

rteres

## Area Percent Report

Data Path : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\FID\_E\Data\FE011719\  
 Data File : FE029502.D  
 Signal(s) : FID1B.CH  
 Acq On : 17 Jan 2019 12:59  
 Sample : K1153-01  
 Misc :  
 ALS Vial : 6 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         | 2.503       | 2.465        | 2.615      | BH       | 37             | -27619       | -0.64%         | -0.024%       |
| 2         | 2.621       | 2.615        | 2.658      | PH       | -583           | -17407       | -0.40%         | -0.015%       |
| 3         | 2.670       | 2.658        | 2.712      | PH       | 2438           | 24158        | 0.56%          | 0.021%        |
| 4         | 2.723       | 2.712        | 2.745      | PH       | 32             | -6356        | -0.15%         | -0.005%       |
| 5         | 2.752       | 2.745        | 2.802      | PH       | -393           | -45970       | -1.06%         | -0.040%       |
| 6         | 2.814       | 2.802        | 2.872      | PH       | -1779          | -79304       | -1.83%         | -0.068%       |
| 7         | 2.920       | 2.872        | 2.945      | PH       | -1890          | -87502       | -2.02%         | -0.075%       |
| 8         | 2.975       | 2.945        | 2.998      | PH       | -1979          | -66319       | -1.53%         | -0.057%       |
| 9         | 3.023       | 2.998        | 3.044      | PH       | -1516          | -52342       | -1.21%         | -0.045%       |
| 10        | 3.060       | 3.044        | 3.115      | PH       | -1715          | -83104       | -1.92%         | -0.071%       |
| 11        | 3.123       | 3.115        | 3.150      | PH       | -1970          | -43689       | -1.01%         | -0.038%       |
| 12        | 3.157       | 3.150        | 3.194      | PH       | -2117          | -59336       | -1.37%         | -0.051%       |
| 13        | 3.203       | 3.194        | 3.225      | PH       | -2194          | -42367       | -0.98%         | -0.036%       |
| 14        | 3.274       | 3.225        | 3.318      | PH       | -1632          | -112102      | -2.59%         | -0.096%       |
| 15        | 3.330       | 3.318        | 3.362      | PH       | -1944          | -55580       | -1.28%         | -0.048%       |
| 16        | 3.371       | 3.362        | 3.419      | PH       | -2094          | -75115       | -1.73%         | -0.065%       |
| 17        | 3.431       | 3.419        | 3.445      | PH       | -2200          | -34744       | -0.80%         | -0.030%       |
| 18        | 3.465       | 3.445        | 3.481      | PH       | -1978          | -45225       | -1.04%         | -0.039%       |
| 19        | 3.492       | 3.481        | 3.523      | PH       | -1897          | -50768       | -1.17%         | -0.044%       |
| 20        | 3.535       | 3.523        | 3.581      | PH       | -2031          | -76629       | -1.77%         | -0.066%       |
| 21        | 3.603       | 3.581        | 3.636      | PH       | -2125          | -74253       | -1.71%         | -0.064%       |
| 22        | 3.649       | 3.636        | 3.676      | PH       | -2183          | -54299       | -1.25%         | -0.047%       |
| 23        | 3.683       | 3.676        | 3.722      | PH       | -2397          | -65993       | -1.52%         | -0.057%       |
| 24        | 3.753       | 3.722        | 3.773      | PH       | -2290          | -74750       | -1.72%         | -0.064%       |
| 25        | 3.831       | 3.773        | 3.848      | PH       | -2202          | -105179      | -2.43%         | -0.090%       |
| 26        | 3.856       | 3.848        | 3.878      | PH       | -2237          | -41520       | -0.96%         | -0.036%       |
| 27        | 3.887       | 3.878        | 3.905      | PH       | -2283          | -37822       | -0.87%         | -0.033%       |
| 28        | 3.919       | 3.905        | 3.951      | PH       | -2242          | -66733       | -1.54%         | -0.057%       |
| 29        | 3.963       | 3.951        | 3.991      | PH       | -2392          | -57985       | -1.34%         | -0.050%       |
