 16.876 | 16.842 | 16.898 | HH | 3322   | 105815  | 3.10%   | 0.224% |
| 245 | 16.913 | 16.898 | 16.938 | HH | 3292   | 74739   | 2.19%   | 0.158% |
| 246 | 16.962 | 16.938 | 16.971 | HH | 5690   | 88572   | 2.60%   | 0.187% |

| rteres |        |        |        |    |       |        |        |        |
|--------|--------|--------|--------|----|-------|--------|--------|--------|
| 247    | 16.993 | 16.971 | 17.023 | HH | 18566 | 283239 | 8.31%  | 0.599% |
| 248    | 17.045 | 17.023 | 17.063 | HH | 6594  | 120598 | 3.54%  | 0.255% |
| 249    | 17.077 | 17.063 | 17.129 | HH | 5510  | 157799 | 4.63%  | 0.334% |
| 250    | 17.149 | 17.129 | 17.195 | HH | 3317  | 124771 | 3.66%  | 0.264% |
|        |        |        |        |    |       |        |        |        |
| 251    | 17.204 | 17.195 | 17.222 | HH | 3155  | 49925  | 1.46%  | 0.106% |
| 252    | 17.227 | 17.222 | 17.237 | HH | 3047  | 27387  | 0.80%  | 0.058% |
| 253    | 17.256 | 17.237 | 17.275 | HH | 3473  | 74316  | 2.18%  | 0.157% |
| 254    | 17.286 | 17.275 | 17.307 | HH | 3313  | 59205  | 1.74%  | 0.125% |
| 255    | 17.378 | 17.307 | 17.417 | HH | 4747  | 252125 | 7.40%  | 0.533% |
|        |        |        |        |    |       |        |        |        |
| 256    | 17.445 | 17.417 | 17.485 | HH | 23569 | 365353 | 10.72% | 0.772% |
| 257    | 17.494 | 17.485 | 17.509 | HH | 3229  | 46090  | 1.35%  | 0.097% |
| 258    | 17.536 | 17.509 | 17.558 | HH | 4389  | 105909 | 3.11%  | 0.224% |
| 259    | 17.573 | 17.558 | 17.632 | HH | 3473  | 143755 | 4.22%  | 0.304% |
| 260    | 17.670 | 17.632 | 17.687 | HH | 3273  | 104026 | 3.05%  | 0.220% |
|        |        |        |        |    |       |        |        |        |
| 261    | 17.729 | 17.687 | 17.758 | HH | 3963  | 148657 | 4.36%  | 0.314% |
| 262    | 17.774 | 17.758 | 17.804 | HH | 3723  | 92845  | 2.72%  | 0.196% |
| 263    | 17.848 | 17.804 | 17.858 | HH | 4496  | 126736 | 3.72%  | 0.268% |
| 264    | 17.883 | 17.858 | 17.918 | HH | 23588 | 361192 | 10.60% | 0.764% |
| 265    | 17.939 | 17.918 | 17.954 | HH | 3626  | 75558  | 2.22%  | 0.160% |
|        |        |        |        |    |       |        |        |        |
| 266    | 17.979 | 17.954 | 18.012 | HH | 8636  | 183929 | 5.40%  | 0.389% |
| 267    | 18.048 | 18.012 | 18.068 | HH | 4211  | 131924 | 3.87%  | 0.279% |
| 268    | 18.080 | 18.068 | 18.092 | HH | 3987  | 55289  | 1.62%  | 0.117% |
| 269    | 18.134 | 18.092 | 18.178 | HH | 6367  | 244983 | 7.19%  | 0.518% |
| 270    | 18.251 | 18.178 | 18.287 | HH | 21134 | 678908 | 19.92% | 1.435% |
|        |        |        |        |    |       |        |        |        |
| 271    | 18.307 | 18.287 | 18.391 | HH | 26812 | 622692 | 18.27% | 1.316% |
