

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG082019\  
 Data File : FG005656.D  
 Signal(s) : FID1A.ch  
 Acq On : 20 Aug 2019 14:39  
 Sample : K4096-04 5X  
 Misc :  
 ALS Vial : 8 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        | 4.478      | BH       | 356            | 665          | 0.00%          | 0.000%        |
| 2         | 4.495       | 4.478        | 4.510      | PH       | 238            | 1127         | 0.00%          | 0.001%        |
| 3         | 4.528       | 4.510        | 4.588      | PH       | 164            | -1169        | -0.00%         | -0.001%       |
| 4         | 4.604       | 4.588        | 4.635      | PH       | 116            | -1061        | -0.00%         | -0.001%       |
| 5         | 4.648       | 4.635        | 4.663      | PH       | -34            | -1521        | -0.00%         | -0.001%       |
| 6         | 4.686       | 4.663        | 4.721      | PH       | 879            | 14810        | 0.03%          | 0.008%        |
| 7         | 4.735       | 4.721        | 4.767      | HH       | 337            | 3845         | 0.01%          | 0.002%        |
| 8         | 4.803       | 4.767        | 4.818      | HH       | 802            | 13270        | 0.03%          | 0.007%        |
| 9         | 4.832       | 4.818        | 4.849      | HH       | 829            | 10945        | 0.02%          | 0.006%        |
| 10        | 4.867       | 4.849        | 4.893      | HH       | 539            | 10092        | 0.02%          | 0.005%        |
| 11        | 4.927       | 4.893        | 4.946      | HH       | 830            | 14040        | 0.03%          | 0.007%        |
| 12        | 4.982       | 4.946        | 5.034      | HH       | 398            | 6916         | 0.01%          | 0.004%        |
| 13        | 5.059       | 5.034        | 5.072      | PH       | 212            | 2155         | 0.00%          | 0.001%        |
| 14        | 5.097       | 5.072        | 5.134      | HH       | 689            | 13617        | 0.03%          | 0.007%        |
| 15        | 5.150       | 5.134        | 5.161      | HH       | 482            | 5172         | 0.01%          | 0.003%        |
| 16        | 5.175       | 5.161        | 5.184      | HH       | 927            | 8317         | 0.02%          | 0.004%        |
| 17        | 5.202       | 5.184        | 5.217      | HH       | 3232           | 40022        | 0.08%          | 0.021%        |
| 18        | 5.230       | 5.217        | 5.277      | HH       | 2920           | 53444        | 0.11%          | 0.028%        |
| 19        | 5.292       | 5.277        | 5.303      | HH       | 858            | 10600        | 0.02%          | 0.006%        |
