

rteres

## Area Percent Report

Data Path : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\FID\_F\Data\FF022119\  
 Data File : FF003584.D  
 Signal(s) : FID2B.ch  
 Acq On : 21 Feb 2019 15:18  
 Sample : K1344-01 10X  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF020119.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         | 4.332       | 4.302        | 4.357      | BH       | 3726           | 34037        | 0.53%          | 0.030%        |
| 2         | 4.374       | 4.357        | 4.390      | HH       | 1289           | 11577        | 0.18%          | 0.010%        |
| 3         | 4.402       | 4.390        | 4.418      | HH       | 406            | 3438         | 0.05%          | 0.003%        |
| 4         | 4.436       | 4.418        | 4.464      | PH       | 335            | 3720         | 0.06%          | 0.003%        |
| 5         | 4.481       | 4.464        | 4.514      | PH       | 604            | 9170         | 0.14%          | 0.008%        |
| 6         | 4.533       | 4.514        | 4.546      | HH       | 572            | 7668         | 0.12%          | 0.007%        |
| 7         | 4.556       | 4.546        | 4.574      | HH       | 649            | 7621         | 0.12%          | 0.007%        |
| 8         | 4.587       | 4.574        | 4.602      | HH       | 1298           | 12307        | 0.19%          | 0.011%        |
| 9         | 4.613       | 4.602        | 4.629      | HH       | 821            | 8056         | 0.13%          | 0.007%        |
| 10        | 4.642       | 4.629        | 4.656      | HH       | 533            | 6952         | 0.11%          | 0.006%        |
| 11        | 4.663       | 4.656        | 4.676      | HH       | 472            | 4399         | 0.07%          | 0.004%        |
| 12        | 4.688       | 4.676        | 4.692      | HH       | 358            | 2742         | 0.04%          | 0.002%        |
| 13        | 4.709       | 4.692        | 4.726      | HH       | 1245           | 12993        | 0.20%          | 0.012%        |
| 14        | 4.749       | 4.726        | 4.771      | HH       | 946            | 13469        | 0.21%          | 0.012%        |
| 15        | 4.801       | 4.771        | 4.833      | HH       | 1282           | 21298        | 0.33%          | 0.019%        |
| 16        | 4.859       | 4.833        | 4.875      | PH       | 619            | 5482         | 0.09%          | 0.005%        |
| 17        | 4.887       | 4.875        | 4.912      | HH       | 211            | 905          | 0.01%          | 0.001%        |
| 18        | 4.943       | 4.912        | 4.958      | PH       | 892            | 7872         | 0.12%          | 0.007%        |
| 19        | 4.975       | 4.958        | 5.000      | HH       | 1888           | 23741        | 0.37%          | 0.021%        |
| 20        | 5.014       | 5.000        | 5.036      | HH       | 1381           | 17170        | 0.27%          | 0.015%        |
| 21        | 5.050       | 5.036        | 5.062      | HH       | 1321           | 12151        | 0.19%          | 0.011%        |
| 22        | 5.076       | 5.062        | 5.120      | HH       | 1939           | 25611        | 0.40%          | 0.023%        |
| 23        | 5.124       | 5.120        | 5.152      | HH       | 215            | 1483         | 0.02%          | 0.001%        |
