

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG082019\  
 Data File : FG005658.D  
 Signal(s) : FID1A.ch  
 Acq On : 20 Aug 2019 15:40  
 Sample : K4096-04MSD 5X  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG080819.M  
 Title :

Signal : FID1A.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         | 4.449       | 4.415        | 4.481      | BH       | 39755          | 363177       | 0.30%          | 0.077%        |
| 2         | 4.497       | 4.481        | 4.512      | HH       | 853            | 7375         | 0.01%          | 0.002%        |
| 3         | 4.527       | 4.512        | 4.581      | HH       | 493            | 5323         | 0.00%          | 0.001%        |
| 4         | 4.604       | 4.581        | 4.637      | PH       | 484            | 4140         | 0.00%          | 0.001%        |
| 5         | 4.653       | 4.637        | 4.661      | PH       | 225            | 1252         | 0.00%          | 0.000%        |
| 6         | 4.680       | 4.661        | 4.721      | PH       | 3029           | 50857        | 0.04%          | 0.011%        |
| 7         | 4.735       | 4.721        | 4.752      | HH       | 844            | 9328         | 0.01%          | 0.002%        |
| 8         | 4.795       | 4.752        | 4.820      | HH       | 2762           | 57848        | 0.05%          | 0.012%        |
| 9         | 4.833       | 4.820        | 4.848      | HH       | 1904           | 23020        | 0.02%          | 0.005%        |
| 10        | 4.869       | 4.848        | 4.892      | HH       | 1287           | 25536        | 0.02%          | 0.005%        |
| 11        | 4.927       | 4.892        | 4.947      | HH       | 1925           | 39107        | 0.03%          | 0.008%        |
| 12        | 4.984       | 4.947        | 5.003      | HH       | 990            | 18832        | 0.02%          | 0.004%        |
| 13        | 5.018       | 5.003        | 5.033      | HH       | 407            | 5175         | 0.00%          | 0.001%        |
| 14        | 5.054       | 5.033        | 5.071      | HH       | 661            | 10592        | 0.01%          | 0.002%        |
| 15        | 5.098       | 5.071        | 5.125      | HH       | 1719           | 35379        | 0.03%          | 0.007%        |
| 16        | 5.150       | 5.125        | 5.161      | HH       | 1341           | 19465        | 0.02%          | 0.004%        |
| 17        | 5.175       | 5.161        | 5.183      | HH       | 2350           | 21594        | 0.02%          | 0.005%        |
| 18        | 5.201       | 5.183        | 5.215      | HH       | 8537           | 101767       | 0.09%          | 0.022%        |