| 20        | 5.315       | 5.303        | 5.341      | HH       | 1117           | 17809        | 0.04%          | 0.009%        |
| 21        | 5.365       | 5.341        | 5.375      | HH       | 1006           | 15213        | 0.03%          | 0.008%        |
| 22        | 5.384       | 5.375        | 5.403      | HH       | 1087           | 12077        | 0.02%          | 0.006%        |
| 23        | 5.412       | 5.403        | 5.423      | HH       | 390            | 3878         | 0.01%          | 0.002%        |
| 24        | 5.444       | 5.423        | 5.467      | HH       | 766            | 10303        | 0.02%          | 0.005%        |
| 25        | 5.493       | 5.467        | 5.508      | HH       | 1935           | 24947        | 0.05%          | 0.013%        |
| 26        | 5.523       | 5.508        | 5.545      | HH       | 2187           | 30380        | 0.06%          | 0.016%        |
| 27        | 5.563       | 5.545        | 5.598      | HH       | 3251           | 42238        | 0.08%          | 0.022%        |
| 28        | 5.610       | 5.598        | 5.636      | HH       | 554            | 9882         | 0.02%          | 0.005%        |
| 29        | 5.650       | 5.636        | 5.660      | HH       | 451            | 5169         | 0.01%          | 0.003%        |
| 30        | 5.682       | 5.660        | 5.700      | HH       | 2081           | 28448        | 0.06%          | 0.015%        |
| 31        | 5.718       | 5.700        | 5.748      | HH       | 1965           | 37476        | 0.07%          | 0.020%        |
| 32        | 5.782       | 5.748        | 5.818      | HH       | 2532           | 59997        | 0.12%          | 0.031%        |
| 33        | 5.837       | 5.818        | 5.853      | HH       | 1500           | 20568        | 0.04%          | 0.011%        |
| 34        | 5.872       | 5.853        | 5.928      | HH       | 2278           | 57020        | 0.11%          | 0.030%        |
| 35        | 5.948       | 5.928        | 5.974      | HH       | 1670           | 27474        | 0.05%          | 0.014%        |
| 36        | 5.996       | 5.974        | 6.025      | HH       | 1766           | 34524        | 0.07%          | 0.018%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 6.050 | 6.025 | 6.065 | HH | 1506   | 26631  | 0.05% | 0.014% |
| 38 | 6.088 | 6.065 | 6.113 | HH | 1737   | 36000  | 0.07% | 0.019% |
| 39 | 6.135 | 6.113 | 6.159 | HH | 1398   | 26797  | 0.05% | 0.014% |
| 40 | 6.188 | 6.159 | 6.208 | HH | 2330   | 49129  | 0.10% | 0.026% |
|    |       |       |       |    |        |        |       |        |
| 41 | 6.225 | 6.208 | 6.250 | HH | 1831   | 37502  | 0.07% | 0.020% |
| 42 | 6.267 | 6.250 | 6.293 | HH | 2056   | 37195  | 0.07% | 0.019% |
| 43 | 6.317 | 6.293 | 6.338 | HH | 2293   | 43883  | 0.09% | 0.023% |