| 24        | 5.171       | 5.152        | 5.183      | PH       | 777            | 7793         | 0.12%          | 0.007%        |
| 25        | 5.193       | 5.183        | 5.206      | HH       | 735            | 8531         | 0.13%          | 0.008%        |
| 26        | 5.212       | 5.206        | 5.217      | HH       | 522            | 3060         | 0.05%          | 0.003%        |
| 27        | 5.237       | 5.217        | 5.249      | HH       | 1228           | 16316        | 0.26%          | 0.015%        |
| 28        | 5.261       | 5.249        | 5.278      | HH       | 1417           | 14923        | 0.23%          | 0.013%        |
| 29        | 5.289       | 5.278        | 5.301      | HH       | 551            | 5309         | 0.08%          | 0.005%        |
| 30        | 5.320       | 5.301        | 5.341      | HH       | 808            | 10537        | 0.16%          | 0.009%        |
| 31        | 5.372       | 5.341        | 5.387      | HH       | 9874           | 102508       | 1.60%          | 0.091%        |
| 32        | 5.394       | 5.387        | 5.422      | HH       | 3269           | 38824        | 0.61%          | 0.035%        |
| 33        | 5.440       | 5.422        | 5.479      | HH       | 880            | 14790        | 0.23%          | 0.013%        |
| 34        | 5.494       | 5.479        | 5.511      | HH       | 524            | 7388         | 0.12%          | 0.007%        |
| 35        | 5.519       | 5.511        | 5.531      | HH       | 464            | 4710         | 0.07%          | 0.004%        |
| 36        | 5.554       | 5.531        | 5.579      | HH       | 3397           | 50490        | 0.79%          | 0.045%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.587 | 5.579 | 5.602 | HH | 959    | 10132  | 0.16% | 0.009% |
| 38 | 5.629 | 5.602 | 5.637 | HH | 1201   | 18537  | 0.29% | 0.017% |
| 39 | 5.654 | 5.637 | 5.695 | HH | 3760   | 76295  | 1.19% | 0.068% |
| 40 | 5.717 | 5.695 | 5.729 | HH | 1584   | 24825  | 0.39% | 0.022% |
| 41 | 5.743 | 5.729 | 5.771 | HH | 3754   | 51990  | 0.81% | 0.046% |
| 42 | 5.784 | 5.771 | 5.803 | HH | 1793   | 25187  | 0.39% | 0.022% |
| 43 | 5.826 | 5.803 | 5.846 | HH | 2108   | 31994  | 0.50% | 0.029% |
| 44 | 5.875 | 5.846 | 5.896 | HH | 2123   | 41998  | 0.66% | 0.037% |
| 45 | 5.925 | 5.896 | 5.946 | HH | 2399   | 50203  | 0.79% | 0.045% |
| 46 | 5.968 | 5.946 | 5.990 | HH | 3095   | 50914  | 0.80% | 0.045% |
| 47 | 6.012 | 5.990 | 6.034 | HH | 3315   | 46982  | 0.73% | 0.042% |
| 48 | 6.074 | 6.034 | 6.088 | HH | 3814   | 85634  | 1.34% | 0.076% |
| 49 | 6.095 | 6.088 | 6.122 | HH | 2528   | 39384  | 0.62% | 0.035% |
| 50 | 6.136 | 6.122 | 6.152 | HH | 2585   | 34424  | 0.54% | 0.031% |
| 51 | 6.155 | 6.152 | 6.167 | HH | 1733   | 15392  | 0.24% | 0.014% |
| 52 | 6.189 | 6.167 | 6.212 | HH | 3153   | 53015  | 0.83% | 0.047% |
| 53 | 6.233 | 6.212 | 6.246 | HH | 2102   | 32817  | 0.51% | 0.029% |
| 54 | 6.287 | 6.246 | 6.317 | HH | 4074   | 97018  | 1.52% | 0.087% |
| 55 | 6.354 | 6.317 | 6.404 | HH | 14360  | 218691 | 3.42% | 0.195% |
| 56 | 6.412 | 6.404 | 6.424 | HH | 1371   | 14662  | 0.23% | 0.013% |
| 57 | 6.441 | 6.424 | 6.451 | HH | 1910   | 25497  | 0.40% | 0.023% |
| 58 | 6.472 | 6.451 | 6.484 | HH | 2471   | 42291  | 0.66% | 0.038% |
