

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG091522\  
 Data File : FG010572.D  
 Signal(s) : FID1A.ch  
 Acq On : 15 Sep 2022 12:44  
 Sample : N4569-02 5X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG082622.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         | 4.486       | 4.470        | 4.504      | HH       | 1164           | 19498        | 0.70%          | 0.025%        |
| 2         | 4.520       | 4.504        | 4.527      | HH       | 1328           | 16448        | 0.59%          | 0.021%        |
| 3         | 4.537       | 4.527        | 4.577      | HH       | 1342           | 29974        | 1.08%          | 0.038%        |
| 4         | 4.599       | 4.577        | 4.633      | HH       | 2067           | 43451        | 1.56%          | 0.055%        |
| 5         | 4.673       | 4.633        | 4.690      | HH       | 1369           | 39089        | 1.40%          | 0.049%        |
| 6         | 4.715       | 4.690        | 4.722      | HH       | 1400           | 23823        | 0.85%          | 0.030%        |
| 7         | 4.743       | 4.722        | 4.762      | HH       | 1492           | 31759        | 1.14%          | 0.040%        |
| 8         | 4.777       | 4.762        | 4.792      | HH       | 1438           | 22019        | 0.79%          | 0.028%        |
| 9         | 4.815       | 4.792        | 4.861      | HH       | 2559           | 53857        | 1.93%          | 0.068%        |
| 10        | 4.892       | 4.861        | 4.913      | HH       | 1187           | 27165        | 0.97%          | 0.034%        |
| 11        | 4.929       | 4.913        | 4.948      | HH       | 1024           | 17447        | 0.63%          | 0.022%        |
| 12        | 4.993       | 4.948        | 5.011      | HH       | 1870           | 44909        | 1.61%          | 0.057%        |
| 13        | 5.029       | 5.011        | 5.047      | HH       | 1565           | 26759        | 0.96%          | 0.034%        |
| 14        | 5.070       | 5.047        | 5.083      | HH       | 1913           | 30443        | 1.09%          | 0.038%        |
| 15        | 5.095       | 5.083        | 5.103      | HH       | 2138           | 24123        | 0.87%          | 0.030%        |
| 16        | 5.110       | 5.103        | 5.126      | HH       | 2130           | 24740        | 0.89%          | 0.031%        |
| 17        | 5.139       | 5.126        | 5.167      | HH       | 1700           | 31035        | 1.11%          | 0.039%        |
| 18        | 5.201       | 5.167        | 5.214      | HH       | 1129           | 24876        | 0.89%          | 0.031%        |
| 19        | 5.232       | 5.214        | 5.243      | HH       | 1264           | 19174        | 0.69%          | 0.024%        |
| 20        | 5.261       | 5.243        | 5.285      | HH       | 1488           | 32253        | 1.16%          | 0.041%        |
| 21        | 5.305       | 5.285        | 5.317      | HH       | 1586           | 27105        | 0.97%          | 0.034%        |
| 22        | 5.332       | 5.317        | 5.344      | HH       | 1542           | 21321        | 0.76%          | 0.027%        |
| 23        | 5.352       | 5.344        | 5.372      | HH       | 1265           | 18784        | 0.67%          | 0.024%        |
| 24        | 5.388       | 5.372        | 5.402      | HH       | 1383           | 21689        | 0.78%          | 0.027%        |
| 25        | 5.417       | 5.402        | 5.432      | HH       | 1199           | 17825        | 0.64%          | 0.023%        |