| 44 | 6.358 | 6.338 | 6.374 | HH | 1671   | 28476  | 0.06% | 0.015% |
| 45 | 6.419 | 6.374 | 6.446 | HH | 3126   | 84182  | 0.17% | 0.044% |
|    |       |       |       |    |        |        |       |        |
| 46 | 6.476 | 6.446 | 6.514 | HH | 4347   | 98502  | 0.20% | 0.051% |
| 47 | 6.527 | 6.514 | 6.552 | HH | 1889   | 39770  | 0.08% | 0.021% |
| 48 | 6.567 | 6.552 | 6.579 | HH | 1859   | 28160  | 0.06% | 0.015% |
| 49 | 6.625 | 6.579 | 6.645 | HH | 3452   | 86260  | 0.17% | 0.045% |
| 50 | 6.677 | 6.645 | 6.716 | HH | 2602   | 79100  | 0.16% | 0.041% |
|    |       |       |       |    |        |        |       |        |
| 51 | 6.760 | 6.716 | 6.780 | HH | 3356   | 78189  | 0.16% | 0.041% |
| 52 | 6.820 | 6.780 | 6.849 | HH | 2533   | 78707  | 0.16% | 0.041% |
| 53 | 6.885 | 6.849 | 6.909 | HH | 6593   | 110054 | 0.22% | 0.057% |
| 54 | 6.922 | 6.909 | 6.931 | HH | 1877   | 22507  | 0.04% | 0.012% |
| 55 | 6.953 | 6.931 | 6.966 | HH | 2363   | 41077  | 0.08% | 0.021% |
|    |       |       |       |    |        |        |       |        |
| 56 | 6.999 | 6.966 | 7.021 | HH | 3207   | 83559  | 0.17% | 0.043% |
| 57 | 7.043 | 7.021 | 7.065 | HH | 3835   | 70521  | 0.14% | 0.037% |
| 58 | 7.082 | 7.065 | 7.094 | HH | 2680   | 41947  | 0.08% | 0.022% |
| 59 | 7.115 | 7.094 | 7.164 | HH | 5985   | 143816 | 0.29% | 0.075% |
| 60 | 7.183 | 7.164 | 7.225 | HH | 4393   | 106660 | 0.21% | 0.056% |
|    |       |       |       |    |        |        |       |        |
| 61 | 7.250 | 7.225 | 7.267 | HH | 2951   | 62730  | 0.12% | 0.033% |
| 62 | 7.309 | 7.267 | 7.351 | HH | 3882   | 154844 | 0.31% | 0.081% |
| 63 | 7.402 | 7.351 | 7.436 | HH | 9932   | 252939 | 0.50% | 0.132% |
| 64 | 7.452 | 7.436 | 7.474 | HH | 4004   | 77308  | 0.15% | 0.040% |
| 65 | 7.501 | 7.474 | 7.550 | HH | 3751   | 139463 | 0.28% | 0.073% |
|    |       |       |       |    |        |        |       |        |
| 66 | 7.582 | 7.550 | 7.622 | HH | 5420   | 156233 | 0.31% | 0.081% |
| 67 | 7.637 | 7.622 | 7.655 | HH | 3416   | 53013  | 0.11% | 0.028% |
| 68 | 7.682 | 7.655 | 7.691 | HH | 2597   | 49185  | 0.10% | 0.026% |
| 69 | 7.726 | 7.691 | 7.759 | HH | 3986   | 126926 | 0.25% | 0.066% |
| 70 | 7.793 | 7.759 | 7.818 | HH | 3270   | 102951 | 0.20% | 0.054% |
|    |       |       |       |    |        |        |       |        |
| 71 | 7.844 | 7.818 | 7.869 | HH | 3984   | 108780 | 0.22% | 0.057% |
| 72 | 7.883 | 7.869 | 7.901 | HH | 3933   | 65847  | 0.13% | 0.034% |
| 73 | 7.926 | 7.901 | 7.946 | HH | 4376   | 87674  | 0.17% | 0.046% |
| 74 | 7.973 | 7.946 | 7.993 | HH | 4621   | 93455  | 0.19% | 0.049% |
| 75 | 8.019 | 7.993 | 8.071 | HH | 5780   | 186348 | 0.37% | 0.097% |
|    |       |       |       |    |        |        |       |        |