| 59 | 6.501 | 6.484 | 6.530 | HH | 6482   | 97854  | 1.53% | 0.087% |
| 60 | 6.549 | 6.530 | 6.563 | HH | 3298   | 51506  | 0.81% | 0.046% |
| 61 | 6.573 | 6.563 | 6.587 | HH | 2518   | 30281  | 0.47% | 0.027% |
| 62 | 6.630 | 6.587 | 6.652 | HH | 5337   | 109045 | 1.71% | 0.097% |
| 63 | 6.689 | 6.652 | 6.722 | HH | 4096   | 116191 | 1.82% | 0.104% |
| 64 | 6.751 | 6.722 | 6.778 | HH | 11077  | 165873 | 2.59% | 0.148% |
| 65 | 6.789 | 6.778 | 6.799 | HH | 2298   | 26932  | 0.42% | 0.024% |
| 66 | 6.822 | 6.799 | 6.836 | HH | 3264   | 58417  | 0.91% | 0.052% |
| 67 | 6.869 | 6.836 | 6.890 | HH | 5796   | 131598 | 2.06% | 0.117% |
| 68 | 6.911 | 6.890 | 6.935 | HH | 7318   | 115738 | 1.81% | 0.103% |
| 69 | 6.956 | 6.935 | 6.964 | HH | 5579   | 70419  | 1.10% | 0.063% |
| 70 | 6.978 | 6.964 | 6.999 | HH | 7418   | 113354 | 1.77% | 0.101% |
| 71 | 7.013 | 6.999 | 7.034 | HH | 5352   | 81464  | 1.27% | 0.073% |
| 72 | 7.054 | 7.034 | 7.093 | HH | 8239   | 156723 | 2.45% | 0.140% |
| 73 | 7.113 | 7.093 | 7.135 | HH | 4626   | 87638  | 1.37% | 0.078% |
| 74 | 7.153 | 7.135 | 7.171 | HH | 4178   | 67988  | 1.06% | 0.061% |
| 75 | 7.189 | 7.171 | 7.194 | HH | 3272   | 42333  | 0.66% | 0.038% |
| 76 | 7.199 | 7.194 | 7.212 | HH | 3211   | 33654  | 0.53% | 0.030% |
| 77 | 7.276 | 7.212 | 7.301 | HH | 25486  | 471068 | 7.37% | 0.420% |
| 78 | 7.315 | 7.301 | 7.336 | HH | 4774   | 90221  | 1.41% | 0.080% |
| 79 | 7.344 | 7.336 | 7.387 | HH | 4365   | 115803 | 1.81% | 0.103% |
| 80 | 7.397 | 7.387 | 7.423 | HH | 3511   | 68410  | 1.07% | 0.061% |
| 81 | 7.448 | 7.423 | 7.482 | HH | 9453   | 201790 | 3.16% | 0.180% |
| 82 | 7.500 | 7.482 | 7.521 | HH | 4770   | 87667  | 1.37% | 0.078% |
| 83 | 7.541 | 7.521 | 7.554 | HH | 3900   | 64307  | 1.01% | 0.057% |
| 84 | 7.587 | 7.554 | 7.599 | HH | 5953   | 118522 | 1.85% | 0.106% |
| 85 | 7.608 | 7.599 | 7.626 | HH | 5798   | 76477  | 1.20% | 0.068% |
| 86 | 7.643 | 7.626 | 7.679 | HH | 5188   | 134763 | 2.11% | 0.120% |
| 87 | 7.703 | 7.679 | 7.716 | HH | 6319   | 110348 | 1.73% | 0.098% |
| 88 | 7.733 | 7.716 | 7.744 | HH | 6506   | 98154  | 1.54% | 0.088% |
| 89 | 7.751 | 7.744 | 7.772 | HH | 6018   | 84617  | 1.32% | 0.075% |

|     |       |       |       |    |        |        |       |        |
|-----|-------|-------|-------|----|--------|--------|-------|--------|
|     |       |       |       |    | rteres |        |       |        |
| 90  | 7.795 | 7.772 | 7.817 | HH | 7337   | 136604 | 2.14% | 0.122% |
| 91  | 7.841 | 7.817 | 7.860 | HH | 8306   | 144359 | 2.26% | 0.129% |
| 92  | 7.877 | 7.860 | 7.887 | HH | 8223   | 105757 | 1.65% | 0.094% |
| 93  | 7.899 | 7.887 | 7.924 | HH | 9650   | 141398 | 2.21% | 0.126% |
| 94  | 7.967 | 7.924 | 7.999 | HH | 10581  | 251872 | 3.94% | 0.225% |
| 95  | 8.019 | 7.999 | 8.036 | HH | 4680   | 96198  | 1.50% | 0.086% |
| 96  | 8.056 | 8.036 | 8.069 | HH | 6945   | 113945 | 1.78% | 0.102% |
| 97  | 8.076 | 8.069 | 8.082 | HH | 6160   | 48599  | 0.76% | 0.043% |
| 98  | 8.096 | 8.082 | 8.107 | HH | 7116   | 100592 | 1.57% | 0.090% |
| 99  | 8.146 | 8.107 | 8.172 | HH | 31086  | 513624 | 8.03% | 0.458% |
| 100 | 8.201 | 8.172 | 8.226 | HH | 8543   | 224768 | 3.52% | 0.200% |
| 101 | 8.244 | 8.226 | 8.272 | HH | 7172   | 169529 | 2.65% | 0.151% |
| 102 | 8.303 | 8.272 | 8.319 | HH | 6952   | 173482 | 2.71% | 0.155% |