| 30        | 4.025       | 3.991        | 4.038      | PH       | -2328          | -67925       | -1.57%         | -0.058%       |
| 31        | 4.061       | 4.038        | 4.078      | PH       | -2266          | -56027       | -1.29%         | -0.048%       |
| 32        | 4.097       | 4.078        | 4.125      | PH       | -2259          | -65138       | -1.50%         | -0.056%       |
| 33        | 4.158       | 4.125        | 4.528      | PH       | 61752          | 1252854      | 28.90%         | 1.077%        |
| 34        | 4.544       | 4.528        | 4.600      | PH       | -1100          | -65674       | -1.51%         | -0.056%       |
| 35        | 4.618       | 4.600        | 4.657      | PH       | -1587          | -64902       | -1.50%         | -0.056%       |
| 36        | 4.669       | 4.657        | 4.685      | PH       | -2107          | -36821       | -0.85%         | -0.032%       |

|    |       |       |       |    | rteres |         |        |         |
|----|-------|-------|-------|----|--------|---------|--------|---------|
| 37 | 4.709 | 4.685 | 4.778 | PH | -447   | -92107  | -2.12% | -0.079% |
| 38 | 4.795 | 4.778 | 4.898 | PH | -696   | -119038 | -2.75% | -0.102% |
| 39 | 4.913 | 4.898 | 4.977 | PH | -2093  | -106773 | -2.46% | -0.092% |
| 40 | 4.990 | 4.977 | 5.011 | PH | -2210  | -47298  | -1.09% | -0.041% |
| 41 | 5.019 | 5.011 | 5.055 | PH | -2225  | -60141  | -1.39% | -0.052% |
| 42 | 5.151 | 5.055 | 5.171 | PH | -1905  | -155670 | -3.59% | -0.134% |
| 43 | 5.206 | 5.171 | 5.248 | PH | -1889  | -95243  | -2.20% | -0.082% |
| 44 | 5.259 | 5.248 | 5.269 | PH | -2207  | -27458  | -0.63% | -0.024% |
| 45 | 5.288 | 5.269 | 5.306 | PH | -2227  | -50610  | -1.17% | -0.044% |
| 46 | 5.319 | 5.306 | 5.335 | PH | -2187  | -38890  | -0.90% | -0.033% |
| 47 | 5.341 | 5.335 | 5.349 | PH | -2226  | -19429  | -0.45% | -0.017% |
| 48 | 5.390 | 5.349 | 5.418 | PH | -2057  | -88618  | -2.04% | -0.076% |
| 49 | 5.422 | 5.418 | 5.435 | PH | -2054  | -20887  | -0.48% | -0.018% |
| 50 | 5.466 | 5.435 | 5.559 | PH | -1751  | -152036 | -3.51% | -0.131% |
| 51 | 5.579 | 5.559 | 5.631 | PH | -1864  | -92645  | -2.14% | -0.080% |
| 52 | 5.643 | 5.631 | 5.667 | PH | -2113  | -47909  | -1.11% | -0.041% |
| 53 | 5.706 | 5.667 | 5.739 | PH | -2038  | -93448  | -2.16% | -0.080% |
| 54 | 5.759 | 5.739 | 5.788 | PH | -2159  | -65579  | -1.51% | -0.056% |
| 55 | 5.800 | 5.788 | 5.832 | PH | -2186  | -58749  | -1.36% | -0.051% |
| 56 | 5.855 | 5.832 | 5.899 | PH | -1956  | -83947  | -1.94% | -0.072% |
| 57 | 5.904 | 5.899 | 5.915 | PH | -1985  | -18805  | -0.43% | -0.016% |
| 58 | 5.944 | 5.915 | 6.012 | PH | -1539  | -108216 | -2.50% | -0.093% |
| 59 | 6.033 | 6.012 | 6.061 | PH | -2020  | -64541  | -1.49% | -0.055% |
| 60 | 6.067 | 6.061 | 6.083 | PH | -2235  | -29886  | -0.69% | -0.026% |
| 61 | 6.101 | 6.083 | 6.110 | PH | -2254  | -36699  | -0.85% | -0.032% |
| 62 | 6.136 | 6.110 | 6.164 | PH | -1547  | -62590  | -1.44% | -0.054% |
| 63 | 6.208 | 6.164 | 6.237 | PH | -1554  | -79815  | -1.84% | -0.069% |
| 64 | 6.264 | 6.237 | 6.351 | PH | 3380   | -79762  | -1.84% | -0.069% |
| 65 | 6.363 | 6.351 | 6.380 | PH | -1898  | -34431  | -0.79% | -0.030% |
| 66 | 6.388 | 6.380 | 6.394 | PH | -2071  | -18288  | -0.42% | -0.016% |
| 67 | 6.402 | 6.394 | 6.427 | PH | -2015  | -41375  | -0.95% | -0.036% |
| 68 | 6.465 | 6.427 | 6.548 | PH | -1647  | -139678 | -3.22% | -0.120% |
| 69 | 6.560 | 6.548 | 6.622 | PH | -1814  | -92058  | -2.12% | -0.079% |
| 70 | 6.639 | 6.622 | 6.680 | PH | -2252  | -79851  | -1.84% | -0.069% |
| 71 | 6.702 | 6.680 | 6.718 | PH | -2099  | -51544  | -1.19% | -0.044% |
| 72 | 6.744 | 6.718 | 6.774 | PH | -2131  | -75048  | -1.73% | -0.065% |
| 73 | 6.792 | 6.774 | 6.827 | PH | -2058  | -70874  | -1.63% | -0.061% |
| 74 | 6.838 | 6.827 | 6.849 | PH | -2151  | -29372  | -0.68% | -0.025% |
| 75 | 6.876 | 6.849 | 6.917 | PH | -1943  | -86875  | -2.00% | -0.075% |
| 76 | 6.946 | 6.917 | 6.981 | PH | -2056  | -82595  | -1.91% | -0.071% |
| 77 | 6.995 | 6.981 | 7.042 | PH | -1996  | -78297  | -1.81% | -0.067% |
| 78 | 7.078 | 7.042 | 7.115 | PH | -2057  | -94179  | -2.17% | -0.081% |
| 79 | 7.188 | 7.115 | 7.205 | PH | -1540  | -102602 | -2.37% | -0.088% |