| 76 | 8.097 | 8.071 | 8.118 | HH | 6670   | 118473 | 0.24% | 0.062% |
| 77 | 8.129 | 8.118 | 8.141 | HH | 3444   | 45359  | 0.09% | 0.024% |
| 78 | 8.152 | 8.141 | 8.170 | HH | 3170   | 53356  | 0.11% | 0.028% |
| 79 | 8.214 | 8.170 | 8.253 | HH | 41436  | 650018 | 1.29% | 0.338% |
| 80 | 8.276 | 8.253 | 8.310 | HH | 15532  | 288238 | 0.57% | 0.150% |
|    |       |       |       |    |        |        |       |        |
| 81 | 8.344 | 8.310 | 8.376 | HH | 9619   | 236626 | 0.47% | 0.123% |
| 82 | 8.389 | 8.376 | 8.412 | HH | 5085   | 95524  | 0.19% | 0.050% |
| 83 | 8.446 | 8.412 | 8.459 | HH | 5145   | 116132 | 0.23% | 0.060% |
| 84 | 8.470 | 8.459 | 8.484 | HH | 4774   | 62167  | 0.12% | 0.032% |
| 85 | 8.504 | 8.484 | 8.541 | HH | 5905   | 151805 | 0.30% | 0.079% |
|    |       |       |       |    |        |        |       |        |
| 86 | 8.605 | 8.541 | 8.621 | HH | 4261   | 184824 | 0.37% | 0.096% |
| 87 | 8.654 | 8.621 | 8.668 | HH | 4947   | 125419 | 0.25% | 0.065% |
| 88 | 8.696 | 8.668 | 8.712 | HH | 6422   | 144757 | 0.29% | 0.075% |
| 89 | 8.726 | 8.712 | 8.755 | HH | 5475   | 133590 | 0.27% | 0.070% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 8.768  | 8.755  | 8.791  | HH | 5503   | 105932 | 0.21% | 0.055% |
| 91  | 8.814  | 8.791  | 8.845  | HH | 10704  | 200957 | 0.40% | 0.105% |
| 92  | 8.866  | 8.845  | 8.912  | HH | 4996   | 171092 | 0.34% | 0.089% |
| 93  | 8.937  | 8.912  | 8.954  | HH | 5394   | 118928 | 0.24% | 0.062% |
| 94  | 8.968  | 8.954  | 8.991  | HH | 5248   | 107397 | 0.21% | 0.056% |
| 95  | 9.005  | 8.991  | 9.023  | HH | 4789   | 88147  | 0.18% | 0.046% |
| 96  | 9.065  | 9.023  | 9.080  | HH | 6275   | 183382 | 0.36% | 0.095% |
| 97  | 9.101  | 9.080  | 9.131  | HH | 21729  | 324699 | 0.65% | 0.169% |
| 98  | 9.154  | 9.131  | 9.173  | HH | 9363   | 167988 | 0.33% | 0.087% |
| 99  | 9.186  | 9.173  | 9.218  | HH | 5177   | 120984 | 0.24% | 0.063% |
| 100 | 9.258  | 9.218  | 9.279  | HH | 4723   | 152595 | 0.30% | 0.079% |
| 101 | 9.308  | 9.279  | 9.322  | HH | 4821   | 108788 | 0.22% | 0.057% |
| 102 | 9.339  | 9.322  | 9.370  | HH | 5219   | 128553 | 0.26% | 0.067% |
| 103 | 9.394  | 9.370  | 9.415  | HH | 5285   | 126826 | 0.25% | 0.066% |
| 104 | 9.435  | 9.415  | 9.455  | HH | 5152   | 110231 | 0.22% | 0.057% |
| 105 | 9.481  | 9.455  | 9.511  | HH | 8744   | 227211 | 0.45% | 0.118% |
| 106 | 9.520  | 9.511  | 9.535  | HH | 5915   | 79440  | 0.16% | 0.041% |
| 107 | 9.562  | 9.535  | 9.587  | HH | 7685   | 190207 | 0.38% | 0.099% |
| 108 | 9.608  | 9.587  | 9.627  | HH | 6847   | 139478 | 0.28% | 0.073% |
| 109 | 9.638  | 9.627  | 9.647  | HH | 5603   | 63761  | 0.13% | 0.033% |
| 110 | 9.662  | 9.647  | 9.693  | HH | 6998   | 152030 | 0.30% | 0.079% |