| 103 | 8.330 | 8.319 | 8.345 | HH | 6569   | 90747  | 1.42% | 0.081% |
| 104 | 8.364 | 8.345 | 8.406 | HH | 8454   | 219896 | 3.44% | 0.196% |
| 105 | 8.436 | 8.406 | 8.459 | HH | 5794   | 153972 | 2.41% | 0.137% |
| 106 | 8.471 | 8.459 | 8.485 | HH | 5147   | 73056  | 1.14% | 0.065% |
| 107 | 8.505 | 8.485 | 8.510 | HH | 6687   | 86953  | 1.36% | 0.078% |
| 108 | 8.515 | 8.510 | 8.529 | HH | 6794   | 71826  | 1.12% | 0.064% |
| 109 | 8.539 | 8.529 | 8.545 | HH | 6086   | 57950  | 0.91% | 0.052% |
| 110 | 8.567 | 8.545 | 8.580 | HH | 8168   | 149048 | 2.33% | 0.133% |
| 111 | 8.595 | 8.580 | 8.618 | HH | 8473   | 169560 | 2.65% | 0.151% |
| 112 | 8.637 | 8.618 | 8.651 | HH | 7959   | 137290 | 2.15% | 0.122% |
| 113 | 8.681 | 8.651 | 8.709 | HH | 15023  | 307845 | 4.82% | 0.275% |
| 114 | 8.735 | 8.709 | 8.752 | HH | 8322   | 164638 | 2.58% | 0.147% |
| 115 | 8.759 | 8.752 | 8.772 | HH | 5886   | 65883  | 1.03% | 0.059% |
| 116 | 8.790 | 8.772 | 8.799 | HH | 6296   | 93998  | 1.47% | 0.084% |
| 117 | 8.805 | 8.799 | 8.813 | HH | 6039   | 46419  | 0.73% | 0.041% |
| 118 | 8.829 | 8.813 | 8.847 | HH | 6784   | 123259 | 1.93% | 0.110% |
| 119 | 8.859 | 8.847 | 8.874 | HH | 5592   | 88538  | 1.38% | 0.079% |
| 120 | 8.905 | 8.874 | 8.926 | HH | 7080   | 196205 | 3.07% | 0.175% |
| 121 | 8.967 | 8.926 | 8.992 | HH | 34098  | 558209 | 8.73% | 0.498% |
| 122 | 8.997 | 8.992 | 9.033 | HH | 7348   | 159486 | 2.49% | 0.142% |
| 123 | 9.053 | 9.033 | 9.077 | HH | 7491   | 166319 | 2.60% | 0.148% |
| 124 | 9.111 | 9.077 | 9.136 | HH | 6612   | 201479 | 3.15% | 0.180% |
| 125 | 9.166 | 9.136 | 9.181 | HH | 6468   | 151551 | 2.37% | 0.135% |
| 126 | 9.196 | 9.181 | 9.231 | HH | 6877   | 177621 | 2.78% | 0.158% |
| 127 | 9.249 | 9.231 | 9.282 | HH | 6926   | 184391 | 2.88% | 0.164% |
| 128 | 9.298 | 9.282 | 9.316 | HH | 6319   | 114411 | 1.79% | 0.102% |
| 129 | 9.343 | 9.316 | 9.371 | HH | 10991  | 268345 | 4.20% | 0.239% |
| 130 | 9.387 | 9.371 | 9.396 | HH | 7248   | 102469 | 1.60% | 0.091% |
| 131 | 9.427 | 9.396 | 9.450 | HH | 9313   | 243641 | 3.81% | 0.217% |
| 132 | 9.473 | 9.450 | 9.492 | HH | 9219   | 181341 | 2.84% | 0.162% |
| 133 | 9.525 | 9.492 | 9.555 | HH | 8859   | 258152 | 4.04% | 0.230% |
| 134 | 9.572 | 9.555 | 9.598 | HH | 5988   | 140671 | 2.20% | 0.125% |
| 135 | 9.626 | 9.598 | 9.642 | HH | 5583   | 145309 | 2.27% | 0.130% |
| 136 | 9.701 | 9.642 | 9.724 | HH | 8649   | 331786 | 5.19% | 0.296% |
| 137 | 9.746 | 9.724 | 9.795 | HH | 35084  | 567071 | 8.87% | 0.506% |
| 138 | 9.824 | 9.795 | 9.840 | HH | 6646   | 165145 | 2.58% | 0.147% |
| 139 | 9.849 | 9.840 | 9.891 | HH | 6365   | 169669 | 2.65% | 0.151% |
| 140 | 9.916 | 9.891 | 9.943 | HH | 6403   | 174932 | 2.74% | 0.156% |
| 141 | 9.956 | 9.943 | 9.968 | HH | 5368   | 77126  | 1.21% | 0.069% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 9.991  | 9.968  | 10.007 | HH | 5401   | 123678  | 1.93%  | 0.110% |
| 143    | 10.018 | 10.007 | 10.039 | HH | 5818   | 103364  | 1.62%  | 0.092% |
| 144    | 10.094 | 10.039 | 10.107 | HH | 7880   | 248427  | 3.89%  | 0.222% |
| 145    | 10.135 | 10.107 | 10.164 | HH | 15413  | 337572  | 5.28%  | 0.301% |
|        |        |        |        |    |        |         |        |        |
| 146    | 10.185 | 10.164 | 10.204 | HH | 8487   | 172924  | 2.70%  | 0.154% |
| 147    | 10.224 | 10.204 | 10.244 | HH | 8810   | 176291  | 2.76%  | 0.157% |