| 80 | 7.217 | 7.205 | 7.234 | PH | -1824  | -34050  | -0.79% | -0.029% |
| 81 | 7.262 | 7.234 | 7.325 | PH | -727   | -82833  | -1.91% | -0.071% |
| 82 | 7.328 | 7.325 | 7.351 | PH | -1726  | -29264  | -0.67% | -0.025% |
| 83 | 7.372 | 7.351 | 7.427 | PH | -1069  | -65103  | -1.50% | -0.056% |
| 84 | 7.440 | 7.427 | 7.462 | PH | -1670  | -36122  | -0.83% | -0.031% |
| 85 | 7.484 | 7.462 | 7.583 | PH | -1319  | -138792 | -3.20% | -0.119% |
| 86 | 7.598 | 7.583 | 7.638 | PH | -2085  | -71742  | -1.65% | -0.062% |
| 87 | 7.654 | 7.638 | 7.664 | PH | -2028  | -33491  | -0.77% | -0.029% |
| 88 | 7.674 | 7.664 | 7.705 | PH | -2038  | -52852  | -1.22% | -0.045% |
| 89 | 7.742 | 7.705 | 7.751 | PH | -1847  | -54836  | -1.26% | -0.047% |

|     |        |        |        |    |        |        |        |         |
|-----|--------|--------|--------|----|--------|--------|--------|---------|
|     |        |        |        |    | rteres |        |        |         |
| 90  | 7.774  | 7.751  | 7.805  | PH | -1272  | -55080 | -1.27% | -0.047% |
| 91  | 7.829  | 7.805  | 7.852  | PH | -1700  | -51015 | -1.18% | -0.044% |
| 92  | 7.857  | 7.852  | 7.875  | PH | -1748  | -24790 | -0.57% | -0.021% |
| 93  | 7.888  | 7.875  | 7.907  | PH | -1681  | -35590 | -0.82% | -0.031% |
| 94  | 7.946  | 7.907  | 7.968  | PH | -1314  | -62643 | -1.44% | -0.054% |
| 95  | 7.993  | 7.968  | 8.033  | PH | -1546  | -65926 | -1.52% | -0.057% |
| 96  | 8.047  | 8.033  | 8.082  | PH | -1722  | -52582 | -1.21% | -0.045% |
| 97  | 8.128  | 8.082  | 8.158  | PH | -1265  | -72676 | -1.68% | -0.062% |
| 98  | 8.171  | 8.158  | 8.201  | PH | -1341  | -40593 | -0.94% | -0.035% |
| 99  | 8.258  | 8.201  | 8.301  | PH | -767   | -77188 | -1.78% | -0.066% |
| 100 | 8.324  | 8.301  | 8.338  | PH | 587    | -8173  | -0.19% | -0.007% |
| 101 | 8.352  | 8.338  | 8.395  | PH | 1723   | -8464  | -0.20% | -0.007% |
| 102 | 8.435  | 8.395  | 8.484  | PH | 53672  | 656941 | 15.15% | 0.565%  |
| 103 | 8.503  | 8.484  | 8.571  | HH | 11282  | 187230 | 4.32%  | 0.161%  |
| 104 | 8.587  | 8.571  | 8.665  | PH | 58     | -34638 | -0.80% | -0.030% |
| 105 | 8.682  | 8.665  | 8.705  | PH | -393   | -15772 | -0.36% | -0.014% |
| 106 | 8.723  | 8.705  | 8.765  | PH | -83    | -24898 | -0.57% | -0.021% |
| 107 | 8.785  | 8.765  | 8.837  | PH | 19235  | 228354 | 5.27%  | 0.196%  |
| 108 | 8.854  | 8.837  | 8.870  | HH | 826    | 10697  | 0.25%  | 0.009%  |
| 109 | 8.885  | 8.870  | 8.921  | HH | 956    | -104   | -0.00% | -0.000% |
| 110 | 8.939  | 8.921  | 8.955  | PH | -530   | -14429 | -0.33% | -0.012% |
| 111 | 8.981  | 8.955  | 9.004  | PH | -789   | -25999 | -0.60% | -0.022% |
| 112 | 9.037  | 9.004  | 9.071  | PH | 288    | -21641 | -0.50% | -0.019% |
| 113 | 9.094  | 9.071  | 9.156  | PH | 2469   | 43257  | 1.00%  | 0.037%  |
| 114 | 9.176  | 9.156  | 9.198  | PH | 2326   | 17253  | 0.40%  | 0.015%  |
| 115 | 9.211  | 9.198  | 9.241  | PH | -67    | -11779 | -0.27% | -0.010% |
| 116 | 9.259  | 9.241  | 9.301  | PH | 264    | -17293 | -0.40% | -0.015% |
| 117 | 9.359  | 9.301  | 9.394  | PH | 930    | -2344  | -0.05% | -0.002% |
| 118 | 9.412  | 9.394  | 9.427  | PH | 203    | -1900  | -0.04% | -0.002% |
| 119 | 9.436  | 9.427  | 9.450  | PH | -31    | -2941  | -0.07% | -0.003% |
| 120 | 9.473  | 9.450  | 9.530  | PH | 727    | 4291   | 0.10%  | 0.004%  |
| 121 | 9.554  | 9.530  | 9.571  | PH | 2316   | 25740  | 0.59%  | 0.022%  |
| 122 | 9.591  | 9.571  | 9.698  | HH | 10372  | 238898 | 5.51%  | 0.205%  |
| 123 | 9.711  | 9.698  | 9.720  | HH | 1370   | 14570  | 0.34%  | 0.013%  |
| 124 | 9.738  | 9.720  | 9.774  | HH | 3399   | 58965  | 1.36%  | 0.051%  |
| 125 | 9.798  | 9.774  | 9.850  | HH | 1626   | 31758  | 0.73%  | 0.027%  |
| 126 | 9.876  | 9.850  | 9.895  | PH | 1399   | 16860  | 0.39%  | 0.014%  |
| 127 | 9.922  | 9.895  | 9.940  | HH | 2719   | 44089  | 1.02%  | 0.038%  |
| 128 | 9.956  | 9.940  | 10.001 | HH | 4849   | 64501  | 1.49%  | 0.055%  |
| 129 | 10.036 | 10.001 | 10.075 | HH | 2443   | 64757  | 1.49%  | 0.056%  |
| 130 | 10.098 | 10.075 | 10.117 | HH | 2009   | 39770  | 0.92%  | 0.034%  |
| 131 | 10.131 | 10.117 | 10.216 | HH | 1685   | 56353  | 1.30%  | 0.048%  |