| 19        | 5.229       | 5.215        | 5.276      | HH       | 7671           | 129156       | 0.11%          | 0.027%        |
| 20        | 5.314       | 5.276        | 5.343      | HH       | 3027           | 71658        | 0.06%          | 0.015%        |
| 21        | 5.366       | 5.343        | 5.375      | HH       | 2278           | 34307        | 0.03%          | 0.007%        |
| 22        | 5.384       | 5.375        | 5.404      | HH       | 2358           | 28688        | 0.02%          | 0.006%        |
| 23        | 5.415       | 5.404        | 5.424      | HH       | 875            | 10269        | 0.01%          | 0.002%        |
| 24        | 5.444       | 5.424        | 5.467      | HH       | 1861           | 27826        | 0.02%          | 0.006%        |
| 25        | 5.494       | 5.467        | 5.509      | HH       | 4350           | 57013        | 0.05%          | 0.012%        |
| 26        | 5.524       | 5.509        | 5.544      | HH       | 4809           | 65954        | 0.06%          | 0.014%        |
| 27        | 5.562       | 5.544        | 5.596      | HH       | 8486           | 110656       | 0.09%          | 0.023%        |
| 28        | 5.608       | 5.596        | 5.634      | HH       | 1259           | 25503        | 0.02%          | 0.005%        |
| 29        | 5.648       | 5.634        | 5.660      | HH       | 1288           | 17457        | 0.01%          | 0.004%        |
| 30        | 5.682       | 5.660        | 5.698      | HH       | 4612           | 59948        | 0.05%          | 0.013%        |
| 31        | 5.715       | 5.698        | 5.748      | HH       | 6032           | 101368       | 0.08%          | 0.021%        |
| 32        | 5.782       | 5.748        | 5.818      | HH       | 5296           | 130867       | 0.11%          | 0.028%        |
| 33        | 5.836       | 5.818        | 5.853      | HH       | 3717           | 51019        | 0.04%          | 0.011%        |
| 34        | 5.872       | 5.853        | 5.895      | HH       | 5202           | 84609        | 0.07%          | 0.018%        |
| 35        | 5.905       | 5.895        | 5.929      | HH       | 2908           | 47642        | 0.04%          | 0.010%        |
| 36        | 5.949       | 5.929        | 5.974      | HH       | 3757           | 63501        | 0.05%          | 0.013%        |

| rteres |       |       |       |    |        |         |       |        |
|--------|-------|-------|-------|----|--------|---------|-------|--------|
| 37     | 5.996 | 5.974 | 6.023 | HH | 3895   | 77326   | 0.06% | 0.016% |
| 38     | 6.049 | 6.023 | 6.067 | HH | 3479   | 70528   | 0.06% | 0.015% |
| 39     | 6.091 | 6.067 | 6.112 | HH | 3593   | 73224   | 0.06% | 0.016% |