| 272    | 18.411 | 18.391 | 18.432 | HH | 5983  | 133645 | 3.92%  | 0.283% |
| 273    | 18.453 | 18.432 | 18.545 | HH | 6158  | 363920 | 10.68% | 0.769% |
| 274    | 18.570 | 18.545 | 18.592 | HH | 5580  | 142536 | 4.18%  | 0.301% |
| 275    | 18.618 | 18.592 | 18.652 | HH | 5072  | 172554 | 5.06%  | 0.365% |
|        |        |        |        |    |       |        |        |        |
| 276    | 18.718 | 18.652 | 18.775 | HH | 23350 | 632161 | 18.54% | 1.336% |
| 277    | 18.824 | 18.775 | 18.874 | HH | 10572 | 379878 | 11.14% | 0.803% |
| 278    | 18.896 | 18.874 | 18.944 | HH | 5873  | 230932 | 6.77%  | 0.488% |
| 279    | 18.976 | 18.944 | 18.995 | HH | 5744  | 165897 | 4.87%  | 0.351% |
| 280    | 19.020 | 18.995 | 19.037 | HH | 5962  | 135653 | 3.98%  | 0.287% |
|        |        |        |        |    |       |        |        |        |
| 281    | 19.116 | 19.037 | 19.198 | HH | 18859 | 903116 | 26.49% | 1.909% |
| 282    | 19.222 | 19.198 | 19.254 | HH | 7271  | 229251 | 6.72%  | 0.485% |
| 283    | 19.278 | 19.254 | 19.304 | HH | 7860  | 213424 | 6.26%  | 0.451% |
| 284    | 19.317 | 19.304 | 19.342 | HH | 6700  | 146441 | 4.30%  | 0.310% |
| 285    | 19.374 | 19.342 | 19.427 | HH | 7281  | 340074 | 9.98%  | 0.719% |
|        |        |        |        |    |       |        |        |        |
| 286    | 19.446 | 19.427 | 19.471 | HH | 6877  | 168852 | 4.95%  | 0.357% |
| 287    | 19.504 | 19.471 | 19.533 | HH | 14173 | 334025 | 9.80%  | 0.706% |
| 288    | 19.549 | 19.533 | 19.571 | HH | 6537  | 143612 | 4.21%  | 0.304% |
| 289    | 19.615 | 19.571 | 19.670 | HH | 9244  | 453530 | 13.30% | 0.959% |
| 290    | 19.718 | 19.670 | 19.763 | HH | 8215  | 410003 | 12.03% | 0.867% |
|        |        |        |        |    |       |        |        |        |
| 291    | 19.796 | 19.763 | 19.842 | HH | 9347  | 366185 | 10.74% | 0.774% |
| 292    | 19.882 | 19.842 | 19.929 | HH | 15084 | 514258 | 15.09% | 1.087% |
| 293    | 19.939 | 19.929 | 19.960 | HH | 8219  | 146991 | 4.31%  | 0.311% |
| 294    | 19.984 | 19.960 | 20.045 | HH | 8843  | 415773 | 12.20% | 0.879% |
| 295    | 20.066 | 20.045 | 20.083 | HH | 8560  | 188386 | 5.53%  | 0.398% |
|        |        |        |        |    |       |        |        |        |
| 296    | 20.121 | 20.083 | 20.145 | HH | 9264  | 318408 | 9.34%  | 0.673% |
| 297    | 20.164 | 20.145 | 20.212 | HH | 8971  | 344548 | 10.11% | 0.728% |
| 298    | 20.246 | 20.212 | 20.268 | HH | 15691 | 377283 | 11.07% | 0.798% |
| 299    | 20.289 | 20.268 | 20.317 | HH | 11737 | 300187 | 8.81%  | 0.635% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 20.341 | 20.317 | 20.395 | HH | 9593   | 433714  | 12.72% | 0.917% |
| 301 | 20.423 | 20.395 | 20.449 | HH | 10200  | 303365  | 8.90%  | 0.641% |