| 132 | 10.232 | 10.216 | 10.252 | HH | 390    | 3919   | 0.09%  | 0.003%  |
| 133 | 10.302 | 10.252 | 10.315 | PH | 1846   | 24849  | 0.57%  | 0.021%  |
| 134 | 10.342 | 10.315 | 10.365 | HH | 3415   | 63454  | 1.46%  | 0.055%  |
| 135 | 10.393 | 10.365 | 10.411 | HH | 1390   | 32528  | 0.75%  | 0.028%  |
| 136 | 10.460 | 10.411 | 10.475 | HH | 8290   | 138521 | 3.19%  | 0.119%  |
| 137 | 10.485 | 10.475 | 10.509 | HH | 5209   | 75524  | 1.74%  | 0.065%  |
| 138 | 10.524 | 10.509 | 10.551 | HH | 2911   | 50388  | 1.16%  | 0.043%  |
| 139 | 10.592 | 10.551 | 10.609 | HH | 4917   | 89312  | 2.06%  | 0.077%  |
| 140 | 10.630 | 10.609 | 10.651 | HH | 4251   | 78899  | 1.82%  | 0.068%  |
| 141 | 10.668 | 10.651 | 10.678 | HH | 3126   | 41809  | 0.96%  | 0.036%  |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 10.698 | 10.678 | 10.738 | HH | 8113   | 159055  | 3.67%  | 0.137% |
| 143    | 10.763 | 10.738 | 10.781 | HH | 6066   | 116958  | 2.70%  | 0.101% |
| 144    | 10.807 | 10.781 | 10.829 | HH | 7438   | 159438  | 3.68%  | 0.137% |
| 145    | 10.848 | 10.829 | 10.948 | HH | 14756  | 446574  | 10.30% | 0.384% |
| 146    | 10.985 | 10.948 | 11.054 | HH | 112305 | 1621945 | 37.41% | 1.395% |
| 147    | 11.074 | 11.054 | 11.105 | HH | 29720  | 512585  | 11.82% | 0.441% |
| 148    | 11.123 | 11.105 | 11.166 | HH | 32905  | 483056  | 11.14% | 0.415% |
| 149    | 11.180 | 11.166 | 11.237 | HH | 4326   | 151095  | 3.48%  | 0.130% |
| 150    | 11.250 | 11.237 | 11.285 | HH | 2826   | 65458   | 1.51%  | 0.056% |
| 151    | 11.331 | 11.285 | 11.378 | HH | 7822   | 257466  | 5.94%  | 0.221% |
| 152    | 11.421 | 11.378 | 11.462 | HH | 18646  | 367640  | 8.48%  | 0.316% |
| 153    | 11.489 | 11.462 | 11.577 | HH | 47046  | 801791  | 18.49% | 0.689% |
| 154    | 11.597 | 11.577 | 11.620 | HH | 5054   | 102844  | 2.37%  | 0.088% |
| 155    | 11.642 | 11.620 | 11.655 | HH | 3956   | 74950   | 1.73%  | 0.064% |
| 156    | 11.692 | 11.655 | 11.722 | HH | 5555   | 180084  | 4.15%  | 0.155% |
| 157    | 11.734 | 11.722 | 11.776 | HH | 4139   | 115232  | 2.66%  | 0.099% |
| 158    | 11.801 | 11.776 | 11.821 | HH | 16089  | 233371  | 5.38%  | 0.201% |
| 159    | 11.837 | 11.821 | 11.877 | HH | 17225  | 313839  | 7.24%  | 0.270% |
| 160    | 11.912 | 11.877 | 11.938 | HH | 28966  | 474659  | 10.95% | 0.408% |
| 161    | 11.953 | 11.938 | 11.969 | HH | 11316  | 166334  | 3.84%  | 0.143% |
| 162    | 11.986 | 11.969 | 12.035 | HH | 11769  | 274206  | 6.32%  | 0.236% |
| 163    | 12.073 | 12.035 | 12.103 | HH | 6427   | 174421  | 4.02%  | 0.150% |
| 164    | 12.134 | 12.103 | 12.155 | HH | 4731   | 125102  | 2.89%  | 0.108% |
| 165    | 12.172 | 12.155 | 12.186 | HH | 5270   | 89873   | 2.07%  | 0.077% |
| 166    | 12.226 | 12.186 | 12.254 | HH | 8908   | 274983  | 6.34%  | 0.236% |
| 167    | 12.274 | 12.254 | 12.320 | HH | 12384  | 317696  | 7.33%  | 0.273% |
| 168    | 12.359 | 12.320 | 12.465 | HH | 134189 | 2476371 | 57.12% | 2.129% |
| 169    | 12.485 | 12.465 | 12.508 | HH | 6075   | 139224  | 3.21%  | 0.120% |
| 170    | 12.546 | 12.508 | 12.578 | HH | 6182   | 221091  | 5.10%  | 0.190% |
| 171    | 12.599 | 12.578 | 12.612 | HH | 8615   | 131549  | 3.03%  | 0.113% |
| 172    | 12.622 | 12.612 | 12.641 | HH | 6928   | 104887  | 2.42%  | 0.090% |
| 173    | 12.661 | 12.641 | 12.675 | HH | 5455   | 104820  | 2.42%  | 0.090% |
| 174    | 12.697 | 12.675 | 12.753 | HH | 19556  | 539699  | 12.45% | 0.464% |
| 175    | 12.763 | 12.753 | 12.791 | HH | 8397   | 154338  | 3.56%  | 0.133% |
| 176    | 12.815 | 12.791 | 12.904 | HH | 254588 | 3252714 | 75.02% | 2.797% |
| 177    | 12.927 | 12.904 | 12.954 | HH | 7243   | 177112  | 4.08%  | 0.152% |
| 178    | 12.976 | 12.954 | 12.998 | HH | 13248  | 220434  | 5.08%  | 0.190% |
| 179    | 13.015 | 12.998 | 13.026 | HH | 12012  | 158859  | 3.66%  | 0.137% |
| 180    | 13.036 | 13.026 | 13.062 | HH | 11339  | 192322  | 4.44%  | 0.165% |
| 181    | 13.075 | 13.062 | 13.090 | HH | 7182   | 103360  | 2.38%  | 0.089% |
| 182    | 13.116 | 13.090 | 13.161 | HH | 206028 | 2569798 | 59.27% | 2.210% |
| 183    | 13.178 | 13.161 | 13.200 | HH | 25027  | 362970  | 8.37%  | 0.312% |