| 148    | 10.279 | 10.244 | 10.303 | HH | 8825   | 239981  | 3.75%  | 0.214% |
| 149    | 10.325 | 10.303 | 10.357 | HH | 5852   | 180904  | 2.83%  | 0.161% |
| 150    | 10.384 | 10.357 | 10.401 | HH | 6873   | 161006  | 2.52%  | 0.144% |
|        |        |        |        |    |        |         |        |        |
| 151    | 10.415 | 10.401 | 10.447 | HH | 6731   | 176687  | 2.76%  | 0.158% |
| 152    | 10.486 | 10.447 | 10.518 | HH | 32102  | 557814  | 8.73%  | 0.497% |
| 153    | 10.557 | 10.518 | 10.588 | HH | 14044  | 386636  | 6.05%  | 0.345% |
| 154    | 10.601 | 10.588 | 10.637 | HH | 6731   | 177901  | 2.78%  | 0.159% |
| 155    | 10.676 | 10.637 | 10.690 | HH | 5740   | 167919  | 2.63%  | 0.150% |
|        |        |        |        |    |        |         |        |        |
| 156    | 10.705 | 10.690 | 10.719 | HH | 5929   | 99031   | 1.55%  | 0.088% |
| 157    | 10.739 | 10.719 | 10.779 | HH | 6205   | 212286  | 3.32%  | 0.189% |
| 158    | 10.811 | 10.779 | 10.845 | HH | 7930   | 264652  | 4.14%  | 0.236% |
| 159    | 10.875 | 10.845 | 10.919 | HH | 8749   | 317896  | 4.97%  | 0.284% |
| 160    | 10.940 | 10.919 | 10.972 | HH | 7620   | 198678  | 3.11%  | 0.177% |
|        |        |        |        |    |        |         |        |        |
| 161    | 10.992 | 10.972 | 11.021 | HH | 7098   | 177210  | 2.77%  | 0.158% |
| 162    | 11.045 | 11.021 | 11.076 | HH | 6052   | 178554  | 2.79%  | 0.159% |
| 163    | 11.115 | 11.076 | 11.119 | HH | 5849   | 143562  | 2.25%  | 0.128% |
| 164    | 11.126 | 11.119 | 11.151 | HH | 6046   | 113672  | 1.78%  | 0.101% |
| 165    | 11.189 | 11.151 | 11.221 | HH | 28052  | 500029  | 7.82%  | 0.446% |
|        |        |        |        |    |        |         |        |        |
| 166    | 11.227 | 11.221 | 11.250 | HH | 6447   | 109809  | 1.72%  | 0.098% |
| 167    | 11.280 | 11.250 | 11.316 | HH | 11987  | 318447  | 4.98%  | 0.284% |
| 168    | 11.325 | 11.316 | 11.330 | HH | 5582   | 45400   | 0.71%  | 0.040% |
| 169    | 11.345 | 11.330 | 11.363 | HH | 5868   | 112067  | 1.75%  | 0.100% |
| 170    | 11.389 | 11.363 | 11.406 | HH | 6174   | 148271  | 2.32%  | 0.132% |
|        |        |        |        |    |        |         |        |        |
| 171    | 11.427 | 11.406 | 11.450 | HH | 6157   | 153043  | 2.39%  | 0.136% |
| 172    | 11.485 | 11.450 | 11.526 | HH | 8156   | 315688  | 4.94%  | 0.282% |
| 173    | 11.546 | 11.526 | 11.560 | HH | 7328   | 139655  | 2.18%  | 0.125% |
| 174    | 11.587 | 11.560 | 11.608 | HH | 8507   | 216076  | 3.38%  | 0.193% |
| 175    | 11.624 | 11.608 | 11.642 | HH | 7716   | 142943  | 2.24%  | 0.127% |
|        |        |        |        |    |        |         |        |        |
| 176    | 11.674 | 11.642 | 11.700 | HH | 7970   | 246132  | 3.85%  | 0.220% |
| 177    | 11.749 | 11.700 | 11.773 | HH | 10557  | 330645  | 5.17%  | 0.295% |
| 178    | 11.792 | 11.773 | 11.810 | HH | 6699   | 142971  | 2.24%  | 0.128% |
| 179    | 11.860 | 11.810 | 11.886 | HH | 23877  | 525276  | 8.22%  | 0.468% |
| 180    | 11.913 | 11.886 | 11.974 | HH | 153080 | 2018123 | 31.57% | 1.800% |
|        |        |        |        |    |        |         |        |        |
| 181    | 11.984 | 11.974 | 12.009 | HH | 6863   | 139627  | 2.18%  | 0.125% |
| 182    | 12.012 | 12.009 | 12.033 | HH | 6516   | 91919   | 1.44%  | 0.082% |