| 302 | 20.471 | 20.449 | 20.490 | HH | 9115   | 224931  | 6.60%  | 0.475% |
| 303 | 20.515 | 20.490 | 20.558 | HH | 9612   | 369756  | 10.85% | 0.782% |
| 304 | 20.611 | 20.558 | 20.696 | HH | 12816  | 815856  | 23.93% | 1.725% |
| 305 | 20.726 | 20.696 | 20.751 | HH | 9838   | 310584  | 9.11%  | 0.657% |
| 306 | 20.783 | 20.751 | 20.885 | HH | 12208  | 771374  | 22.63% | 1.631% |
| 307 | 20.912 | 20.885 | 20.973 | HH | 8910   | 462928  | 13.58% | 0.979% |
| 308 | 21.009 | 20.973 | 21.098 | HH | 12507  | 713607  | 20.93% | 1.508% |
| 309 | 21.141 | 21.098 | 21.208 | HH | 8825   | 573657  | 16.83% | 1.213% |
| 310 | 21.236 | 21.208 | 21.253 | HH | 8685   | 233029  | 6.84%  | 0.493% |
| 311 | 21.271 | 21.253 | 21.302 | HH | 8602   | 248320  | 7.28%  | 0.525% |
| 312 | 21.349 | 21.302 | 21.413 | HH | 11702  | 631181  | 18.52% | 1.334% |
| 313 | 21.456 | 21.413 | 21.488 | HH | 10892  | 421896  | 12.38% | 0.892% |
| 314 | 21.500 | 21.488 | 21.524 | HH | 9168   | 195222  | 5.73%  | 0.413% |
| 315 | 21.543 | 21.524 | 21.568 | HH | 9142   | 243393  | 7.14%  | 0.515% |
| 316 | 21.592 | 21.568 | 21.671 | HH | 9183   | 539662  | 15.83% | 1.141% |
| 317 | 21.717 | 21.671 | 21.738 | HH | 8622   | 343919  | 10.09% | 0.727% |
| 318 | 21.764 | 21.738 | 21.807 | HH | 8392   | 343599  | 10.08% | 0.726% |
| 319 | 21.822 | 21.807 | 21.880 | HH | 8370   | 365112  | 10.71% | 0.772% |
| 320 | 21.962 | 21.880 | 21.988 | HH | 12147  | 616782  | 18.09% | 1.304% |
| 321 | 22.011 | 21.988 | 22.107 | HH | 11207  | 664535  | 19.49% | 1.405% |
| 322 | 22.132 | 22.107 | 22.238 | HH | 8362   | 644461  | 18.90% | 1.362% |
| 323 | 22.249 | 22.238 | 22.321 | HH | 8199   | 407290  | 11.95% | 0.861% |
| 324 | 22.331 | 22.321 | 22.382 | HH | 8149   | 291347  | 8.55%  | 0.616% |
| 325 | 22.402 | 22.382 | 22.432 | HH | 8117   | 241975  | 7.10%  | 0.512% |
| 326 | 22.490 | 22.432 | 22.497 | HH | 8234   | 319720  | 9.38%  | 0.676% |
| 327 | 22.542 | 22.497 | 22.601 | HH | 9545   | 539896  | 15.84% | 1.141% |
| 328 | 22.612 | 22.601 | 22.627 | HH | 8327   | 129057  | 3.79%  | 0.273% |
| 329 | 22.636 | 22.627 | 22.708 | HH | 8316   | 400035  | 11.73% | 0.846% |
| 330 | 22.803 | 22.708 | 22.925 | HH | 10505  | 1128060 | 33.09% | 2.385% |
| 331 | 22.939 | 22.925 | 22.955 | HH | 7979   | 143033  | 4.20%  | 0.302% |
| 332 | 22.980 | 22.955 | 22.993 | HH | 7955   | 180497  | 5.29%  | 0.382% |
| 333 | 23.005 | 22.993 | 23.018 | HH | 7951   | 119111  | 3.49%  | 0.252% |
| 334 | 23.026 | 23.018 | 23.032 | HH | 7984   | 63478   | 1.86%  | 0.134% |
| 335 | 23.047 | 23.032 | 23.109 | HH | 8017   | 369647  | 10.84% | 0.781% |
| 336 | 23.127 | 23.109 | 23.144 | HH | 7912   | 164281  | 4.82%  | 0.347% |
| 337 | 23.204 | 23.144 | 23.272 | HH | 9129   | 638845  | 18.74% | 1.350% |