| 184    | 13.216 | 13.200 | 13.298 | HH | 21366  | 549379  | 12.67% | 0.472% |
| 185    | 13.322 | 13.298 | 13.347 | HH | 10653  | 232127  | 5.35%  | 0.200% |
| 186    | 13.369 | 13.347 | 13.397 | HH | 12465  | 305666  | 7.05%  | 0.263% |
| 187    | 13.414 | 13.397 | 13.441 | HH | 17900  | 345949  | 7.98%  | 0.297% |
| 188    | 13.453 | 13.441 | 13.490 | HH | 10278  | 237584  | 5.48%  | 0.204% |
| 189    | 13.508 | 13.490 | 13.524 | HH | 8620   | 150772  | 3.48%  | 0.130% |
| 190    | 13.539 | 13.524 | 13.551 | HH | 10406  | 143934  | 3.32%  | 0.124% |
| 191    | 13.579 | 13.551 | 13.658 | HH | 55825  | 1140405 | 26.30% | 0.981% |
| 192    | 13.722 | 13.658 | 13.764 | HH | 29696  | 849871  | 19.60% | 0.731% |
| 193    | 13.781 | 13.764 | 13.803 | HH | 9756   | 176599  | 4.07%  | 0.152% |
| 194    | 13.829 | 13.803 | 13.852 | HH | 21405  | 357655  | 8.25%  | 0.308% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 195 | 13.871 | 13.852 | 13.939 | HH | 22082  | 654490  | 15.10%  | 0.563% |
| 196 | 13.998 | 13.939 | 14.027 | HH | 17972  | 550414  | 12.70%  | 0.473% |
| 197 | 14.046 | 14.027 | 14.095 | HH | 12636  | 342224  | 7.89%   | 0.294% |
| 198 | 14.104 | 14.095 | 14.119 | HH | 6168   | 85572   | 1.97%   | 0.074% |
| 199 | 14.164 | 14.119 | 14.183 | HH | 7611   | 253600  | 5.85%   | 0.218% |
| 200 | 14.195 | 14.183 | 14.218 | HH | 7575   | 140102  | 3.23%   | 0.120% |
| 201 | 14.238 | 14.218 | 14.265 | HH | 5921   | 159749  | 3.68%   | 0.137% |
| 202 | 14.274 | 14.265 | 14.289 | HH | 5441   | 77595   | 1.79%   | 0.067% |
| 203 | 14.323 | 14.289 | 14.355 | HH | 9194   | 278713  | 6.43%   | 0.240% |
| 204 | 14.364 | 14.355 | 14.376 | HH | 6348   | 76923   | 1.77%   | 0.066% |
| 205 | 14.395 | 14.376 | 14.407 | HH | 8082   | 134473  | 3.10%   | 0.116% |
| 206 | 14.443 | 14.407 | 14.462 | HH | 10142  | 303464  | 7.00%   | 0.261% |
| 207 | 14.479 | 14.462 | 14.488 | HH | 13847  | 181896  | 4.20%   | 0.156% |
| 208 | 14.501 | 14.488 | 14.538 | HH | 15049  | 387255  | 8.93%   | 0.333% |
| 209 | 14.561 | 14.538 | 14.584 | HH | 26494  | 450681  | 10.39%  | 0.388% |
| 210 | 14.597 | 14.584 | 14.618 | HH | 13663  | 235357  | 5.43%   | 0.202% |
| 211 | 14.646 | 14.618 | 14.673 | HH | 21592  | 482584  | 11.13%  | 0.415% |
| 212 | 14.708 | 14.673 | 14.754 | HH | 24152  | 840705  | 19.39%  | 0.723% |
| 213 | 14.771 | 14.754 | 14.791 | HH | 15803  | 266766  | 6.15%   | 0.229% |
| 214 | 14.823 | 14.791 | 14.856 | HH | 342972 | 4335672 | 100.00% | 3.728% |
| 215 | 14.899 | 14.856 | 14.939 | HH | 13156  | 469831  | 10.84%  | 0.404% |
| 216 | 14.949 | 14.939 | 14.964 | HH | 6439   | 96108   | 2.22%   | 0.083% |
| 217 | 15.012 | 14.964 | 15.035 | HH | 120285 | 1838365 | 42.40%  | 1.581% |
| 218 | 15.053 | 15.035 | 15.136 | HH | 110933 | 1968715 | 45.41%  | 1.693% |
| 219 | 15.179 | 15.136 | 15.208 | HH | 24101  | 570582  | 13.16%  | 0.491% |
| 220 | 15.235 | 15.208 | 15.296 | HH | 12651  | 547964  | 12.64%  | 0.471% |
| 221 | 15.318 | 15.296 | 15.341 | HH | 12087  | 289934  | 6.69%   | 0.249% |
| 222 | 15.408 | 15.341 | 15.508 | HH | 83730  | 2225555 | 51.33%  | 1.914% |
| 223 | 15.543 | 15.508 | 15.561 | HH | 26773  | 518994  | 11.97%  | 0.446% |
| 224 | 15.571 | 15.561 | 15.602 | HH | 14952  | 296101  | 6.83%   | 0.255% |
| 225 | 15.627 | 15.602 | 15.647 | HH | 34299  | 526704  | 12.15%  | 0.453% |
| 226 | 15.659 | 15.647 | 15.675 | HH | 13970  | 204029  | 4.71%   | 0.175% |
| 227 | 15.699 | 15.675 | 15.726 | HH | 29472  | 547305  | 12.62%  | 0.471% |
| 228 | 15.744 | 15.726 | 15.780 | HH | 16744  | 420868  | 9.71%   | 0.362% |
| 229 | 15.800 | 15.780 | 15.820 | HH | 13466  | 278402  | 6.42%   | 0.239% |
| 230 | 15.844 | 15.820 | 15.859 | HH | 20403  | 353213  | 8.15%   | 0.304% |
| 231 | 15.867 | 15.859 | 15.906 | HH | 15644  | 376332  | 8.68%   | 0.324% |
| 232 | 15.938 | 15.906 | 15.975 | HH | 13167  | 453611  | 10.46%  | 0.390% |
| 233 | 15.994 | 15.975 | 16.007 | HH | 9108   | 174559  | 4.03%   | 0.150% |
| 234 | 16.046 | 16.007 | 16.085 | HH | 32548  | 657834  | 15.17%  | 0.566% |
| 235 | 16.151 | 16.085 | 16.198 | HH | 12371  | 651056  | 15.02%  | 0.560% |
| 236 | 16.213 | 16.198 | 16.245 | HH | 9675   | 257948  | 5.95%   | 0.222% |