| 26        | 5.460       | 5.432        | 5.503      | HH       | 7027           | 113846       | 4.08%          | 0.144%        |
| 27        | 5.508       | 5.503        | 5.523      | HH       | 1088           | 12181        | 0.44%          | 0.015%        |
| 28        | 5.534       | 5.523        | 5.547      | HH       | 1092           | 14403        | 0.52%          | 0.018%        |
| 29        | 5.565       | 5.547        | 5.578      | HH       | 1123           | 20360        | 0.73%          | 0.026%        |
| 30        | 5.586       | 5.578        | 5.601      | HH       | 1106           | 14058        | 0.50%          | 0.018%        |
| 31        | 5.629       | 5.601        | 5.649      | HH       | 3820           | 61179        | 2.19%          | 0.077%        |
| 32        | 5.662       | 5.649        | 5.671      | HH       | 1501           | 18790        | 0.67%          | 0.024%        |
| 33        | 5.676       | 5.671        | 5.701      | HH       | 1352           | 22917        | 0.82%          | 0.029%        |
| 34        | 5.717       | 5.701        | 5.729      | HH       | 1517           | 23141        | 0.83%          | 0.029%        |
| 35        | 5.743       | 5.729        | 5.752      | HH       | 1990           | 24805        | 0.89%          | 0.031%        |
| 36        | 5.767       | 5.752        | 5.784      | HH       | 2205           | 35579        | 1.28%          | 0.045%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.797 | 5.784 | 5.810 | HH | 1597   | 22112  | 0.79% | 0.028% |
| 38 | 5.837 | 5.810 | 5.861 | HH | 2005   | 48027  | 1.72% | 0.061% |
| 39 | 5.867 | 5.861 | 5.875 | HH | 1370   | 11216  | 0.40% | 0.014% |
| 40 | 5.889 | 5.875 | 5.915 | HH | 1384   | 28087  | 1.01% | 0.036% |
|    |       |       |       |    |        |        |       |        |
| 41 | 5.938 | 5.915 | 5.949 | HH | 1820   | 28870  | 1.04% | 0.037% |
| 42 | 5.955 | 5.949 | 5.968 | HH | 1611   | 17656  | 0.63% | 0.022% |
| 43 | 5.989 | 5.968 | 5.998 | HH | 1726   | 28906  | 1.04% | 0.037% |
| 44 | 6.018 | 5.998 | 6.052 | HH | 11082  | 150911 | 5.41% | 0.191% |
| 45 | 6.068 | 6.052 | 6.089 | HH | 2337   | 47457  | 1.70% | 0.060% |
|    |       |       |       |    |        |        |       |        |
| 46 | 6.116 | 6.089 | 6.133 | HH | 2766   | 61428  | 2.20% | 0.078% |
| 47 | 6.138 | 6.133 | 6.154 | HH | 2224   | 25964  | 0.93% | 0.033% |
| 48 | 6.171 | 6.154 | 6.187 | HH | 2325   | 40808  | 1.46% | 0.052% |
| 49 | 6.208 | 6.187 | 6.237 | HH | 3307   | 72974  | 2.62% | 0.092% |
| 50 | 6.256 | 6.237 | 6.268 | HH | 2157   | 34512  | 1.24% | 0.044% |
|    |       |       |       |    |        |        |       |        |
| 51 | 6.278 | 6.268 | 6.288 | HH | 2009   | 23154  | 0.83% | 0.029% |
| 52 | 6.301 | 6.288 | 6.325 | HH | 2294   | 44293  | 1.59% | 0.056% |
| 53 | 6.333 | 6.325 | 6.347 | HH | 1829   | 22076  | 0.79% | 0.028% |
| 54 | 6.373 | 6.347 | 6.378 | HH | 2188   | 36499  | 1.31% | 0.046% |
| 55 | 6.407 | 6.378 | 6.426 | HH | 2885   | 67537  | 2.42% | 0.085% |
|    |       |       |       |    |        |        |       |        |
| 56 | 6.442 | 6.426 | 6.471 | HH | 2091   | 51048  | 1.83% | 0.065% |
| 57 | 6.495 | 6.471 | 6.542 | HH | 6129   | 120343 | 4.32% | 0.152% |
| 58 | 6.581 | 6.542 | 6.595 | HH | 1909   | 53310  | 1.91% | 0.067% |
| 59 | 6.607 | 6.595 | 6.623 | HH | 2313   | 34205  | 1.23% | 0.043% |
| 60 | 6.650 | 6.623 | 6.664 | HH | 3872   | 65375  | 2.34% | 0.083% |
|    |       |       |       |    |        |        |       |        |
| 61 | 6.672 | 6.664 | 6.708 | HH | 2580   | 54666  | 1.96% | 0.069% |