| 40     | 6.136 | 6.112 | 6.162 | HH | 3137   | 62927   | 0.05% | 0.013% |
| 41     | 6.183 | 6.162 | 6.209 | HH | 4883   | 105448  | 0.09% | 0.022% |
| 42     | 6.228 | 6.209 | 6.251 | HH | 3891   | 80846   | 0.07% | 0.017% |
| 43     | 6.267 | 6.251 | 6.294 | HH | 4415   | 83340   | 0.07% | 0.018% |
| 44     | 6.319 | 6.294 | 6.338 | HH | 5092   | 96151   | 0.08% | 0.020% |
| 45     | 6.358 | 6.338 | 6.376 | HH | 3969   | 73505   | 0.06% | 0.016% |
| 46     | 6.419 | 6.376 | 6.447 | HH | 6700   | 174585  | 0.15% | 0.037% |
| 47     | 6.476 | 6.447 | 6.554 | HH | 49833  | 724665  | 0.61% | 0.153% |
| 48     | 6.568 | 6.554 | 6.580 | HH | 3930   | 55776   | 0.05% | 0.012% |
| 49     | 6.595 | 6.580 | 6.604 | HH | 4385   | 58362   | 0.05% | 0.012% |
| 50     | 6.625 | 6.604 | 6.646 | HH | 6850   | 122679  | 0.10% | 0.026% |
| 51     | 6.678 | 6.646 | 6.717 | HH | 5540   | 165644  | 0.14% | 0.035% |
| 52     | 6.761 | 6.717 | 6.781 | HH | 7013   | 165211  | 0.14% | 0.035% |
| 53     | 6.821 | 6.781 | 6.849 | HH | 5740   | 165603  | 0.14% | 0.035% |
| 54     | 6.885 | 6.849 | 6.910 | HH | 13801  | 232074  | 0.19% | 0.049% |
| 55     | 6.922 | 6.910 | 6.931 | HH | 3836   | 45691   | 0.04% | 0.010% |
| 56     | 6.953 | 6.931 | 6.968 | HH | 5652   | 100862  | 0.08% | 0.021% |
| 57     | 7.001 | 6.968 | 7.022 | HH | 6350   | 169864  | 0.14% | 0.036% |
| 58     | 7.044 | 7.022 | 7.066 | HH | 7920   | 148912  | 0.12% | 0.032% |
| 59     | 7.114 | 7.066 | 7.165 | HH | 13282  | 398676  | 0.33% | 0.084% |
| 60     | 7.184 | 7.165 | 7.226 | HH | 8805   | 220192  | 0.18% | 0.047% |
| 61     | 7.250 | 7.226 | 7.267 | HH | 6057   | 127789  | 0.11% | 0.027% |
| 62     | 7.298 | 7.267 | 7.349 | HH | 11463  | 365055  | 0.31% | 0.077% |
| 63     | 7.401 | 7.349 | 7.437 | HH | 19015  | 525101  | 0.44% | 0.111% |
| 64     | 7.454 | 7.437 | 7.474 | HH | 8559   | 166070  | 0.14% | 0.035% |
| 65     | 7.496 | 7.474 | 7.553 | HH | 10148  | 324722  | 0.27% | 0.069% |
| 66     | 7.583 | 7.553 | 7.622 | HH | 10643  | 305315  | 0.26% | 0.065% |
| 67     | 7.637 | 7.622 | 7.656 | HH | 6935   | 112859  | 0.09% | 0.024% |
| 68     | 7.683 | 7.656 | 7.692 | HH | 5212   | 98377   | 0.08% | 0.021% |
| 69     | 7.729 | 7.692 | 7.760 | HH | 8263   | 263978  | 0.22% | 0.056% |
| 70     | 7.776 | 7.760 | 7.812 | HH | 7022   | 197473  | 0.17% | 0.042% |
| 71     | 7.843 | 7.812 | 7.871 | HH | 8042   | 248052  | 0.21% | 0.053% |
| 72     | 7.884 | 7.871 | 7.903 | HH | 7822   | 132249  | 0.11% | 0.028% |
| 73     | 7.927 | 7.903 | 7.952 | HH | 8738   | 190985  | 0.16% | 0.040% |
| 74     | 7.974 | 7.952 | 7.995 | HH | 8918   | 181460  | 0.15% | 0.038% |
| 75     | 8.020 | 7.995 | 8.066 | HH | 11822  | 350518  | 0.29% | 0.074% |