| 237 | 16.272 | 16.245 | 16.284 | HH | 9053   | 206425  | 4.76%   | 0.177% |
| 238 | 16.302 | 16.284 | 16.328 | HH | 10713  | 249568  | 5.76%   | 0.215% |
| 239 | 16.356 | 16.328 | 16.367 | HH | 10848  | 225455  | 5.20%   | 0.194% |
| 240 | 16.400 | 16.367 | 16.421 | HH | 17055  | 438021  | 10.10%  | 0.377% |
| 241 | 16.439 | 16.421 | 16.461 | HH | 13678  | 306448  | 7.07%   | 0.264% |
| 242 | 16.488 | 16.461 | 16.505 | HH | 16320  | 363741  | 8.39%   | 0.313% |
| 243 | 16.531 | 16.505 | 16.560 | HH | 44131  | 736909  | 17.00%  | 0.634% |
| 244 | 16.588 | 16.560 | 16.607 | HH | 128877 | 1758718 | 40.56%  | 1.512% |
| 245 | 16.621 | 16.607 | 16.663 | HH | 73909  | 1234973 | 28.48%  | 1.062% |
| 246 | 16.680 | 16.663 | 16.705 | HH | 19220  | 365148  | 8.42%   | 0.314% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 16.733 | 16.705 | 16.801 | HH | 26203 | 862167  | 19.89% | 0.741% |
| 248    | 16.848 | 16.801 | 16.871 | HH | 51619 | 916058  | 21.13% | 0.788% |
| 249    | 16.880 | 16.871 | 16.891 | HH | 16747 | 185076  | 4.27%  | 0.159% |
| 250    | 16.913 | 16.891 | 16.954 | HH | 75507 | 1214596 | 28.01% | 1.044% |
|        |        |        |        |    |       |         |        |        |
| 251    | 16.978 | 16.954 | 16.989 | HH | 80134 | 1045827 | 24.12% | 0.899% |
| 252    | 16.995 | 16.989 | 17.034 | HH | 69358 | 994045  | 22.93% | 0.855% |
| 253    | 17.050 | 17.034 | 17.069 | HH | 21999 | 356047  | 8.21%  | 0.306% |
| 254    | 17.088 | 17.069 | 17.140 | HH | 28431 | 743868  | 17.16% | 0.640% |
| 255    | 17.152 | 17.140 | 17.182 | HH | 12829 | 306132  | 7.06%  | 0.263% |
|        |        |        |        |    |       |         |        |        |
| 256    | 17.207 | 17.182 | 17.218 | HH | 13689 | 273461  | 6.31%  | 0.235% |
| 257    | 17.234 | 17.218 | 17.248 | HH | 14215 | 250425  | 5.78%  | 0.215% |
| 258    | 17.260 | 17.248 | 17.279 | HH | 14076 | 243915  | 5.63%  | 0.210% |
| 259    | 17.296 | 17.279 | 17.317 | HH | 13758 | 282026  | 6.50%  | 0.243% |
| 260    | 17.339 | 17.317 | 17.361 | HH | 15771 | 374584  | 8.64%  | 0.322% |
|        |        |        |        |    |       |         |        |        |
| 261    | 17.383 | 17.361 | 17.422 | HH | 18643 | 553569  | 12.77% | 0.476% |
| 262    | 17.451 | 17.422 | 17.476 | HH | 59851 | 909002  | 20.97% | 0.782% |
| 263    | 17.491 | 17.476 | 17.507 | HH | 14973 | 252225  | 5.82%  | 0.217% |
| 264    | 17.526 | 17.507 | 17.565 | HH | 13732 | 424087  | 9.78%  | 0.365% |
| 265    | 17.595 | 17.565 | 17.616 | HH | 13011 | 355722  | 8.20%  | 0.306% |
|        |        |        |        |    |       |         |        |        |
| 266    | 17.657 | 17.616 | 17.697 | HH | 16209 | 631906  | 14.57% | 0.543% |
| 267    | 17.707 | 17.697 | 17.720 | HH | 11234 | 150638  | 3.47%  | 0.130% |
| 268    | 17.734 | 17.720 | 17.753 | HH | 11593 | 215059  | 4.96%  | 0.185% |
| 269    | 17.783 | 17.753 | 17.822 | HH | 12015 | 460023  | 10.61% | 0.396% |
| 270    | 17.852 | 17.822 | 17.864 | HH | 13295 | 301466  | 6.95%  | 0.259% |
|        |        |        |        |    |       |         |        |        |
| 271    | 17.890 | 17.864 | 17.917 | HH | 52208 | 798442  | 18.42% | 0.687% |
| 272    | 17.940 | 17.917 | 17.946 | HH | 11100 | 188771  | 4.35%  | 0.162% |
| 273    | 17.982 | 17.946 | 18.022 | HH | 20441 | 628426  | 14.49% | 0.540% |
| 274    | 18.066 | 18.022 | 18.084 | HH | 14024 | 488377  | 11.26% | 0.420% |
| 275    | 18.108 | 18.084 | 18.119 | HH | 13479 | 274833  | 6.34%  | 0.236% |
|        |        |        |        |    |       |         |        |        |
| 276    | 18.141 | 18.119 | 18.174 | HH | 18863 | 524099  | 12.09% | 0.451% |
| 277    | 18.204 | 18.174 | 18.218 | HH | 16351 | 413135  | 9.53%  | 0.355% |
| 278    | 18.278 | 18.218 | 18.294 | HH | 34094 | 1127826 | 26.01% | 0.970% |
| 279    | 18.314 | 18.294 | 18.339 | HH | 59414 | 982935  | 22.67% | 0.845% |
| 280    | 18.372 | 18.339 | 18.401 | HH | 57130 | 1236380 | 28.52% | 1.063% |
|        |        |        |        |    |       |         |        |        |
| 281    | 18.413 | 18.401 | 18.443 | HH | 27198 | 547809  | 12.63% | 0.471% |