| 62 | 6.742 | 6.708 | 6.759 | HH | 2342   | 59703  | 2.14% | 0.075% |
| 63 | 6.769 | 6.759 | 6.800 | HH | 2119   | 45608  | 1.64% | 0.058% |
| 64 | 6.814 | 6.800 | 6.839 | HH | 2222   | 45234  | 1.62% | 0.057% |
| 65 | 6.845 | 6.839 | 6.860 | HH | 1814   | 20962  | 0.75% | 0.027% |
|    |       |       |       |    |        |        |       |        |
| 66 | 6.890 | 6.860 | 6.910 | HH | 3741   | 69779  | 2.50% | 0.088% |
| 67 | 6.921 | 6.910 | 6.930 | HH | 2029   | 23196  | 0.83% | 0.029% |
| 68 | 6.946 | 6.930 | 6.962 | HH | 2208   | 37395  | 1.34% | 0.047% |
| 69 | 6.983 | 6.962 | 6.997 | HH | 2454   | 44381  | 1.59% | 0.056% |
| 70 | 7.016 | 6.997 | 7.043 | HH | 3364   | 76347  | 2.74% | 0.097% |
|    |       |       |       |    |        |        |       |        |
| 71 | 7.058 | 7.043 | 7.093 | HH | 3011   | 74717  | 2.68% | 0.094% |
| 72 | 7.118 | 7.093 | 7.160 | HH | 7269   | 146286 | 5.25% | 0.185% |
| 73 | 7.172 | 7.160 | 7.187 | HH | 2774   | 39173  | 1.40% | 0.050% |
| 74 | 7.218 | 7.187 | 7.237 | HH | 5082   | 98481  | 3.53% | 0.125% |
| 75 | 7.253 | 7.237 | 7.290 | HH | 5044   | 104454 | 3.75% | 0.132% |
|    |       |       |       |    |        |        |       |        |
| 76 | 7.311 | 7.290 | 7.328 | HH | 2868   | 55303  | 1.98% | 0.070% |
| 77 | 7.337 | 7.328 | 7.352 | HH | 2317   | 30778  | 1.10% | 0.039% |
| 78 | 7.410 | 7.352 | 7.424 | HH | 3936   | 111122 | 3.99% | 0.140% |
| 79 | 7.444 | 7.424 | 7.477 | HH | 7286   | 130315 | 4.67% | 0.165% |
| 80 | 7.494 | 7.477 | 7.515 | HH | 2679   | 56730  | 2.03% | 0.072% |
|    |       |       |       |    |        |        |       |        |
| 81 | 7.523 | 7.515 | 7.541 | HH | 2514   | 37277  | 1.34% | 0.047% |
| 82 | 7.570 | 7.541 | 7.588 | HH | 2643   | 66977  | 2.40% | 0.085% |
| 83 | 7.620 | 7.588 | 7.647 | HH | 4048   | 110796 | 3.97% | 0.140% |
| 84 | 7.662 | 7.647 | 7.682 | HH | 2638   | 47992  | 1.72% | 0.061% |
| 85 | 7.716 | 7.682 | 7.743 | HH | 3091   | 91721  | 3.29% | 0.116% |
|    |       |       |       |    |        |        |       |        |
| 86 | 7.777 | 7.743 | 7.791 | HH | 2566   | 69495  | 2.49% | 0.088% |
| 87 | 7.806 | 7.791 | 7.842 | HH | 2915   | 73977  | 2.65% | 0.094% |
| 88 | 7.865 | 7.842 | 7.890 | HH | 4305   | 91945  | 3.30% | 0.116% |
| 89 | 7.908 | 7.890 | 7.925 | HH | 3306   | 59415  | 2.13% | 0.075% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 90  | 7.940  | 7.925  | 7.955  | HH | 2774   | 48255  | 1.73%  | 0.061% |
| 91  | 7.971  | 7.955  | 7.985  | HH | 2735   | 47991  | 1.72%  | 0.061% |
| 92  | 8.017  | 7.985  | 8.025  | HH | 3899   | 76068  | 2.73%  | 0.096% |
| 93  | 8.043  | 8.025  | 8.059  | HH | 6997   | 104346 | 3.74%  | 0.132% |
| 94  | 8.069  | 8.059  | 8.095  | HH | 4193   | 71785  | 2.57%  | 0.091% |
| 95  | 8.116  | 8.095  | 8.125  | HH | 3687   | 56793  | 2.04%  | 0.072% |
| 96  | 8.144  | 8.125  | 8.171  | HH | 4710   | 99586  | 3.57%  | 0.126% |
| 97  | 8.189  | 8.171  | 8.204  | HH | 3590   | 63948  | 2.29%  | 0.081% |
| 98  | 8.235  | 8.204  | 8.250  | HH | 5960   | 114452 | 4.10%  | 0.145% |
| 99  | 8.263  | 8.250  | 8.278  | HH | 4714   | 69361  | 2.49%  | 0.088% |
| 100 | 8.292  | 8.278  | 8.305  | HH | 4004   | 61768  | 2.22%  | 0.078% |
| 101 | 8.326  | 8.305  | 8.365  | HH | 8742   | 175261 | 6.29%  | 0.222% |
| 102 | 8.389  | 8.365  | 8.398  | HH | 4126   | 73575  | 2.64%  | 0.093% |
| 103 | 8.416  | 8.398  | 8.442  | HH | 5986   | 118965 | 4.27%  | 0.150% |
| 104 | 8.470  | 8.442  | 8.490  | HH | 6332   | 131089 | 4.70%  | 0.166% |
