

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG060520\  
 Data File : FG006942.D  
 Signal(s) : FID1A.ch  
 Acq On : 05 Jun 2020 19:50  
 Sample : L2903-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG051520.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         | 2.384       | 2.351        | 2.404      | BH       | 3254           | 24898        | 0.17%          | 0.004%        |
| 2         | 2.432       | 2.404        | 2.450      | PH       | 2283           | 12228        | 0.08%          | 0.002%        |
| 3         | 2.464       | 2.450        | 2.491      | PH       | 2229           | 12533        | 0.08%          | 0.002%        |
| 4         | 2.519       | 2.491        | 2.529      | PH       | 206            | -2316        | -0.02%         | -0.000%       |
| 5         | 2.561       | 2.529        | 2.578      | PH       | 1333           | 17606        | 0.12%          | 0.003%        |
| 6         | 2.611       | 2.578        | 2.638      | HH       | 2774           | 53592        | 0.36%          | 0.008%        |
| 7         | 2.660       | 2.638        | 2.690      | HH       | 8068           | 69915        | 0.47%          | 0.010%        |
| 8         | 2.712       | 2.690        | 2.727      | PH       | 1565           | 10888        | 0.07%          | 0.002%        |
| 9         | 2.751       | 2.727        | 2.778      | PH       | 429            | 1683         | 0.01%          | 0.000%        |
| 10        | 2.795       | 2.778        | 2.825      | PH       | 7032           | 55193        | 0.37%          | 0.008%        |
| 11        | 2.845       | 2.825        | 2.914      | PH       | 1207           | 5410         | 0.04%          | 0.001%        |
| 12        | 2.950       | 2.914        | 2.965      | PH       | 4935           | 37596        | 0.25%          | 0.005%        |
| 13        | 2.982       | 2.965        | 3.020      | HH       | 13295          | 120604       | 0.81%          | 0.017%        |
| 14        | 3.037       | 3.020        | 3.051      | HH       | 3541           | 30893        | 0.21%          | 0.004%        |
| 15        | 3.073       | 3.051        | 3.103      | HH       | 13273          | 128846       | 0.87%          | 0.018%        |
| 16        | 3.114       | 3.103        | 3.127      | HH       | 1700           | 14630        | 0.10%          | 0.002%        |
| 17        | 3.163       | 3.127        | 3.179      | PH       | 11279          | 130348       | 0.88%          | 0.019%        |
| 18        | 3.191       | 3.179        | 3.215      | HH       | 7317           | 67502        | 0.45%          | 0.010%        |
| 19        | 3.260       | 3.215        | 3.279      | HH       | 4551           | 79620        | 0.53%          | 0.011%        |
| 20        | 3.324       | 3.279        | 3.340      | PH       | 2733           | 50939        | 0.34%          | 0.007%        |
| 21        | 3.360       | 3.340        | 3.379      | HH       | 2946           | 26744        | 0.18%          | 0.004%        |
| 22        | 3.390       | 3.379        | 3.400      | HH       | 315            | 1865         | 0.01%          | 0.000%        |
| 23        | 3.412       | 3.400        | 3.420      | PH       | 477            | 2605         | 0.02%          | 0.000%        |