| 111 | 9.716  | 9.693  | 9.751  | HH | 4982   | 156601 | 0.31% | 0.082% |
| 112 | 9.769  | 9.751  | 9.781  | HH | 4797   | 82207  | 0.16% | 0.043% |
| 113 | 9.819  | 9.781  | 9.860  | HH | 18209  | 407417 | 0.81% | 0.212% |
| 114 | 9.882  | 9.860  | 9.932  | HH | 26655  | 455482 | 0.91% | 0.237% |
| 115 | 9.965  | 9.932  | 9.979  | HH | 5047   | 138119 | 0.27% | 0.072% |
| 116 | 9.987  | 9.979  | 10.028 | HH | 5058   | 131934 | 0.26% | 0.069% |
| 117 | 10.060 | 10.028 | 10.137 | HH | 5029   | 289025 | 0.58% | 0.150% |
| 118 | 10.162 | 10.137 | 10.185 | HH | 6074   | 146082 | 0.29% | 0.076% |
| 119 | 10.229 | 10.185 | 10.243 | HH | 6761   | 190477 | 0.38% | 0.099% |
| 120 | 10.274 | 10.243 | 10.305 | HH | 14982  | 334307 | 0.67% | 0.174% |
| 121 | 10.324 | 10.305 | 10.343 | HH | 7249   | 149669 | 0.30% | 0.078% |
| 122 | 10.362 | 10.343 | 10.391 | HH | 8064   | 180101 | 0.36% | 0.094% |
| 123 | 10.416 | 10.391 | 10.450 | HH | 8194   | 210824 | 0.42% | 0.110% |
| 124 | 10.471 | 10.450 | 10.485 | HH | 5043   | 101450 | 0.20% | 0.053% |
| 125 | 10.517 | 10.485 | 10.540 | HH | 12166  | 275897 | 0.55% | 0.144% |
| 126 | 10.556 | 10.540 | 10.591 | HH | 8879   | 219887 | 0.44% | 0.114% |
| 127 | 10.624 | 10.591 | 10.649 | HH | 29257  | 459524 | 0.91% | 0.239% |
| 128 | 10.675 | 10.649 | 10.780 | HH | 31950  | 858551 | 1.71% | 0.447% |
| 129 | 10.793 | 10.780 | 10.800 | HH | 5014   | 58943  | 0.12% | 0.031% |
| 130 | 10.839 | 10.800 | 10.859 | HH | 5544   | 182567 | 0.36% | 0.095% |
| 131 | 10.892 | 10.859 | 10.930 | HH | 21323  | 454089 | 0.90% | 0.236% |
| 132 | 10.969 | 10.930 | 10.989 | HH | 9705   | 273045 | 0.54% | 0.142% |
| 133 | 11.020 | 10.989 | 11.060 | HH | 8824   | 302333 | 0.60% | 0.157% |
| 134 | 11.078 | 11.060 | 11.110 | HH | 7357   | 180270 | 0.36% | 0.094% |
| 135 | 11.131 | 11.110 | 11.154 | HH | 7470   | 159701 | 0.32% | 0.083% |
| 136 | 11.188 | 11.154 | 11.225 | HH | 7819   | 273048 | 0.54% | 0.142% |
| 137 | 11.252 | 11.225 | 11.275 | HH | 6441   | 175355 | 0.35% | 0.091% |
| 138 | 11.328 | 11.275 | 11.355 | HH | 26274  | 506832 | 1.01% | 0.264% |
| 139 | 11.380 | 11.355 | 11.397 | HH | 9727   | 191035 | 0.38% | 0.099% |
| 140 | 11.420 | 11.397 | 11.450 | HH | 13328  | 277146 | 0.55% | 0.144% |
| 141 | 11.470 | 11.450 | 11.496 | HH | 6394   | 166385 | 0.33% | 0.087% |

|     |        |        |        |    | rteres  |          |         |         |
|-----|--------|--------|--------|----|---------|----------|---------|---------|
| 142 | 11.520 | 11.496 | 11.558 | HH | 6224    | 211205   | 0.42%   | 0.110%  |
| 143 | 11.576 | 11.558 | 11.601 | HH | 6147    | 152103   | 0.30%   | 0.079%  |
| 144 | 11.624 | 11.601 | 11.668 | HH | 7483    | 254360   | 0.51%   | 0.132%  |
| 145 | 11.692 | 11.668 | 11.708 | HH | 7142    | 157306   | 0.31%   | 0.082%  |