| 105 | 8.503  | 8.490  | 8.518  | HH | 4582   | 66980  | 2.40%  | 0.085% |
| 106 | 8.536  | 8.518  | 8.586  | HH | 4642   | 144695 | 5.19%  | 0.183% |
| 107 | 8.600  | 8.586  | 8.605  | HH | 2808   | 31410  | 1.13%  | 0.040% |
| 108 | 8.618  | 8.605  | 8.635  | HH | 2785   | 48264  | 1.73%  | 0.061% |
| 109 | 8.714  | 8.635  | 8.736  | HH | 13044  | 301075 | 10.80% | 0.381% |
| 110 | 8.766  | 8.736  | 8.790  | HH | 6065   | 153057 | 5.49%  | 0.194% |
| 111 | 8.801  | 8.790  | 8.812  | HH | 3796   | 46702  | 1.67%  | 0.059% |
| 112 | 8.833  | 8.812  | 8.851  | HH | 5349   | 102707 | 3.68%  | 0.130% |
| 113 | 8.866  | 8.851  | 8.891  | HH | 5326   | 100200 | 3.59%  | 0.127% |
| 114 | 8.912  | 8.891  | 8.923  | HH | 3860   | 69586  | 2.50%  | 0.088% |
| 115 | 8.935  | 8.923  | 8.945  | HH | 4017   | 52328  | 1.88%  | 0.066% |
| 116 | 8.959  | 8.945  | 8.973  | HH | 5165   | 74165  | 2.66%  | 0.094% |
| 117 | 8.991  | 8.973  | 9.022  | HH | 8727   | 160564 | 5.76%  | 0.203% |
| 118 | 9.059  | 9.022  | 9.114  | HH | 5147   | 226771 | 8.13%  | 0.287% |
| 119 | 9.155  | 9.114  | 9.212  | HH | 7679   | 276962 | 9.93%  | 0.350% |
| 120 | 9.233  | 9.212  | 9.254  | HH | 3752   | 84537  | 3.03%  | 0.107% |
| 121 | 9.288  | 9.254  | 9.307  | HH | 5099   | 121959 | 4.37%  | 0.154% |
| 122 | 9.320  | 9.307  | 9.332  | HH | 3889   | 54203  | 1.94%  | 0.069% |
| 123 | 9.344  | 9.332  | 9.356  | HH | 3608   | 49219  | 1.77%  | 0.062% |
| 124 | 9.369  | 9.356  | 9.401  | HH | 4138   | 97683  | 3.50%  | 0.124% |
| 125 | 9.427  | 9.401  | 9.461  | HH | 4981   | 142894 | 5.12%  | 0.181% |
| 126 | 9.476  | 9.461  | 9.480  | HH | 3644   | 38755  | 1.39%  | 0.049% |
| 127 | 9.504  | 9.480  | 9.560  | HH | 11769  | 284508 | 10.20% | 0.360% |
| 128 | 9.584  | 9.560  | 9.600  | HH | 5229   | 103317 | 3.71%  | 0.131% |
| 129 | 9.615  | 9.600  | 9.639  | HH | 4449   | 97069  | 3.48%  | 0.123% |
| 130 | 9.656  | 9.639  | 9.678  | HH | 6258   | 113560 | 4.07%  | 0.144% |
| 131 | 9.715  | 9.678  | 9.737  | HH | 5418   | 148228 | 5.32%  | 0.187% |
| 132 | 9.751  | 9.737  | 9.768  | HH | 3707   | 68079  | 2.44%  | 0.086% |
| 133 | 9.775  | 9.768  | 9.802  | HH | 3700   | 72462  | 2.60%  | 0.092% |
| 134 | 9.831  | 9.802  | 9.862  | HH | 5766   | 159432 | 5.72%  | 0.202% |
| 135 | 9.883  | 9.862  | 9.904  | HH | 4352   | 101686 | 3.65%  | 0.129% |
| 136 | 9.933  | 9.904  | 9.975  | HH | 10778  | 245012 | 8.79%  | 0.310% |
| 137 | 9.990  | 9.975  | 10.005 | HH | 4072   | 67626  | 2.43%  | 0.086% |
| 138 | 10.027 | 10.005 | 10.057 | HH | 3714   | 105941 | 3.80%  | 0.134% |
| 139 | 10.064 | 10.057 | 10.069 | HH | 3146   | 22178  | 0.80%  | 0.028% |
| 140 | 10.095 | 10.069 | 10.144 | HH | 4073   | 154930 | 5.56%  | 0.196% |
| 141 | 10.159 | 10.144 | 10.175 | HH | 3313   | 61011  | 2.19%  | 0.077% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.177 | 10.175 | 10.184 | HH | 3250   | 15887   | 0.57%  | 0.020% |
| 143 | 10.199 | 10.184 | 10.223 | HH | 3410   | 77565   | 2.78%  | 0.098% |
| 144 | 10.254 | 10.223 | 10.271 | HH | 4111   | 104420  | 3.74%  | 0.132% |
| 145 | 10.284 | 10.271 | 10.291 | HH | 3766   | 43757   | 1.57%  | 0.055% |
|     |        |        |        |    |        |         |        |        |
| 146 | 10.322 | 10.291 | 10.344 | HH | 5247   | 139424  | 5.00%  | 0.176% |
| 147 | 10.389 | 10.344 | 10.411 | HH | 5957   | 196839  | 7.06%  | 0.249% |
| 148 | 10.429 | 10.411 | 10.447 | HH | 5356   | 100228  | 3.59%  | 0.127% |
| 149 | 10.461 | 10.447 | 10.486 | HH | 4951   | 101006  | 3.62%  | 0.128% |
| 150 | 10.513 | 10.486 | 10.541 | HH | 6302   | 165818  | 5.95%  | 0.210% |