| 282    | 18.460 | 18.443 | 18.489 | HH | 16322 | 396430  | 9.14%  | 0.341% |
| 283    | 18.512 | 18.489 | 18.527 | HH | 23483 | 425967  | 9.82%  | 0.366% |
| 284    | 18.542 | 18.527 | 18.567 | HH | 22584 | 451006  | 10.40% | 0.388% |
| 285    | 18.580 | 18.567 | 18.601 | HH | 16515 | 307099  | 7.08%  | 0.264% |
|        |        |        |        |    |       |         |        |        |
| 286    | 18.625 | 18.601 | 18.679 | HH | 53701 | 1262057 | 29.11% | 1.085% |
| 287    | 18.722 | 18.679 | 18.771 | HH | 39487 | 1133559 | 26.14% | 0.975% |
| 288    | 18.790 | 18.771 | 18.813 | HH | 23103 | 484449  | 11.17% | 0.417% |
| 289    | 18.827 | 18.813 | 18.853 | HH | 19395 | 401929  | 9.27%  | 0.346% |
| 290    | 18.871 | 18.853 | 18.880 | HH | 14047 | 223469  | 5.15%  | 0.192% |
|        |        |        |        |    |       |         |        |        |
| 291    | 18.899 | 18.880 | 18.953 | HH | 16715 | 610180  | 14.07% | 0.525% |
| 292    | 18.980 | 18.953 | 19.007 | HH | 13829 | 424195  | 9.78%  | 0.365% |
| 293    | 19.026 | 19.007 | 19.044 | HH | 13700 | 293240  | 6.76%  | 0.252% |
| 294    | 19.120 | 19.044 | 19.156 | HH | 35123 | 1438646 | 33.18% | 1.237% |
| 295    | 19.168 | 19.156 | 19.203 | HH | 18502 | 457444  | 10.55% | 0.393% |
|        |        |        |        |    |       |         |        |        |
| 296    | 19.230 | 19.203 | 19.257 | HH | 19360 | 558711  | 12.89% | 0.480% |
| 297    | 19.275 | 19.257 | 19.305 | HH | 18529 | 474181  | 10.94% | 0.408% |
| 298    | 19.316 | 19.305 | 19.321 | HH | 15415 | 146022  | 3.37%  | 0.126% |
| 299    | 19.334 | 19.321 | 19.354 | HH | 15896 | 300493  | 6.93%  | 0.258% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 19.393 | 19.354 | 19.434 | HH | 16292  | 709303  | 16.36% | 0.610% |
| 301 | 19.445 | 19.434 | 19.468 | HH | 13613  | 262439  | 6.05%  | 0.226% |
| 302 | 19.509 | 19.468 | 19.541 | HH | 19802  | 630807  | 14.55% | 0.542% |
| 303 | 19.552 | 19.541 | 19.575 | HH | 13408  | 263728  | 6.08%  | 0.227% |
| 304 | 19.603 | 19.575 | 19.692 | HH | 18600  | 1064398 | 24.55% | 0.915% |
| 305 | 19.722 | 19.692 | 19.763 | HH | 16682  | 624228  | 14.40% | 0.537% |
| 306 | 19.808 | 19.763 | 19.856 | HH | 26892  | 1080325 | 24.92% | 0.929% |
| 307 | 19.884 | 19.856 | 19.928 | HH | 32509  | 957783  | 22.09% | 0.824% |
| 308 | 19.943 | 19.928 | 19.969 | HH | 18302  | 421932  | 9.73%  | 0.363% |
| 309 | 19.988 | 19.969 | 20.089 | HH | 17116  | 1086017 | 25.05% | 0.934% |
| 310 | 20.121 | 20.089 | 20.179 | HH | 18041  | 876993  | 20.23% | 0.754% |
| 311 | 20.207 | 20.179 | 20.234 | HH | 27871  | 731131  | 16.86% | 0.629% |
| 312 | 20.249 | 20.234 | 20.269 | HH | 22666  | 420398  | 9.70%  | 0.361% |
| 313 | 20.291 | 20.269 | 20.322 | HH | 19290  | 559123  | 12.90% | 0.481% |
| 314 | 20.343 | 20.322 | 20.394 | HH | 18578  | 724219  | 16.70% | 0.623% |
| 315 | 20.427 | 20.394 | 20.495 | HH | 24634  | 974336  | 22.47% | 0.838% |
| 316 | 20.516 | 20.495 | 20.535 | HH | 13386  | 314988  | 7.27%  | 0.271% |
| 317 | 20.615 | 20.535 | 20.676 | HH | 17249  | 1152370 | 26.58% | 0.991% |
| 318 | 20.686 | 20.676 | 20.705 | HH | 12365  | 209145  | 4.82%  | 0.180% |
| 319 | 20.726 | 20.705 | 20.758 | HH | 12547  | 394420  | 9.10%  | 0.339% |
| 320 | 20.790 | 20.758 | 20.837 | HH | 12799  | 565326  | 13.04% | 0.486% |
| 321 | 20.847 | 20.837 | 20.870 | HH | 11672  | 232870  | 5.37%  | 0.200% |
| 322 | 20.913 | 20.870 | 20.930 | HH | 11712  | 417864  | 9.64%  | 0.359% |
| 323 | 20.949 | 20.930 | 20.980 | HH | 12337  | 358073  | 8.26%  | 0.308% |
| 324 | 21.015 | 20.980 | 21.090 | HH | 15961  | 816250  | 18.83% | 0.702% |
| 325 | 21.103 | 21.090 | 21.132 | HH | 10983  | 278358  | 6.42%  | 0.239% |
| 326 | 21.144 | 21.132 | 21.158 | HH | 10832  | 165577  | 3.82%  | 0.142% |
| 327 | 21.188 | 21.158 | 21.258 | HH | 11092  | 651601  | 15.03% | 0.560% |
| 328 | 21.273 | 21.258 | 21.300 | HH | 10707  | 264294  | 6.10%  | 0.227% |
| 329 | 21.356 | 21.300 | 21.405 | HH | 13071  | 721782  | 16.65% | 0.621% |
| 330 | 21.463 | 21.405 | 21.520 | HH | 14796  | 817488  | 18.85% | 0.703% |
| 331 | 21.569 | 21.520 | 21.644 | HH | 10987  | 793450  | 18.30% | 0.682% |
| 332 | 21.710 | 21.644 | 21.729 | HH | 10723  | 533835  | 12.31% | 0.459% |