|     |        |        |        |    |         |          |         |         |
| 146 | 11.729 | 11.708 | 11.750 | HH | 8921    | 188891   | 0.38%   | 0.098%  |
| 147 | 11.764 | 11.750 | 11.783 | HH | 6987    | 124341   | 0.25%   | 0.065%  |
| 148 | 11.813 | 11.783 | 11.835 | HH | 9454    | 226349   | 0.45%   | 0.118%  |
| 149 | 11.891 | 11.835 | 11.937 | HH | 49259   | 958935   | 1.91%   | 0.499%  |
| 150 | 11.954 | 11.937 | 11.966 | HH | 7388    | 121368   | 0.24%   | 0.063%  |
|     |        |        |        |    |         |          |         |         |
| 151 | 12.001 | 11.966 | 12.023 | HH | 23127   | 435937   | 0.87%   | 0.227%  |
| 152 | 12.064 | 12.023 | 12.093 | HH | 1408452 | 16953963 | 33.74%  | 8.825%  |
| 153 | 12.109 | 12.093 | 12.155 | HH | 11853   | 297874   | 0.59%   | 0.155%  |
| 154 | 12.181 | 12.155 | 12.219 | HH | 6936    | 245358   | 0.49%   | 0.128%  |
| 155 | 12.261 | 12.219 | 12.295 | HH | 38203   | 672597   | 1.34%   | 0.350%  |
|     |        |        |        |    |         |          |         |         |
| 156 | 12.308 | 12.295 | 12.325 | HH | 7357    | 126356   | 0.25%   | 0.066%  |
| 157 | 12.339 | 12.325 | 12.357 | HH | 6776    | 123123   | 0.25%   | 0.064%  |
| 158 | 12.381 | 12.357 | 12.394 | HH | 7005    | 144403   | 0.29%   | 0.075%  |
| 159 | 12.411 | 12.394 | 12.446 | HH | 7971    | 213219   | 0.42%   | 0.111%  |
| 160 | 12.468 | 12.446 | 12.479 | HH | 8059    | 136858   | 0.27%   | 0.071%  |
|     |        |        |        |    |         |          |         |         |
| 161 | 12.523 | 12.479 | 12.549 | HH | 25011   | 519057   | 1.03%   | 0.270%  |
| 162 | 12.565 | 12.549 | 12.587 | HH | 7120    | 152185   | 0.30%   | 0.079%  |
| 163 | 12.601 | 12.587 | 12.615 | HH | 6539    | 104096   | 0.21%   | 0.054%  |
| 164 | 12.642 | 12.615 | 12.668 | HH | 21762   | 378839   | 0.75%   | 0.197%  |
| 165 | 12.696 | 12.668 | 12.708 | HH | 27409   | 387967   | 0.77%   | 0.202%  |
|     |        |        |        |    |         |          |         |         |
| 166 | 12.721 | 12.708 | 12.770 | HH | 27814   | 490802   | 0.98%   | 0.255%  |
| 167 | 12.790 | 12.770 | 12.807 | HH | 6295    | 137055   | 0.27%   | 0.071%  |
| 168 | 12.822 | 12.807 | 12.847 | HH | 6161    | 138480   | 0.28%   | 0.072%  |
| 169 | 12.907 | 12.847 | 12.923 | HH | 7662    | 310374   | 0.62%   | 0.162%  |
| 170 | 12.936 | 12.923 | 12.990 | HH | 7836    | 270835   | 0.54%   | 0.141%  |
|     |        |        |        |    |         |          |         |         |
| 171 | 13.020 | 12.990 | 13.044 | HH | 22236   | 404809   | 0.81%   | 0.211%  |
| 172 | 13.098 | 13.044 | 13.124 | HH | 2485647 | 41252908 | 82.11%  | 21.473% |
| 173 | 13.163 | 13.124 | 13.219 | HH | 3200100 | 50243499 | 100.00% | 26.152% |