|     |        |        |        |    |        |         |        |        |
| 151 | 10.562 | 10.541 | 10.595 | HH | 9213   | 212462  | 7.62%  | 0.269% |
| 152 | 10.605 | 10.595 | 10.619 | HH | 5349   | 71154   | 2.55%  | 0.090% |
| 153 | 10.644 | 10.619 | 10.656 | HH | 5475   | 111715  | 4.01%  | 0.141% |
| 154 | 10.676 | 10.656 | 10.694 | HH | 9731   | 165032  | 5.92%  | 0.209% |
| 155 | 10.712 | 10.694 | 10.728 | HH | 8981   | 151973  | 5.45%  | 0.192% |
|     |        |        |        |    |        |         |        |        |
| 156 | 10.743 | 10.728 | 10.763 | HH | 7816   | 143771  | 5.16%  | 0.182% |
| 157 | 10.771 | 10.763 | 10.800 | HH | 5846   | 118593  | 4.25%  | 0.150% |
| 158 | 10.811 | 10.800 | 10.825 | HH | 5309   | 75333   | 2.70%  | 0.095% |
| 159 | 10.839 | 10.825 | 10.862 | HH | 5940   | 114423  | 4.10%  | 0.145% |
| 160 | 10.877 | 10.862 | 10.881 | HH | 5435   | 59092   | 2.12%  | 0.075% |
|     |        |        |        |    |        |         |        |        |
| 161 | 10.908 | 10.881 | 10.960 | HH | 108307 | 1367267 | 49.04% | 1.729% |
| 162 | 10.983 | 10.960 | 11.034 | HH | 21838  | 406722  | 14.59% | 0.514% |
| 163 | 11.064 | 11.034 | 11.074 | HH | 4767   | 112250  | 4.03%  | 0.142% |
| 164 | 11.090 | 11.074 | 11.115 | HH | 4596   | 107721  | 3.86%  | 0.136% |
| 165 | 11.131 | 11.115 | 11.137 | HH | 4453   | 55459   | 1.99%  | 0.070% |
|     |        |        |        |    |        |         |        |        |
| 166 | 11.157 | 11.137 | 11.185 | HH | 5503   | 138362  | 4.96%  | 0.175% |
| 167 | 11.209 | 11.185 | 11.245 | HH | 11473  | 248844  | 8.92%  | 0.315% |
| 168 | 11.258 | 11.245 | 11.267 | HH | 4552   | 56379   | 2.02%  | 0.071% |
| 169 | 11.280 | 11.267 | 11.291 | HH | 4557   | 65481   | 2.35%  | 0.083% |
| 170 | 11.317 | 11.291 | 11.334 | HH | 5164   | 125980  | 4.52%  | 0.159% |
|     |        |        |        |    |        |         |        |        |
| 171 | 11.348 | 11.334 | 11.360 | HH | 4986   | 74316   | 2.67%  | 0.094% |
| 172 | 11.380 | 11.360 | 11.398 | HH | 8213   | 146790  | 5.26%  | 0.186% |
| 173 | 11.449 | 11.398 | 11.492 | HH | 7035   | 334424  | 11.99% | 0.423% |
| 174 | 11.516 | 11.492 | 11.540 | HH | 5794   | 148809  | 5.34%  | 0.188% |
| 175 | 11.564 | 11.540 | 11.587 | HH | 5879   | 146706  | 5.26%  | 0.185% |
|     |        |        |        |    |        |         |        |        |
| 176 | 11.606 | 11.587 | 11.629 | HH | 5507   | 125631  | 4.51%  | 0.159% |
| 177 | 11.646 | 11.629 | 11.651 | HH | 4803   | 61347   | 2.20%  | 0.078% |
| 178 | 11.667 | 11.651 | 11.686 | HH | 5348   | 105668  | 3.79%  | 0.134% |
| 179 | 11.714 | 11.686 | 11.729 | HH | 15337  | 243033  | 8.72%  | 0.307% |
| 180 | 11.744 | 11.729 | 11.788 | HH | 18237  | 338424  | 12.14% | 0.428% |
|     |        |        |        |    |        |         |        |        |
| 181 | 11.825 | 11.788 | 11.844 | HH | 16834  | 340110  | 12.20% | 0.430% |
| 182 | 11.861 | 11.844 | 11.876 | HH | 13782  | 200106  | 7.18%  | 0.253% |
| 183 | 11.892 | 11.876 | 11.932 | HH | 15081  | 285197  | 10.23% | 0.361% |
| 184 | 11.949 | 11.932 | 11.955 | HH | 5442   | 73599   | 2.64%  | 0.093% |
| 185 | 11.982 | 11.955 | 12.005 | HH | 6143   | 165137  | 5.92%  | 0.209% |
|     |        |        |        |    |        |         |        |        |
| 186 | 12.050 | 12.005 | 12.061 | HH | 8813   | 223398  | 8.01%  | 0.282% |
| 187 | 12.077 | 12.061 | 12.162 | HH | 16335  | 478327  | 17.15% | 0.605% |
| 188 | 12.188 | 12.162 | 12.229 | HH | 12450  | 305719  | 10.96% | 0.387% |
| 189 | 12.247 | 12.229 | 12.271 | HH | 6429   | 144492  | 5.18%  | 0.183% |