| 76     | 8.098 | 8.066 | 8.119 | HH | 13078  | 261887  | 0.22% | 0.055% |
| 77     | 8.128 | 8.119 | 8.144 | HH | 6878   | 95913   | 0.08% | 0.020% |
| 78     | 8.156 | 8.144 | 8.173 | HH | 6620   | 111439  | 0.09% | 0.024% |
| 79     | 8.214 | 8.173 | 8.253 | HH | 100667 | 1403709 | 1.17% | 0.297% |
| 80     | 8.278 | 8.253 | 8.310 | HH | 68643  | 927514  | 0.78% | 0.196% |
| 81     | 8.344 | 8.310 | 8.368 | HH | 20261  | 437981  | 0.37% | 0.093% |
| 82     | 8.391 | 8.368 | 8.414 | HH | 10360  | 241204  | 0.20% | 0.051% |
| 83     | 8.448 | 8.414 | 8.461 | HH | 10428  | 227348  | 0.19% | 0.048% |
| 84     | 8.471 | 8.461 | 8.485 | HH | 9337   | 121927  | 0.10% | 0.026% |
| 85     | 8.506 | 8.485 | 8.543 | HH | 11614  | 308295  | 0.26% | 0.065% |
| 86     | 8.584 | 8.543 | 8.623 | HH | 14298  | 436947  | 0.37% | 0.093% |
| 87     | 8.655 | 8.623 | 8.669 | HH | 9610   | 241360  | 0.20% | 0.051% |
| 88     | 8.697 | 8.669 | 8.714 | HH | 11817  | 268717  | 0.22% | 0.057% |
| 89     | 8.744 | 8.714 | 8.758 | HH | 11243  | 268899  | 0.22% | 0.057% |

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 90  | 8.767  | 8.758  | 8.791  | HH | 10260  | 186280  | 0.16% | 0.039% |
| 91  | 8.815  | 8.791  | 8.842  | HH | 19461  | 366763  | 0.31% | 0.078% |
| 92  | 8.867  | 8.842  | 8.882  | HH | 9238   | 188661  | 0.16% | 0.040% |
| 93  | 8.894  | 8.882  | 8.912  | HH | 8044   | 143935  | 0.12% | 0.030% |
| 94  | 8.937  | 8.912  | 8.955  | HH | 11028  | 244247  | 0.20% | 0.052% |
| 95  | 8.969  | 8.955  | 8.990  | HH | 9917   | 186657  | 0.16% | 0.040% |
| 96  | 9.010  | 8.990  | 9.028  | HH | 8819   | 193335  | 0.16% | 0.041% |
| 97  | 9.064  | 9.028  | 9.081  | HH | 13580  | 337514  | 0.28% | 0.071% |
| 98  | 9.103  | 9.081  | 9.131  | HH | 36993  | 557832  | 0.47% | 0.118% |
| 99  | 9.155  | 9.131  | 9.176  | HH | 21396  | 359547  | 0.30% | 0.076% |
| 100 | 9.188  | 9.176  | 9.222  | HH | 9298   | 223463  | 0.19% | 0.047% |
| 101 | 9.260  | 9.222  | 9.281  | HH | 9106   | 280042  | 0.23% | 0.059% |
| 102 | 9.308  | 9.281  | 9.323  | HH | 8826   | 202058  | 0.17% | 0.043% |
| 103 | 9.340  | 9.323  | 9.369  | HH | 9409   | 227823  | 0.19% | 0.048% |
| 104 | 9.395  | 9.369  | 9.416  | HH | 10250  | 249693  | 0.21% | 0.053% |
| 105 | 9.434  | 9.416  | 9.457  | HH | 10232  | 219499  | 0.18% | 0.046% |
| 106 | 9.483  | 9.457  | 9.537  | HH | 17648  | 576841  | 0.48% | 0.122% |
| 107 | 9.563  | 9.537  | 9.589  | HH | 13812  | 341934  | 0.29% | 0.072% |
| 108 | 9.609  | 9.589  | 9.629  | HH | 11996  | 243793  | 0.20% | 0.052% |
| 109 | 9.663  | 9.629  | 9.694  | HH | 12033  | 382271  | 0.32% | 0.081% |
| 110 | 9.718  | 9.694  | 9.752  | HH | 9166   | 283927  | 0.24% | 0.060% |