| 183    | 12.061 | 12.033 | 12.071 | HH | 6736   | 144801  | 2.26%  | 0.129% |
| 184    | 12.080 | 12.071 | 12.106 | HH | 6826   | 138386  | 2.16%  | 0.123% |
| 185    | 12.134 | 12.106 | 12.160 | HH | 7687   | 231186  | 3.62%  | 0.206% |
|        |        |        |        |    |        |         |        |        |
| 186    | 12.167 | 12.160 | 12.182 | HH | 7218   | 89960   | 1.41%  | 0.080% |
| 187    | 12.202 | 12.182 | 12.208 | HH | 7138   | 112011  | 1.75%  | 0.100% |
| 188    | 12.218 | 12.208 | 12.224 | HH | 7196   | 65273   | 1.02%  | 0.058% |
| 189    | 12.246 | 12.224 | 12.258 | HH | 7699   | 149906  | 2.34%  | 0.134% |
| 190    | 12.275 | 12.258 | 12.308 | HH | 8396   | 222181  | 3.48%  | 0.198% |
|        |        |        |        |    |        |         |        |        |
| 191    | 12.328 | 12.308 | 12.359 | HH | 7958   | 220508  | 3.45%  | 0.197% |
| 192    | 12.379 | 12.359 | 12.400 | HH | 8720   | 185321  | 2.90%  | 0.165% |
| 193    | 12.437 | 12.400 | 12.470 | HH | 7809   | 304187  | 4.76%  | 0.271% |
| 194    | 12.502 | 12.470 | 12.532 | HH | 22186  | 445871  | 6.97%  | 0.398% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 195 | 12.558 | 12.532 | 12.618 | HH | 9923   | 412570  | 6.45%   | 0.368% |
| 196 | 12.624 | 12.618 | 12.639 | HH | 7319   | 89066   | 1.39%   | 0.079% |
| 197 | 12.648 | 12.639 | 12.672 | HH | 7259   | 141167  | 2.21%   | 0.126% |
| 198 | 12.684 | 12.672 | 12.696 | HH | 7125   | 97189   | 1.52%   | 0.087% |
| 199 | 12.714 | 12.696 | 12.723 | HH | 7232   | 113569  | 1.78%   | 0.101% |
| 200 | 12.726 | 12.723 | 12.733 | HH | 7175   | 42230   | 0.66%   | 0.038% |
| 201 | 12.754 | 12.733 | 12.781 | HH | 9529   | 241514  | 3.78%   | 0.215% |
| 202 | 12.808 | 12.781 | 12.837 | HH | 9738   | 288964  | 4.52%   | 0.258% |
| 203 | 12.860 | 12.837 | 12.882 | HH | 10821  | 253035  | 3.96%   | 0.226% |
| 204 | 12.935 | 12.882 | 12.967 | HH | 446746 | 6392982 | 100.00% | 5.702% |
| 205 | 12.993 | 12.967 | 13.014 | HH | 446925 | 5795423 | 90.65%  | 5.169% |
| 206 | 13.023 | 13.014 | 13.074 | HH | 49218  | 850978  | 13.31%  | 0.759% |
| 207 | 13.083 | 13.074 | 13.092 | HH | 9553   | 105075  | 1.64%   | 0.094% |
| 208 | 13.116 | 13.092 | 13.140 | HH | 20842  | 411506  | 6.44%   | 0.367% |
| 209 | 13.169 | 13.140 | 13.199 | HH | 64806  | 1058134 | 16.55%  | 0.944% |
| 210 | 13.209 | 13.199 | 13.219 | HH | 13295  | 152707  | 2.39%   | 0.136% |
| 211 | 13.227 | 13.219 | 13.245 | HH | 13468  | 197935  | 3.10%   | 0.177% |
| 212 | 13.261 | 13.245 | 13.302 | HH | 12302  | 375327  | 5.87%   | 0.335% |
| 213 | 13.334 | 13.302 | 13.367 | HH | 11616  | 419134  | 6.56%   | 0.374% |
| 214 | 13.373 | 13.367 | 13.379 | HH | 11163  | 82237   | 1.29%   | 0.073% |
| 215 | 13.382 | 13.379 | 13.407 | HH | 11180  | 183014  | 2.86%   | 0.163% |
| 216 | 13.463 | 13.407 | 13.517 | HH | 26581  | 941348  | 14.72%  | 0.840% |
| 217 | 13.534 | 13.517 | 13.546 | HH | 12172  | 201755  | 3.16%   | 0.180% |
| 218 | 13.576 | 13.546 | 13.618 | HH | 13255  | 523187  | 8.18%   | 0.467% |
| 219 | 13.635 | 13.618 | 13.668 | HH | 12046  | 349766  | 5.47%   | 0.312% |
| 220 | 13.704 | 13.668 | 13.725 | HH | 22977  | 558984  | 8.74%   | 0.499% |
| 221 | 13.746 | 13.725 | 13.783 | HH | 16603  | 511241  | 8.00%   | 0.456% |
| 222 | 13.815 | 13.783 | 13.847 | HH | 17769  | 562726  | 8.80%   | 0.502% |