| 190 | 12.279 | 12.271 | 12.283 | HH | 5333   | 39692   | 1.42%  | 0.050% |
|     |        |        |        |    |        |         |        |        |
| 191 | 12.303 | 12.283 | 12.312 | HH | 6028   | 100796  | 3.61%  | 0.127% |
| 192 | 12.333 | 12.312 | 12.350 | HH | 7039   | 142647  | 5.12%  | 0.180% |
| 193 | 12.364 | 12.350 | 12.379 | HH | 6350   | 105027  | 3.77%  | 0.133% |
| 194 | 12.392 | 12.379 | 12.405 | HH | 6174   | 93256   | 3.34%  | 0.118% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.437 | 12.405 | 12.451 | HH | 7220   | 179616  | 6.44%  | 0.227% |
| 196 | 12.462 | 12.451 | 12.486 | HH | 7129   | 137228  | 4.92%  | 0.174% |
| 197 | 12.508 | 12.486 | 12.545 | HH | 8684   | 252134  | 9.04%  | 0.319% |
| 198 | 12.566 | 12.545 | 12.595 | HH | 10260  | 237631  | 8.52%  | 0.300% |
| 199 | 12.616 | 12.595 | 12.635 | HH | 14027  | 249350  | 8.94%  | 0.315% |
| 200 | 12.652 | 12.635 | 12.667 | HH | 9732   | 164640  | 5.90%  | 0.208% |
| 201 | 12.685 | 12.667 | 12.703 | HH | 11104  | 215385  | 7.72%  | 0.272% |
| 202 | 12.729 | 12.703 | 12.777 | HH | 136380 | 1811904 | 64.98% | 2.291% |
| 203 | 12.792 | 12.777 | 12.815 | HH | 7502   | 157790  | 5.66%  | 0.199% |
| 204 | 12.830 | 12.815 | 12.845 | HH | 6801   | 114763  | 4.12%  | 0.145% |
| 205 | 12.864 | 12.845 | 12.876 | HH | 7901   | 134601  | 4.83%  | 0.170% |
| 206 | 12.911 | 12.876 | 12.930 | HH | 10905  | 290565  | 10.42% | 0.367% |
| 207 | 12.947 | 12.930 | 12.994 | HH | 10634  | 329002  | 11.80% | 0.416% |
| 208 | 13.025 | 12.994 | 13.058 | HH | 127106 | 1594950 | 57.20% | 2.017% |
| 209 | 13.083 | 13.058 | 13.100 | HH | 17250  | 292315  | 10.48% | 0.370% |
| 210 | 13.117 | 13.100 | 13.152 | HH | 16712  | 347917  | 12.48% | 0.440% |
| 211 | 13.175 | 13.152 | 13.182 | HH | 7770   | 134146  | 4.81%  | 0.170% |
| 212 | 13.204 | 13.182 | 13.214 | HH | 11198  | 185192  | 6.64%  | 0.234% |
| 213 | 13.227 | 13.214 | 13.261 | HH | 11967  | 264030  | 9.47%  | 0.334% |
| 214 | 13.300 | 13.261 | 13.332 | HH | 14305  | 408687  | 14.66% | 0.517% |
| 215 | 13.337 | 13.332 | 13.347 | HH | 8758   | 80212   | 2.88%  | 0.101% |
| 216 | 13.370 | 13.347 | 13.402 | HH | 9834   | 279568  | 10.03% | 0.353% |
| 217 | 13.427 | 13.402 | 13.447 | HH | 11244  | 254160  | 9.12%  | 0.321% |
| 218 | 13.453 | 13.447 | 13.465 | HH | 8918   | 92790   | 3.33%  | 0.117% |
| 219 | 13.489 | 13.465 | 13.529 | HH | 14831  | 407537  | 14.62% | 0.515% |
| 220 | 13.545 | 13.529 | 13.562 | HH | 8458   | 158761  | 5.69%  | 0.201% |
| 221 | 13.619 | 13.562 | 13.662 | HH | 22763  | 745460  | 26.74% | 0.943% |
| 222 | 13.688 | 13.662 | 13.704 | HH | 10006  | 230785  | 8.28%  | 0.292% |
| 223 | 13.728 | 13.704 | 13.746 | HH | 15933  | 312180  | 11.20% | 0.395% |
| 224 | 13.765 | 13.746 | 13.786 | HH | 18032  | 321496  | 11.53% | 0.406% |
| 225 | 13.801 | 13.786 | 13.832 | HH | 11687  | 287160  | 10.30% | 0.363% |
| 226 | 13.893 | 13.832 | 13.915 | HH | 20619  | 692107  | 24.82% | 0.875% |
| 227 | 13.934 | 13.915 | 13.971 | HH | 16410  | 417909  | 14.99% | 0.528% |
| 228 | 14.014 | 13.971 | 14.036 | HH | 11491  | 411144  | 14.75% | 0.520% |
| 229 | 14.056 | 14.036 | 14.073 | HH | 10858  | 230285  | 8.26%  | 0.291% |
| 230 | 14.086 | 14.073 | 14.094 | HH | 10549  | 130600  | 4.68%  | 0.165% |
| 231 | 14.107 | 14.094 | 14.120 | HH | 10737  | 166701  | 5.98%  | 0.211% |
| 232 | 14.146 | 14.120 | 14.162 | HH | 11124  | 274836  | 9.86%  | 0.347% |
| 233 | 14.180 | 14.162 | 14.194 | HH | 11134  | 207773  | 7.45%  | 0.263% |
| 234 | 14.210 | 14.194 | 14.234 | HH | 10938  | 251984  | 9.04%  | 0.319% |