| 111 | 9.768  | 9.752  | 9.784  | HH | 8909   | 160787  | 0.13% | 0.034% |
| 112 | 9.820  | 9.784  | 9.862  | HH | 36157  | 747632  | 0.63% | 0.158% |
| 113 | 9.884  | 9.862  | 9.938  | HH | 78240  | 1171722 | 0.98% | 0.248% |
| 114 | 9.969  | 9.938  | 9.978  | HH | 8611   | 201543  | 0.17% | 0.043% |
| 115 | 9.989  | 9.978  | 10.031 | HH | 8832   | 249000  | 0.21% | 0.053% |
| 116 | 10.064 | 10.031 | 10.076 | HH | 8804   | 211269  | 0.18% | 0.045% |
| 117 | 10.088 | 10.076 | 10.129 | HH | 8578   | 250640  | 0.21% | 0.053% |
| 118 | 10.161 | 10.129 | 10.198 | HH | 12012  | 367199  | 0.31% | 0.078% |
| 119 | 10.231 | 10.198 | 10.246 | HH | 11415  | 270964  | 0.23% | 0.057% |
| 120 | 10.276 | 10.246 | 10.306 | HH | 27498  | 579711  | 0.48% | 0.123% |
| 121 | 10.325 | 10.306 | 10.347 | HH | 12149  | 261549  | 0.22% | 0.055% |
| 122 | 10.363 | 10.347 | 10.391 | HH | 13191  | 283537  | 0.24% | 0.060% |
| 123 | 10.417 | 10.391 | 10.452 | HH | 13573  | 365657  | 0.31% | 0.077% |
| 124 | 10.474 | 10.452 | 10.486 | HH | 8910   | 172369  | 0.14% | 0.037% |
| 125 | 10.517 | 10.486 | 10.540 | HH | 25537  | 538331  | 0.45% | 0.114% |
| 126 | 10.557 | 10.540 | 10.592 | HH | 16164  | 396917  | 0.33% | 0.084% |
| 127 | 10.625 | 10.592 | 10.650 | HH | 43331  | 714366  | 0.60% | 0.151% |
| 128 | 10.676 | 10.650 | 10.726 | HH | 75750  | 1324418 | 1.11% | 0.280% |
| 129 | 10.738 | 10.726 | 10.782 | HH | 10380  | 320841  | 0.27% | 0.068% |
| 130 | 10.797 | 10.782 | 10.818 | HH | 8628   | 184707  | 0.15% | 0.039% |
| 131 | 10.840 | 10.818 | 10.863 | HH | 9596   | 241980  | 0.20% | 0.051% |
| 132 | 10.895 | 10.863 | 10.932 | HH | 31207  | 729117  | 0.61% | 0.154% |
| 133 | 10.970 | 10.932 | 10.989 | HH | 15500  | 424791  | 0.36% | 0.090% |
| 134 | 11.021 | 10.989 | 11.062 | HH | 14240  | 490145  | 0.41% | 0.104% |
| 135 | 11.080 | 11.062 | 11.104 | HH | 11547  | 252290  | 0.21% | 0.053% |
| 136 | 11.133 | 11.104 | 11.155 | HH | 12510  | 304372  | 0.25% | 0.064% |
| 137 | 11.184 | 11.155 | 11.224 | HH | 14319  | 471688  | 0.39% | 0.100% |
| 138 | 11.252 | 11.224 | 11.275 | HH | 11804  | 301711  | 0.25% | 0.064% |
| 139 | 11.330 | 11.275 | 11.358 | HH | 75638  | 1220544 | 1.02% | 0.258% |
| 140 | 11.382 | 11.358 | 11.399 | HH | 18957  | 341723  | 0.29% | 0.072% |
| 141 | 11.420 | 11.399 | 11.446 | HH | 21788  | 432766  | 0.36% | 0.092% |

| rteres |        |        |        |    |         |           |         |         |
|--------|--------|--------|--------|----|---------|-----------|---------|---------|
| 142    | 11.462 | 11.446 | 11.492 | HH | 13287   | 307001    | 0.26%   | 0.065%  |
| 143    | 11.511 | 11.492 | 11.557 | HH | 10972   | 383496    | 0.32%   | 0.081%  |