| 24        | 3.438       | 3.420        | 3.468      | PH       | 5062           | 58795        | 0.40%          | 0.008%        |
| 25        | 3.515       | 3.468        | 3.531      | HH       | 58985          | 562549       | 3.78%          | 0.081%        |
| 26        | 3.540       | 3.531        | 3.561      | HH       | 11656          | 116301       | 0.78%          | 0.017%        |
| 27        | 3.582       | 3.561        | 3.594      | HH       | 5235           | 50992        | 0.34%          | 0.007%        |
| 28        | 3.608       | 3.594        | 3.640      | HH       | 5180           | 84464        | 0.57%          | 0.012%        |
| 29        | 3.656       | 3.640        | 3.671      | HH       | 5832           | 67630        | 0.45%          | 0.010%        |
| 30        | 3.689       | 3.671        | 3.724      | HH       | 3711           | 86432        | 0.58%          | 0.012%        |
| 31        | 3.741       | 3.724        | 3.778      | HH       | 7881           | 78682        | 0.53%          | 0.011%        |
| 32        | 3.829       | 3.778        | 3.868      | HH       | 74386          | 695653       | 4.67%          | 0.100%        |
| 33        | 3.887       | 3.868        | 3.902      | PH       | 14228          | 121966       | 0.82%          | 0.017%        |
| 34        | 3.918       | 3.902        | 3.998      | HH       | 10756          | 191088       | 1.28%          | 0.027%        |
| 35        | 4.019       | 3.998        | 4.041      | HH       | 6976           | 73484        | 0.49%          | 0.011%        |
| 36        | 4.068       | 4.041        | 4.083      | HH       | 13179          | 175344       | 1.18%          | 0.025%        |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 37     | 4.094 | 4.083 | 4.129 | HH | 9940   | 98791   | 0.66%  | 0.014% |
| 38     | 4.152 | 4.129 | 4.163 | HH | 7077   | 72699   | 0.49%  | 0.010% |
| 39     | 4.187 | 4.163 | 4.209 | HH | 12482  | 202671  | 1.36%  | 0.029% |
| 40     | 4.216 | 4.209 | 4.230 | HH | 4167   | 45214   | 0.30%  | 0.006% |
| 41     | 4.251 | 4.230 | 4.272 | HH | 23950  | 272512  | 1.83%  | 0.039% |
| 42     | 4.292 | 4.272 | 4.304 | HH | 6527   | 104184  | 0.70%  | 0.015% |
| 43     | 4.323 | 4.304 | 4.373 | HH | 14659  | 301531  | 2.03%  | 0.043% |
| 44     | 4.390 | 4.373 | 4.401 | HH | 4490   | 48106   | 0.32%  | 0.007% |
| 45     | 4.421 | 4.401 | 4.433 | HH | 21174  | 210710  | 1.42%  | 0.030% |
| 46     | 4.448 | 4.433 | 4.482 | HH | 39892  | 457585  | 3.07%  | 0.066% |
| 47     | 4.507 | 4.482 | 4.521 | HH | 8746   | 127782  | 0.86%  | 0.018% |
| 48     | 4.532 | 4.521 | 4.562 | HH | 18630  | 218484  | 1.47%  | 0.031% |
| 49     | 4.576 | 4.562 | 4.601 | HH | 4473   | 94016   | 0.63%  | 0.013% |
| 50     | 4.644 | 4.601 | 4.674 | HH | 391073 | 3575689 | 24.02% | 0.512% |
| 51     | 4.688 | 4.674 | 4.703 | HH | 6483   | 88112   | 0.59%  | 0.013% |
| 52     | 4.748 | 4.703 | 4.769 | HH | 23185  | 476684  | 3.20%  | 0.068% |
| 53     | 4.781 | 4.769 | 4.797 | HH | 5809   | 71745   | 0.48%  | 0.010% |
| 54     | 4.819 | 4.797 | 4.826 | HH | 5368   | 76817   | 0.52%  | 0.011% |
| 55     | 4.848 | 4.826 | 4.876 | HH | 71325  | 710909  | 4.78%  | 0.102% |
| 56     | 4.915 | 4.876 | 4.931 | HH | 37473  | 502113  | 3.37%  | 0.072% |
| 57     | 4.942 | 4.931 | 4.950 | HH | 25576  | 232821  | 1.56%  | 0.033% |
| 58     | 4.962 | 4.950 | 4.983 | HH | 34973  | 437393  | 2.94%  | 0.063% |