| 338 | 23.279 | 23.272 | 23.305 | HH | 7893   | 156704  | 4.60%  | 0.331% |
| 339 | 23.325 | 23.305 | 23.345 | HH | 7850   | 185516  | 5.44%  | 0.392% |
| 340 | 23.365 | 23.345 | 23.375 | HH | 7858   | 141439  | 4.15%  | 0.299% |
| 341 | 23.427 | 23.375 | 23.448 | HH | 7931   | 344603  | 10.11% | 0.728% |
| 342 | 23.464 | 23.448 | 23.485 | HH | 7897   | 172163  | 5.05%  | 0.364% |
| 343 | 23.493 | 23.485 | 23.558 | HH | 7812   | 337293  | 9.89%  | 0.713% |
| 344 | 23.569 | 23.558 | 23.575 | HH | 7698   | 77285   | 2.27%  | 0.163% |
| 345 | 23.598 | 23.575 | 23.645 | HH | 7755   | 324378  | 9.52%  | 0.686% |
| 346 | 23.655 | 23.645 | 23.675 | HH | 7708   | 136938  | 4.02%  | 0.289% |
| 347 | 23.763 | 23.675 | 23.918 | HH | 9601   | 1181023 | 34.64% | 2.497% |
| 348 | 23.973 | 23.918 | 24.043 | HH | 8337   | 587863  | 17.24% | 1.243% |
| 349 | 24.064 | 24.043 | 24.098 | HH | 7585   | 250367  | 7.34%  | 0.529% |
| 350 | 24.109 | 24.098 | 24.169 | HH | 7485   | 314351  | 9.22%  | 0.664% |
| 351 | 24.176 | 24.169 | 24.186 | HH | 7511   | 78336   | 2.30%  | 0.166% |

|     |        |        |        |     |       |                         |        |          |
|-----|--------|--------|--------|-----|-------|-------------------------|--------|----------|
|     |        |        |        |     |       | rteres                  |        |          |
| 352 | 24.202 | 24.186 | 24.222 | HH  | 7542  | 160292                  | 4.70%  | 0.339%   |
| 353 | 24.313 | 24.222 | 24.328 | HH  | 7863  | 489176                  | 14.35% | 1.034%   |
| 354 | 24.357 | 24.328 | 24.378 | HH  | 7822  | 234425                  | 6.88%  | 0.496%   |
| 355 | 24.387 | 24.378 | 24.411 | HH  | 7772  | 152885                  | 4.48%  | 0.323%   |
| 356 | 24.422 | 24.411 | 24.489 | HH  | 7783  | 352817                  | 10.35% | 0.746%   |
| 357 | 24.497 | 24.489 | 24.565 | HH  | 7523  | 339143                  | 9.95%  | 0.717%   |
| 358 | 24.600 | 24.565 | 24.669 | HH  | 7493  | 460057                  | 13.50% | 0.973%   |
| 359 | 24.676 | 24.669 | 24.682 | HH  | 7406  | 57134                   | 1.68%  | 0.121%   |
| 360 | 24.689 | 24.682 | 24.728 | HH  | 7428  | 207318                  | 6.08%  | 0.438%   |
| 361 | 24.738 | 24.728 | 24.749 | HH  | 7389  | 91189                   | 2.67%  | 0.193%   |
| 362 | 24.759 | 24.749 | 24.788 | HH  | 7342  | 170736                  | 5.01%  | 0.361%   |
| 363 | 24.866 | 24.788 | 24.924 | HH  | 10203 | 722875                  | 21.21% | 1.528%   |
| 364 | 24.939 | 24.924 | 24.962 | HHA | 9007  | 211396                  | 6.20%  | 0.447%   |
|     |        |        |        |     |       | Sum of corrected areas: |        | 47306484 |

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