| 144    | 11.577 | 11.557 | 11.605 | HH | 10620   | 289677    | 0.24%   | 0.061%  |
| 145    | 11.624 | 11.605 | 11.668 | HH | 12269   | 411948    | 0.34%   | 0.087%  |
| 146    | 11.693 | 11.668 | 11.709 | HH | 12444   | 269910    | 0.23%   | 0.057%  |
| 147    | 11.730 | 11.709 | 11.752 | HH | 14716   | 318091    | 0.27%   | 0.067%  |
| 148    | 11.765 | 11.752 | 11.782 | HH | 11396   | 191490    | 0.16%   | 0.041%  |
| 149    | 11.815 | 11.782 | 11.835 | HH | 15565   | 393751    | 0.33%   | 0.083%  |
| 150    | 11.893 | 11.835 | 11.937 | HH | 116177  | 2048535   | 1.71%   | 0.434%  |
| 151    | 11.956 | 11.937 | 11.971 | HH | 13853   | 246778    | 0.21%   | 0.052%  |
| 152    | 12.005 | 11.971 | 12.027 | HH | 33419   | 679077    | 0.57%   | 0.144%  |
| 153    | 12.077 | 12.027 | 12.102 | HH | 2742409 | 40267131  | 33.68%  | 8.528%  |
| 154    | 12.118 | 12.102 | 12.156 | HH | 25882   | 527483    | 0.44%   | 0.112%  |
| 155    | 12.186 | 12.156 | 12.220 | HH | 13878   | 453761    | 0.38%   | 0.096%  |
| 156    | 12.285 | 12.220 | 12.329 | HH | 117695  | 2519176   | 2.11%   | 0.534%  |
| 157    | 12.342 | 12.329 | 12.362 | HH | 13651   | 251943    | 0.21%   | 0.053%  |
| 158    | 12.383 | 12.362 | 12.397 | HH | 13549   | 271849    | 0.23%   | 0.058%  |
| 159    | 12.415 | 12.397 | 12.449 | HH | 14735   | 404961    | 0.34%   | 0.086%  |
| 160    | 12.496 | 12.449 | 12.504 | HH | 20374   | 518850    | 0.43%   | 0.110%  |
| 161    | 12.526 | 12.504 | 12.552 | HH | 59132   | 889369    | 0.74%   | 0.188%  |
| 162    | 12.568 | 12.552 | 12.592 | HH | 13412   | 308093    | 0.26%   | 0.065%  |
| 163    | 12.645 | 12.592 | 12.671 | HH | 68782   | 1252854   | 1.05%   | 0.265%  |
| 164    | 12.698 | 12.671 | 12.714 | HH | 62805   | 905298    | 0.76%   | 0.192%  |
| 165    | 12.726 | 12.714 | 12.772 | HH | 41384   | 763752    | 0.64%   | 0.162%  |
| 166    | 12.792 | 12.772 | 12.808 | HH | 12485   | 255391    | 0.21%   | 0.054%  |
| 167    | 12.822 | 12.808 | 12.850 | HH | 12550   | 301794    | 0.25%   | 0.064%  |
| 168    | 12.913 | 12.850 | 12.925 | HH | 15933   | 620369    | 0.52%   | 0.131%  |
| 169    | 12.939 | 12.925 | 12.960 | HH | 16163   | 309091    | 0.26%   | 0.065%  |
| 170    | 12.968 | 12.960 | 12.994 | HH | 13589   | 259887    | 0.22%   | 0.055%  |
| 171    | 13.024 | 12.994 | 13.047 | HH | 36177   | 698515    | 0.58%   | 0.148%  |
| 172    | 13.121 | 13.047 | 13.142 | HH | 4385850 | 99722355  | 83.42%  | 21.119% |
| 173    | 13.191 | 13.142 | 13.234 | HH | 5743540 | 119547586 | 100.00% | 25.318% |
| 174    | 13.247 | 13.234 | 13.257 | HH | 38474   | 478754    | 0.40%   | 0.101%  |
| 175    | 13.269 | 13.257 | 13.286 | HH | 37828   | 560352    | 0.47%   | 0.119%  |