| 333 | 21.739 | 21.729 | 21.749 | HH | 10482  | 129028  | 2.98%  | 0.111% |
| 334 | 21.815 | 21.749 | 21.898 | HH | 12439  | 1009633 | 23.29% | 0.868% |
| 335 | 21.912 | 21.898 | 21.930 | HH | 10412  | 198300  | 4.57%  | 0.171% |
| 336 | 21.971 | 21.930 | 22.002 | HH | 13437  | 510480  | 11.77% | 0.439% |
| 337 | 22.020 | 22.002 | 22.111 | HH | 11187  | 668650  | 15.42% | 0.575% |
| 338 | 22.155 | 22.111 | 22.186 | HH | 10671  | 453321  | 10.46% | 0.390% |
| 339 | 22.229 | 22.186 | 22.402 | HH | 11029  | 1314633 | 30.32% | 1.130% |
| 340 | 22.413 | 22.402 | 22.501 | HH | 9557   | 560330  | 12.92% | 0.482% |
| 341 | 22.546 | 22.501 | 22.628 | HH | 11582  | 734079  | 16.93% | 0.631% |
| 342 | 22.639 | 22.628 | 22.685 | HH | 8745   | 290443  | 6.70%  | 0.250% |
| 343 | 22.720 | 22.685 | 22.731 | HH | 8666   | 236364  | 5.45%  | 0.203% |
| 344 | 22.752 | 22.731 | 22.772 | HH | 8884   | 217983  | 5.03%  | 0.187% |
| 345 | 22.812 | 22.772 | 22.905 | HH | 9740   | 704275  | 16.24% | 0.606% |
| 346 | 22.914 | 22.905 | 23.006 | HH | 8261   | 491668  | 11.34% | 0.423% |
| 347 | 23.020 | 23.006 | 23.045 | HH | 7931   | 183580  | 4.23%  | 0.158% |
| 348 | 23.064 | 23.045 | 23.105 | HH | 7977   | 282106  | 6.51%  | 0.243% |
| 349 | 23.124 | 23.105 | 23.141 | HH | 7770   | 169515  | 3.91%  | 0.146% |
| 350 | 23.214 | 23.141 | 23.393 | HH | 10102  | 1222421 | 28.19% | 1.051% |
| 351 | 23.415 | 23.393 | 23.440 | HH | 7450   | 209652  | 4.84%  | 0.180% |

|     |        |        |        |     |                         |         |           |        |
|-----|--------|--------|--------|-----|-------------------------|---------|-----------|--------|
|     |        |        |        |     |                         | rteres  |           |        |
| 352 | 23.451 | 23.440 | 23.461 | HH  | 7510                    | 94126   | 2.17%     | 0.081% |
| 353 | 23.479 | 23.461 | 23.492 | HH  | 7506                    | 138872  | 3.20%     | 0.119% |
| 354 | 23.519 | 23.492 | 23.529 | HH  | 7463                    | 163896  | 3.78%     | 0.141% |
| 355 | 23.535 | 23.529 | 23.618 | HH  | 7416                    | 387928  | 8.95%     | 0.334% |
| 356 | 23.625 | 23.618 | 23.632 | HH  | 7221                    | 61646   | 1.42%     | 0.053% |
| 357 | 23.640 | 23.632 | 23.663 | HH  | 7212                    | 130187  | 3.00%     | 0.112% |
| 358 | 23.776 | 23.663 | 23.913 | HH  | 7903                    | 1081549 | 24.95%    | 0.930% |
| 359 | 23.984 | 23.913 | 24.045 | HH  | 8650                    | 599885  | 13.84%    | 0.516% |
| 360 | 24.069 | 24.045 | 24.085 | HH  | 6898                    | 163637  | 3.77%     | 0.141% |
| 361 | 24.092 | 24.085 | 24.135 | HH  | 6886                    | 203759  | 4.70%     | 0.175% |
| 362 | 24.158 | 24.135 | 24.178 | HH  | 6843                    | 176536  | 4.07%     | 0.152% |
| 363 | 24.191 | 24.178 | 24.208 | HH  | 6856                    | 122292  | 2.82%     | 0.105% |
| 364 | 24.218 | 24.208 | 24.226 | HH  | 6807                    | 72167   | 1.66%     | 0.062% |
| 365 | 24.241 | 24.226 | 24.252 | HH  | 6978                    | 108739  | 2.51%     | 0.093% |
| 366 | 24.268 | 24.252 | 24.281 | HH  | 6951                    | 119553  | 2.76%     | 0.103% |
| 367 | 24.324 | 24.281 | 24.380 | HH  | 7063                    | 415248  | 9.58%     | 0.357% |
| 368 | 24.426 | 24.380 | 24.505 | HH  | 7276                    | 526493  | 12.14%    | 0.453% |
| 369 | 24.550 | 24.505 | 24.625 | HH  | 7392                    | 497691  | 11.48%    | 0.428% |
| 370 | 24.646 | 24.625 | 24.672 | HH  | 6550                    | 185426  | 4.28%     | 0.159% |
| 371 | 24.680 | 24.672 | 24.708 | HH  | 6488                    | 136888  | 3.16%     | 0.118% |
| 372 | 24.781 | 24.708 | 24.804 | HH  | 6440                    | 366365  | 8.45%     | 0.315% |
| 373 | 24.884 | 24.804 | 24.931 | HH  | 8057                    | 546989  | 12.62%    | 0.470% |
| 374 | 24.949 | 24.931 | 25.041 | HHA | 7043                    | 445023  | 10.26%    | 0.383% |
|     |        |        |        |     | Sum of corrected areas: |         | 116298638 |        |

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