| 223 | 13.856 | 13.847 | 13.880 | HH | 12384  | 236085  | 3.69%   | 0.211% |
| 224 | 13.925 | 13.880 | 13.938 | HH | 13830  | 452274  | 7.07%   | 0.403% |
| 225 | 13.964 | 13.938 | 13.976 | HH | 22902  | 420796  | 6.58%   | 0.375% |
| 226 | 13.987 | 13.976 | 13.992 | HH | 21566  | 204324  | 3.20%   | 0.182% |
| 227 | 14.003 | 13.992 | 14.032 | HH | 22333  | 455854  | 7.13%   | 0.407% |
| 228 | 14.055 | 14.032 | 14.076 | HH | 15783  | 390774  | 6.11%   | 0.349% |
| 229 | 14.109 | 14.076 | 14.132 | HH | 18327  | 543945  | 8.51%   | 0.485% |
| 230 | 14.157 | 14.132 | 14.174 | HH | 22920  | 484294  | 7.58%   | 0.432% |
| 231 | 14.188 | 14.174 | 14.243 | HH | 19371  | 708982  | 11.09%  | 0.632% |
| 232 | 14.267 | 14.243 | 14.297 | HH | 23536  | 609988  | 9.54%   | 0.544% |
| 233 | 14.324 | 14.297 | 14.349 | HH | 28045  | 660571  | 10.33%  | 0.589% |
| 234 | 14.385 | 14.349 | 14.406 | HH | 20216  | 622426  | 9.74%   | 0.555% |
| 235 | 14.433 | 14.406 | 14.458 | HH | 19951  | 581955  | 9.10%   | 0.519% |
| 236 | 14.474 | 14.458 | 14.481 | HH | 18134  | 246262  | 3.85%   | 0.220% |
| 237 | 14.490 | 14.481 | 14.500 | HH | 18273  | 201996  | 3.16%   | 0.180% |
| 238 | 14.519 | 14.500 | 14.532 | HH | 18878  | 364183  | 5.70%   | 0.325% |
| 239 | 14.552 | 14.532 | 14.573 | HH | 19585  | 458784  | 7.18%   | 0.409% |
| 240 | 14.605 | 14.573 | 14.634 | HH | 31540  | 875444  | 13.69%  | 0.781% |
| 241 | 14.643 | 14.634 | 14.647 | HH | 20249  | 153940  | 2.41%   | 0.137% |
| 242 | 14.661 | 14.647 | 14.684 | HH | 20612  | 454068  | 7.10%   | 0.405% |
| 243 | 14.729 | 14.684 | 14.751 | HH | 22804  | 878934  | 13.75%  | 0.784% |
| 244 | 14.786 | 14.751 | 14.791 | HH | 28265  | 611898  | 9.57%   | 0.546% |
| 245 | 14.809 | 14.791 | 14.844 | HH | 31846  | 851247  | 13.32%  | 0.759% |
| 246 | 14.879 | 14.844 | 14.911 | HH | 24084  | 943314  | 14.76%  | 0.841% |

| rteres |        |        |        |     |       |         |        |        |
|--------|--------|--------|--------|-----|-------|---------|--------|--------|
| 247    | 14.914 | 14.911 | 14.918 | HH  | 23852 | 97031   | 1.52%  | 0.087% |
| 248    | 14.946 | 14.918 | 14.968 | HH  | 24907 | 732775  | 11.46% | 0.654% |
| 249    | 14.975 | 14.968 | 14.980 | HH  | 24537 | 176154  | 2.76%  | 0.157% |
| 250    | 15.001 | 14.980 | 15.009 | HH  | 24842 | 439539  | 6.88%  | 0.392% |
|        |        |        |        |     |       |         |        |        |
| 251    | 15.014 | 15.009 | 15.020 | HH  | 24558 | 155990  | 2.44%  | 0.139% |
| 252    | 15.026 | 15.020 | 15.030 | HH  | 24859 | 146985  | 2.30%  | 0.131% |
| 253    | 15.077 | 15.030 | 15.101 | HH  | 26899 | 1107798 | 17.33% | 0.988% |
| 254    | 15.125 | 15.101 | 15.130 | HH  | 27680 | 473910  | 7.41%  | 0.423% |
| 255    | 15.158 | 15.130 | 15.173 | HH  | 29337 | 738675  | 11.55% | 0.659% |
|        |        |        |        |     |       |         |        |        |
| 256    | 15.196 | 15.173 | 15.217 | HH  | 31832 | 787149  | 12.31% | 0.702% |
| 257    | 15.222 | 15.217 | 15.272 | HH  | 29461 | 960691  | 15.03% | 0.857% |
| 258    | 15.331 | 15.272 | 15.364 | HH  | 36963 | 1703792 | 26.65% | 1.520% |
| 259    | 15.393 | 15.364 | 15.442 | HH  | 37037 | 1528832 | 23.91% | 1.364% |
| 260    | 15.463 | 15.442 | 15.485 | HH  | 32883 | 828698  | 12.96% | 0.739% |