| 176    | 13.334 | 13.286 | 13.403 | HH | 1593259 | 23444976  | 19.61%  | 4.965%  |
| 177    | 13.414 | 13.403 | 13.460 | HH | 32769   | 865694    | 0.72%   | 0.183%  |
| 178    | 13.508 | 13.460 | 13.565 | HH | 38246   | 1684682   | 1.41%   | 0.357%  |
| 179    | 13.612 | 13.565 | 13.676 | HH | 86860   | 2474976   | 2.07%   | 0.524%  |
| 180    | 13.717 | 13.676 | 13.735 | HH | 45350   | 1177608   | 0.99%   | 0.249%  |
| 181    | 13.746 | 13.735 | 13.772 | HH | 38394   | 707946    | 0.59%   | 0.150%  |
| 182    | 13.813 | 13.772 | 13.825 | HH | 26208   | 811460    | 0.68%   | 0.172%  |
| 183    | 13.851 | 13.825 | 13.870 | HH | 75932   | 1465894   | 1.23%   | 0.310%  |
| 184    | 13.892 | 13.870 | 13.926 | HH | 82181   | 1862822   | 1.56%   | 0.395%  |
| 185    | 13.963 | 13.926 | 14.004 | HH | 81524   | 2505052   | 2.10%   | 0.531%  |
| 186    | 14.022 | 14.004 | 14.038 | HH | 36849   | 673766    | 0.56%   | 0.143%  |
| 187    | 14.081 | 14.038 | 14.097 | HH | 45730   | 1426972   | 1.19%   | 0.302%  |
| 188    | 14.134 | 14.097 | 14.146 | HH | 127378  | 2411184   | 2.02%   | 0.511%  |
| 189    | 14.154 | 14.146 | 14.203 | HH | 117204  | 2271385   | 1.90%   | 0.481%  |
| 190    | 14.238 | 14.203 | 14.277 | HH | 82059   | 2851156   | 2.38%   | 0.604%  |
| 191    | 14.334 | 14.277 | 14.383 | HH | 327888  | 7816778   | 6.54%   | 1.655%  |
| 192    | 14.412 | 14.383 | 14.442 | HH | 274568  | 4500996   | 3.77%   | 0.953%  |
| 193    | 14.475 | 14.442 | 14.511 | HH | 201855  | 4456084   | 3.73%   | 0.944%  |
| 194    | 14.536 | 14.511 | 14.564 | HH | 249573  | 3930554   | 3.29%   | 0.832%  |

|     |        |        |        |     |        |         |       |        |
|-----|--------|--------|--------|-----|--------|---------|-------|--------|
|     |        |        |        |     | rters  |         |       |        |
| 195 | 14.588 | 14.564 | 14.611 | HH  | 178138 | 2849358 | 2.38% | 0.603% |
| 196 | 14.632 | 14.611 | 14.702 | HH  | 151573 | 3477111 | 2.91% | 0.736% |
| 197 | 14.749 | 14.702 | 14.774 | HH  | 94760  | 2463030 | 2.06% | 0.522% |
| 198 | 14.795 | 14.774 | 14.825 | HH  | 68802  | 1661788 | 1.39% | 0.352% |
| 199 | 14.851 | 14.825 | 14.898 | HH  | 57874  | 2150812 | 1.80% | 0.455% |
| 200 | 14.953 | 14.898 | 14.987 | HH  | 300881 | 6300064 | 5.27% | 1.334% |
| 201 | 15.011 | 14.987 | 15.025 | HH  | 50369  | 1000183 | 0.84% | 0.212% |
| 202 | 15.043 | 15.025 | 15.056 | HH  | 56673  | 919604  | 0.77% | 0.195% |
| 203 | 15.069 | 15.056 | 15.105 | HH  | 57471  | 1535591 | 1.28% | 0.325% |
| 204 | 15.120 | 15.105 | 15.135 | HH  | 48728  | 818261  | 0.68% | 0.173% |
| 205 | 15.148 | 15.135 | 15.190 | HH  | 46957  | 1398871 | 1.17% | 0.296% |