| 174 | 13.234 | 13.219 | 13.245 | HH | 16139   | 211237   | 0.42%   | 0.110%  |
| 175 | 13.260 | 13.245 | 13.280 | HH | 20291   | 333949   | 0.66%   | 0.174%  |
|     |        |        |        |    |         |          |         |         |
| 176 | 13.318 | 13.280 | 13.393 | HH | 698278  | 9107683  | 18.13%  | 4.741%  |
| 177 | 13.405 | 13.393 | 13.451 | HH | 11872   | 327735   | 0.65%   | 0.171%  |
| 178 | 13.493 | 13.451 | 13.555 | HH | 12756   | 621331   | 1.24%   | 0.323%  |
| 179 | 13.608 | 13.555 | 13.670 | HH | 29686   | 928491   | 1.85%   | 0.483%  |
| 180 | 13.716 | 13.670 | 13.729 | HH | 15472   | 429381   | 0.85%   | 0.223%  |
|     |        |        |        |    |         |          |         |         |
| 181 | 13.740 | 13.729 | 13.765 | HH | 14966   | 282575   | 0.56%   | 0.147%  |
| 182 | 13.801 | 13.765 | 13.821 | HH | 10869   | 335393   | 0.67%   | 0.175%  |
| 183 | 13.854 | 13.821 | 13.866 | HH | 25611   | 499331   | 0.99%   | 0.260%  |
| 184 | 13.887 | 13.866 | 13.921 | HH | 38275   | 843381   | 1.68%   | 0.439%  |
| 185 | 13.954 | 13.921 | 14.000 | HH | 37081   | 1117440  | 2.22%   | 0.582%  |
|     |        |        |        |    |         |          |         |         |
| 186 | 14.017 | 14.000 | 14.033 | HH | 14431   | 256490   | 0.51%   | 0.134%  |
| 187 | 14.078 | 14.033 | 14.092 | HH | 18174   | 572056   | 1.14%   | 0.298%  |
| 188 | 14.130 | 14.092 | 14.141 | HH | 58012   | 1042391  | 2.07%   | 0.543%  |
| 189 | 14.149 | 14.141 | 14.199 | HH | 52526   | 994567   | 1.98%   | 0.518%  |
| 190 | 14.239 | 14.199 | 14.271 | HH | 29845   | 1064333  | 2.12%   | 0.554%  |
|     |        |        |        |    |         |          |         |         |
| 191 | 14.325 | 14.271 | 14.377 | HH | 107176  | 2862090  | 5.70%   | 1.490%  |
| 192 | 14.404 | 14.377 | 14.439 | HH | 97607   | 1662004  | 3.31%   | 0.865%  |
| 193 | 14.468 | 14.439 | 14.503 | HH | 83145   | 1685328  | 3.35%   | 0.877%  |
| 194 | 14.529 | 14.503 | 14.557 | HH | 105000  | 1636326  | 3.26%   | 0.852%  |

| rteres |        |        |        |     |        |         |       |        |
|--------|--------|--------|--------|-----|--------|---------|-------|--------|
| 195    | 14.581 | 14.557 | 14.605 | HH  | 72833  | 1187524 | 2.36% | 0.618% |
| 196    | 14.626 | 14.605 | 14.698 | HH  | 43238  | 1195666 | 2.38% | 0.622% |
| 197    | 14.745 | 14.698 | 14.769 | HH  | 40240  | 967945  | 1.93% | 0.504% |
| 198    | 14.789 | 14.769 | 14.822 | HH  | 24352  | 605339  | 1.20% | 0.315% |
| 199    | 14.845 | 14.822 | 14.887 | HH  | 20567  | 690597  | 1.37% | 0.359% |
| 200    | 14.945 | 14.887 | 14.983 | HH  | 110255 | 2503941 | 4.98% | 1.303% |
| 201    | 15.005 | 14.983 | 15.021 | HH  | 19015  | 373061  | 0.74% | 0.194% |