|        |        |        |        |     |       |         |        |        |
| 261    | 15.516 | 15.485 | 15.532 | HH  | 33232 | 920214  | 14.39% | 0.821% |
| 262    | 15.542 | 15.532 | 15.547 | HH  | 33624 | 289180  | 4.52%  | 0.258% |
| 263    | 15.554 | 15.547 | 15.560 | HH  | 33842 | 267337  | 4.18%  | 0.238% |
| 264    | 15.590 | 15.560 | 15.604 | HH  | 35128 | 901946  | 14.11% | 0.804% |
| 265    | 15.616 | 15.604 | 15.631 | HH  | 35013 | 568543  | 8.89%  | 0.507% |
|        |        |        |        |     |       |         |        |        |
| 266    | 15.660 | 15.631 | 15.668 | HH  | 35635 | 789177  | 12.34% | 0.704% |
| 267    | 15.718 | 15.668 | 15.724 | HH  | 37862 | 1221923 | 19.11% | 1.090% |
| 268    | 15.730 | 15.724 | 15.733 | HH  | 37875 | 198925  | 3.11%  | 0.177% |
| 269    | 15.738 | 15.733 | 15.752 | HH  | 38113 | 444992  | 6.96%  | 0.397% |
| 270    | 15.755 | 15.752 | 15.761 | HH  | 38329 | 190155  | 2.97%  | 0.170% |
|        |        |        |        |     |       |         |        |        |
| 271    | 15.770 | 15.761 | 15.791 | HH  | 38685 | 688736  | 10.77% | 0.614% |
| 272    | 15.835 | 15.791 | 15.875 | HH  | 52746 | 2180357 | 34.11% | 1.945% |
| 273    | 15.893 | 15.875 | 15.901 | HH  | 42147 | 654384  | 10.24% | 0.584% |
| 274    | 15.905 | 15.901 | 15.910 | HH  | 41966 | 228919  | 3.58%  | 0.204% |
| 275    | 15.969 | 15.910 | 15.979 | HH  | 44442 | 1773435 | 27.74% | 1.582% |
|        |        |        |        |     |       |         |        |        |
| 276    | 16.006 | 15.979 | 16.019 | HH  | 51127 | 1151893 | 18.02% | 1.027% |
| 277    | 16.041 | 16.019 | 16.071 | HH  | 53852 | 1567214 | 24.51% | 1.398% |
| 278    | 16.076 | 16.071 | 16.091 | HH  | 48435 | 577876  | 9.04%  | 0.515% |
| 279    | 16.127 | 16.091 | 16.152 | HH  | 50075 | 1822011 | 28.50% | 1.625% |
| 280    | 16.223 | 16.152 | 16.246 | HH  | 53573 | 2889533 | 45.20% | 2.577% |
|        |        |        |        |     |       |         |        |        |
| 281    | 16.318 | 16.246 | 16.352 | HH  | 70703 | 3642312 | 56.97% | 3.248% |
| 282    | 16.379 | 16.352 | 16.395 | HH  | 58335 | 1467583 | 22.96% | 1.309% |
| 283    | 16.403 | 16.395 | 16.417 | HH  | 58286 | 776706  | 12.15% | 0.693% |
| 284    | 16.433 | 16.417 | 16.437 | HH  | 59377 | 703097  | 11.00% | 0.627% |
| 285    | 16.452 | 16.437 | 16.458 | HH  | 60608 | 736730  | 11.52% | 0.657% |
|        |        |        |        |     |       |         |        |        |
| 286    | 16.484 | 16.458 | 16.499 | HH  | 61540 | 1498602 | 23.44% | 1.337% |
| 287    | 16.501 | 16.499 | 16.504 | HH  | 60910 | 190169  | 2.97%  | 0.170% |
| 288    | 16.531 | 16.504 | 16.551 | HH  | 62478 | 1717239 | 26.86% | 1.532% |
| 289    | 16.556 | 16.551 | 16.560 | HH  | 61989 | 326560  | 5.11%  | 0.291% |
| 290    | 16.562 | 16.560 | 16.570 | HH  | 61974 | 383876  | 6.00%  | 0.342% |
|        |        |        |        |     |       |         |        |        |
| 291    | 16.580 | 16.570 | 16.594 | HH  | 63192 | 896770  | 14.03% | 0.800% |
| 292    | 16.633 | 16.594 | 16.650 | HH  | 74801 | 2314839 | 36.21% | 2.065% |
| 293    | 16.671 | 16.650 | 16.705 | HH  | 83667 | 2413255 | 37.75% | 2.152% |
| 294    | 16.713 | 16.705 | 16.729 | HH  | 68262 | 989929  | 15.48% | 0.883% |
| 295    | 16.788 | 16.729 | 16.821 | HHA | 91616 | 4212168 | 65.89% | 3.757% |

Sum of corrected areas: 112125075