| 206 | 15.269 | 15.190 | 15.306 | HH  | 54185  | 3012143 | 2.52% | 0.638% |
| 207 | 15.335 | 15.306 | 15.361 | HH  | 53723  | 1449682 | 1.21% | 0.307% |
| 208 | 15.384 | 15.361 | 15.408 | HH  | 44473  | 1190206 | 1.00% | 0.252% |
| 209 | 15.418 | 15.408 | 15.439 | HH  | 40603  | 759016  | 0.63% | 0.161% |
| 210 | 15.473 | 15.439 | 15.501 | HH  | 46375  | 1559904 | 1.30% | 0.330% |
| 211 | 15.533 | 15.501 | 15.571 | HH  | 147073 | 3021120 | 2.53% | 0.640% |
| 212 | 15.588 | 15.571 | 15.603 | HH  | 43421  | 828818  | 0.69% | 0.176% |
| 213 | 15.622 | 15.603 | 15.678 | HH  | 42854  | 1892703 | 1.58% | 0.401% |
| 214 | 15.706 | 15.678 | 15.725 | HH  | 46405  | 1219462 | 1.02% | 0.258% |
| 215 | 15.743 | 15.725 | 15.758 | HH  | 43507  | 863368  | 0.72% | 0.183% |
| 216 | 15.767 | 15.758 | 15.812 | HH  | 43406  | 1378398 | 1.15% | 0.292% |
| 217 | 15.917 | 15.812 | 15.927 | HH  | 45165  | 3034745 | 2.54% | 0.643% |
| 218 | 15.974 | 15.927 | 16.005 | HH  | 80067  | 2553808 | 2.14% | 0.541% |
| 219 | 16.035 | 16.005 | 16.093 | HH  | 56885  | 2539775 | 2.12% | 0.538% |
| 220 | 16.115 | 16.093 | 16.132 | HH  | 45598  | 1042467 | 0.87% | 0.221% |
| 221 | 16.178 | 16.132 | 16.209 | HH  | 47946  | 2158040 | 1.81% | 0.457% |
| 222 | 16.229 | 16.209 | 16.238 | HH  | 47235  | 820678  | 0.69% | 0.174% |
| 223 | 16.284 | 16.238 | 16.310 | HH  | 49676  | 2077802 | 1.74% | 0.440% |
| 224 | 16.352 | 16.310 | 16.368 | HH  | 52879  | 1780580 | 1.49% | 0.377% |
| 225 | 16.390 | 16.368 | 16.414 | HH  | 56399  | 1470264 | 1.23% | 0.311% |
| 226 | 16.474 | 16.414 | 16.495 | HH  | 68194  | 2791155 | 2.33% | 0.591% |
| 227 | 16.520 | 16.495 | 16.568 | HH  | 86081  | 2811603 | 2.35% | 0.595% |
| 228 | 16.608 | 16.568 | 16.645 | HH  | 57580  | 2563226 | 2.14% | 0.543% |
| 229 | 16.685 | 16.645 | 16.712 | HH  | 56839  | 2252482 | 1.88% | 0.477% |
| 230 | 16.764 | 16.712 | 16.779 | HH  | 59240  | 2299093 | 1.92% | 0.487% |
| 231 | 16.800 | 16.779 | 16.834 | HH  | 66824  | 2020351 | 1.69% | 0.428% |
| 232 | 16.859 | 16.834 | 16.885 | HH  | 67992  | 1907923 | 1.60% | 0.404% |
| 233 | 16.927 | 16.885 | 16.949 | HH  | 98482  | 2813658 | 2.35% | 0.596% |
| 234 | 16.975 | 16.949 | 17.023 | HH  | 70889  | 2937135 | 2.46% | 0.622% |
| 235 | 17.036 | 17.023 | 17.050 | HH  | 62131  | 989967  | 0.83% | 0.210% |
| 236 | 17.106 | 17.050 | 17.125 | HH  | 64965  | 2860619 | 2.39% | 0.606% |
| 237 | 17.187 | 17.125 | 17.208 | HH  | 68930  | 3299603 | 2.76% | 0.699% |
| 238 | 17.220 | 17.208 | 17.232 | HH  | 67322  | 959596  | 0.80% | 0.203% |
| 239 | 17.259 | 17.232 | 17.274 | HH  | 72087  | 1759936 | 1.47% | 0.373% |
| 240 | 17.293 | 17.274 | 17.302 | HHA | 70619  | 1216891 | 1.02% | 0.258% |

Sum of corrected areas: 472192089