| 235 | 14.263 | 14.234 | 14.269 | HH | 11351  | 226563  | 8.13%  | 0.286% |
| 236 | 14.295 | 14.269 | 14.300 | HH | 12704  | 220446  | 7.91%  | 0.279% |
| 237 | 14.319 | 14.300 | 14.331 | HH | 14151  | 253346  | 9.09%  | 0.320% |
| 238 | 14.356 | 14.331 | 14.399 | HH | 22059  | 642086  | 23.03% | 0.812% |
| 239 | 14.403 | 14.399 | 14.415 | HH | 12118  | 117172  | 4.20%  | 0.148% |
| 240 | 14.456 | 14.415 | 14.484 | HH | 17178  | 577901  | 20.73% | 0.731% |
| 241 | 14.496 | 14.484 | 14.504 | HH | 13388  | 161521  | 5.79%  | 0.204% |
| 242 | 14.529 | 14.504 | 14.551 | HH | 20485  | 479891  | 17.21% | 0.607% |
| 243 | 14.562 | 14.551 | 14.571 | HH | 15308  | 172867  | 6.20%  | 0.219% |
| 244 | 14.594 | 14.571 | 14.617 | HH | 29162  | 577172  | 20.70% | 0.730% |
| 245 | 14.662 | 14.617 | 14.700 | HH | 22593  | 839089  | 30.09% | 1.061% |
| 246 | 14.725 | 14.700 | 14.744 | HH | 15316  | 389066  | 13.95% | 0.492% |

| rteres                  |        |        |        |    |       |          |         |        |
|-------------------------|--------|--------|--------|----|-------|----------|---------|--------|
| 247                     | 14.759 | 14.744 | 14.763 | HH | 15278 | 176583   | 6.33%   | 0.223% |
| 248                     | 14.792 | 14.763 | 14.823 | HH | 36316 | 847921   | 30.41%  | 1.072% |
| 249                     | 14.860 | 14.823 | 14.878 | HH | 18480 | 528609   | 18.96%  | 0.668% |
| 250                     | 14.908 | 14.878 | 14.929 | HH | 66275 | 1149300  | 41.22%  | 1.453% |
|                         |        |        |        |    |       |          |         |        |
| 251                     | 14.949 | 14.929 | 14.978 | HH | 70536 | 1139600  | 40.87%  | 1.441% |
| 252                     | 14.999 | 14.978 | 15.023 | HH | 19687 | 476859   | 17.10%  | 0.603% |
| 253                     | 15.069 | 15.023 | 15.091 | HH | 27491 | 825169   | 29.59%  | 1.043% |
| 254                     | 15.104 | 15.091 | 15.127 | HH | 18598 | 385505   | 13.83%  | 0.487% |
| 255                     | 15.156 | 15.127 | 15.192 | HH | 19880 | 714175   | 25.61%  | 0.903% |
|                         |        |        |        |    |       |          |         |        |
| 256                     | 15.218 | 15.192 | 15.235 | HH | 22618 | 511535   | 18.35%  | 0.647% |
| 257                     | 15.247 | 15.235 | 15.255 | HH | 20911 | 256932   | 9.21%   | 0.325% |
| 258                     | 15.271 | 15.255 | 15.315 | HH | 21597 | 707323   | 25.37%  | 0.894% |
| 259                     | 15.358 | 15.315 | 15.377 | HH | 21690 | 747786   | 26.82%  | 0.945% |
| 260                     | 15.417 | 15.377 | 15.460 | HH | 24200 | 1117896  | 40.09%  | 1.413% |
|                         |        |        |        |    |       |          |         |        |
| 261                     | 15.518 | 15.460 | 15.536 | HH | 24511 | 1017335  | 36.49%  | 1.286% |
| 262                     | 15.543 | 15.536 | 15.554 | HH | 23325 | 244595   | 8.77%   | 0.309% |
| 263                     | 15.582 | 15.554 | 15.604 | HH | 34349 | 837603   | 30.04%  | 1.059% |
| 264                     | 15.621 | 15.604 | 15.650 | HH | 27563 | 687793   | 24.67%  | 0.870% |
| 265                     | 15.665 | 15.650 | 15.677 | HH | 24106 | 377163   | 13.53%  | 0.477% |
|                         |        |        |        |    |       |          |         |        |
| 266                     | 15.723 | 15.677 | 15.730 | HH | 27509 | 796637   | 28.57%  | 1.007% |
| 267                     | 15.746 | 15.730 | 15.785 | HH | 29791 | 882889   | 31.66%  | 1.116% |