| 202    | 15.039 | 15.021 | 15.051 | HH  | 21446  | 343062  | 0.68% | 0.179% |
| 203    | 15.064 | 15.051 | 15.103 | HH  | 21738  | 608894  | 1.21% | 0.317% |
| 204    | 15.116 | 15.103 | 15.132 | HH  | 18121  | 294638  | 0.59% | 0.153% |
| 205    | 15.146 | 15.132 | 15.189 | HH  | 17087  | 539201  | 1.07% | 0.281% |
| 206    | 15.225 | 15.189 | 15.238 | HH  | 15703  | 442009  | 0.88% | 0.230% |
| 207    | 15.264 | 15.238 | 15.306 | HH  | 20255  | 691880  | 1.38% | 0.360% |
| 208    | 15.333 | 15.306 | 15.360 | HH  | 20030  | 541989  | 1.08% | 0.282% |
| 209    | 15.380 | 15.360 | 15.406 | HH  | 16375  | 428654  | 0.85% | 0.223% |
| 210    | 15.414 | 15.406 | 15.436 | HH  | 14876  | 267064  | 0.53% | 0.139% |
| 211    | 15.469 | 15.436 | 15.497 | HH  | 18234  | 582008  | 1.16% | 0.303% |
| 212    | 15.529 | 15.497 | 15.565 | HH  | 57519  | 1152376 | 2.29% | 0.600% |
| 213    | 15.584 | 15.565 | 15.598 | HH  | 16697  | 323637  | 0.64% | 0.168% |
| 214    | 15.617 | 15.598 | 15.636 | HH  | 16279  | 363926  | 0.72% | 0.189% |
| 215    | 15.646 | 15.636 | 15.671 | HH  | 15858  | 331350  | 0.66% | 0.172% |
| 216    | 15.705 | 15.671 | 15.735 | HH  | 17266  | 627607  | 1.25% | 0.327% |
| 217    | 15.742 | 15.735 | 15.806 | HH  | 16912  | 715014  | 1.42% | 0.372% |
| 218    | 15.820 | 15.806 | 15.830 | HH  | 16484  | 231014  | 0.46% | 0.120% |
| 219    | 15.971 | 15.830 | 15.995 | HH  | 21234  | 1750562 | 3.48% | 0.911% |
| 220    | 16.031 | 15.995 | 16.068 | HH  | 22323  | 841860  | 1.68% | 0.438% |
| 221    | 16.115 | 16.068 | 16.124 | HH  | 18040  | 596588  | 1.19% | 0.311% |
| 222    | 16.176 | 16.124 | 16.203 | HH  | 19357  | 878162  | 1.75% | 0.457% |
| 223    | 16.224 | 16.203 | 16.237 | HH  | 19213  | 392668  | 0.78% | 0.204% |
| 224    | 16.275 | 16.237 | 16.299 | HH  | 20373  | 731385  | 1.46% | 0.381% |
| 225    | 16.350 | 16.299 | 16.364 | HH  | 21758  | 806422  | 1.61% | 0.420% |
| 226    | 16.386 | 16.364 | 16.411 | HH  | 23726  | 627654  | 1.25% | 0.327% |
| 227    | 16.470 | 16.411 | 16.491 | HH  | 31736  | 1211259 | 2.41% | 0.630% |
| 228    | 16.517 | 16.491 | 16.550 | HH  | 36113  | 993380  | 1.98% | 0.517% |
| 229    | 16.604 | 16.550 | 16.634 | HH  | 24975  | 1193875 | 2.38% | 0.621% |
| 230    | 16.679 | 16.634 | 16.704 | HH  | 24481  | 1004804 | 2.00% | 0.523% |
| 231    | 16.759 | 16.704 | 16.771 | HH  | 26128  | 1004310 | 2.00% | 0.523% |
| 232    | 16.797 | 16.771 | 16.830 | HH  | 30928  | 972355  | 1.94% | 0.506% |
| 233    | 16.855 | 16.830 | 16.885 | HH  | 31778  | 925962  | 1.84% | 0.482% |
| 234    | 16.922 | 16.885 | 16.941 | HH  | 31125  | 958780  | 1.91% | 0.499% |
| 235    | 16.962 | 16.941 | 16.971 | HHA | 30818  | 568976  | 1.13% | 0.296% |

Sum of corrected areas: 192118594

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