| 268                     | 15.819 | 15.785 | 15.853 | HH | 26043 | 1007401  | 36.13%  | 1.274% |
| 269                     | 15.871 | 15.853 | 15.885 | HH | 24426 | 476812   | 17.10%  | 0.603% |
| 270                     | 15.910 | 15.885 | 15.932 | HH | 27783 | 724727   | 25.99%  | 0.916% |
|                         |        |        |        |    |       |          |         |        |
| 271                     | 15.952 | 15.932 | 15.971 | HH | 28064 | 621984   | 22.31%  | 0.786% |
| 272                     | 16.017 | 15.971 | 16.046 | HH | 31793 | 1262426  | 45.28%  | 1.596% |
| 273                     | 16.079 | 16.046 | 16.101 | HH | 27033 | 873910   | 31.34%  | 1.105% |
| 274                     | 16.122 | 16.101 | 16.140 | HH | 27122 | 628260   | 22.53%  | 0.794% |
| 275                     | 16.153 | 16.140 | 16.159 | HH | 27125 | 306615   | 11.00%  | 0.388% |
|                         |        |        |        |    |       |          |         |        |
| 276                     | 16.206 | 16.159 | 16.230 | HH | 30446 | 1230349  | 44.13%  | 1.556% |
| 277                     | 16.257 | 16.230 | 16.262 | HH | 31404 | 570655   | 20.47%  | 0.722% |
| 278                     | 16.290 | 16.262 | 16.306 | HH | 31415 | 826041   | 29.63%  | 1.044% |
| 279                     | 16.331 | 16.306 | 16.348 | HH | 31496 | 769617   | 27.60%  | 0.973% |
| 280                     | 16.387 | 16.348 | 16.395 | HH | 34108 | 916408   | 32.87%  | 1.159% |
|                         |        |        |        |    |       |          |         |        |
| 281                     | 16.402 | 16.395 | 16.423 | HH | 34341 | 575439   | 20.64%  | 0.728% |
| 282                     | 16.471 | 16.423 | 16.489 | HH | 95028 | 2150504  | 77.13%  | 2.719% |
| 283                     | 16.499 | 16.489 | 16.534 | HH | 60838 | 1191794  | 42.74%  | 1.507% |
| 284                     | 16.547 | 16.534 | 16.554 | HH | 33679 | 419861   | 15.06%  | 0.531% |
| 285                     | 16.601 | 16.554 | 16.614 | HH | 45614 | 1369709  | 49.12%  | 1.732% |
|                         |        |        |        |    |       |          |         |        |
| 286                     | 16.627 | 16.614 | 16.673 | HH | 44461 | 1422180  | 51.01%  | 1.798% |
| 287                     | 16.680 | 16.673 | 16.682 | HH | 36834 | 187688   | 6.73%   | 0.237% |
| 288                     | 16.690 | 16.682 | 16.702 | HH | 37342 | 454236   | 16.29%  | 0.574% |
| 289                     | 16.718 | 16.702 | 16.723 | HH | 37730 | 477065   | 17.11%  | 0.603% |
| 290                     | 16.789 | 16.723 | 16.820 | HH | 80052 | 2788288  | 100.00% | 3.525% |
|                         |        |        |        |    |       |          |         |        |
| 291                     | 16.848 | 16.820 | 16.877 | HH | 92483 | 2031168  | 72.85%  | 2.568% |
| 292                     | 16.882 | 16.877 | 16.895 | HH | 40694 | 427391   | 15.33%  | 0.540% |
| 293                     | 16.921 | 16.895 | 16.925 | HH | 42758 | 759050   | 27.22%  | 0.960% |
| 294                     | 16.949 | 16.925 | 16.964 | HH | 56117 | 1162295  | 41.68%  | 1.470% |
| 295                     | 16.969 | 16.964 | 16.992 | HH | 49938 | 782783   | 28.07%  | 0.990% |
|                         |        |        |        |    |       |          |         |        |
| 296                     | 17.009 | 16.992 | 17.033 | HH | 48895 | 1135908  | 40.74%  | 1.436% |
| Sum of corrected areas: |        |        |        |    |       | 79092610 |         |        |

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