| 59     | 4.992 | 4.983 | 5.008 | HH | 17927  | 192389  | 1.29%  | 0.028% |
| 60     | 5.023 | 5.008 | 5.055 | HH | 20630  | 249619  | 1.68%  | 0.036% |
| 61     | 5.088 | 5.055 | 5.102 | HH | 22845  | 417235  | 2.80%  | 0.060% |
| 62     | 5.110 | 5.102 | 5.123 | HH | 13493  | 143531  | 0.96%  | 0.021% |
| 63     | 5.141 | 5.123 | 5.170 | HH | 86439  | 914373  | 6.14%  | 0.131% |
| 64     | 5.192 | 5.170 | 5.205 | HH | 234078 | 2216150 | 14.89% | 0.317% |
| 65     | 5.216 | 5.205 | 5.238 | HH | 143508 | 1370746 | 9.21%  | 0.196% |
| 66     | 5.270 | 5.238 | 5.291 | HH | 73587  | 892086  | 5.99%  | 0.128% |
| 67     | 5.320 | 5.291 | 5.356 | HH | 30856  | 743667  | 5.00%  | 0.106% |
| 68     | 5.370 | 5.356 | 5.386 | HH | 17889  | 236607  | 1.59%  | 0.034% |
| 69     | 5.405 | 5.386 | 5.442 | HH | 36960  | 606986  | 4.08%  | 0.087% |
| 70     | 5.472 | 5.442 | 5.501 | HH | 32963  | 499954  | 3.36%  | 0.072% |
| 71     | 5.538 | 5.501 | 5.562 | HH | 174389 | 1842950 | 12.38% | 0.264% |
| 72     | 5.575 | 5.562 | 5.591 | HH | 17389  | 231986  | 1.56%  | 0.033% |
| 73     | 5.627 | 5.591 | 5.645 | HH | 20947  | 460952  | 3.10%  | 0.066% |
| 74     | 5.658 | 5.645 | 5.674 | HH | 11195  | 157912  | 1.06%  | 0.023% |
| 75     | 5.726 | 5.674 | 5.773 | HH | 214943 | 3008122 | 20.21% | 0.431% |
| 76     | 5.792 | 5.773 | 5.802 | HH | 45660  | 539616  | 3.63%  | 0.077% |
| 77     | 5.822 | 5.802 | 5.854 | HH | 476103 | 4816208 | 32.36% | 0.689% |
| 78     | 5.873 | 5.854 | 5.895 | HH | 119444 | 1293550 | 8.69%  | 0.185% |
| 79     | 5.916 | 5.895 | 5.928 | HH | 24552  | 365078  | 2.45%  | 0.052% |
| 80     | 5.939 | 5.928 | 5.947 | HH | 21433  | 210869  | 1.42%  | 0.030% |
| 81     | 5.983 | 5.947 | 6.034 | HH | 45180  | 1303157 | 8.76%  | 0.187% |
| 82     | 6.054 | 6.034 | 6.066 | HH | 28317  | 378861  | 2.55%  | 0.054% |
| 83     | 6.090 | 6.066 | 6.097 | HH | 30705  | 467898  | 3.14%  | 0.067% |
| 84     | 6.115 | 6.097 | 6.147 | HH | 47530  | 881329  | 5.92%  | 0.126% |
| 85     | 6.177 | 6.147 | 6.195 | HH | 46036  | 677550  | 4.55%  | 0.097% |
| 86     | 6.221 | 6.195 | 6.248 | HH | 138785 | 2272006 | 15.27% | 0.325% |
| 87     | 6.265 | 6.248 | 6.281 | HH | 91504  | 1133677 | 7.62%  | 0.162% |
| 88     | 6.307 | 6.281 | 6.336 | HH | 131285 | 2333494 | 15.68% | 0.334% |
| 89     | 6.343 | 6.336 | 6.377 | HH | 67432  | 978673  | 6.58%  | 0.140% |

|     |       |       |       |    | rteres  |          |         |        |
|-----|-------|-------|-------|----|---------|----------|---------|--------|
| 90  | 6.388 | 6.377 | 6.399 | HH | 20702   | 246020   | 1.65%   | 0.035% |
| 91  | 6.410 | 6.399 | 6.423 | HH | 19745   | 250762   | 1.68%   | 0.036% |
| 92  | 6.461 | 6.423 | 6.504 | HH | 76701   | 1892024  | 12.71%  | 0.271% |
| 93  | 6.541 | 6.504 | 6.566 | HH | 84865   | 1561288  | 10.49%  | 0.224% |
| 94  | 6.608 | 6.566 | 6.620 | HH | 45301   | 1007048  | 6.77%   | 0.144% |
| 95  | 6.645 | 6.620 | 6.675 | HH | 93061   | 2112938  | 14.20%  | 0.302% |
| 96  | 6.691 | 6.675 | 6.738 | HH | 208296  | 2978402  | 20.01%  | 0.426% |
| 97  | 6.754 | 6.738 | 6.779 | HH | 44312   | 804442   | 5.40%   | 0.115% |
| 98  | 6.804 | 6.779 | 6.828 | HH | 185181  | 2393290  | 16.08%  | 0.343% |
| 99  | 6.837 | 6.828 | 6.852 | HH | 48584   | 616813   | 4.14%   | 0.088% |
| 100 | 6.865 | 6.852 | 6.874 | HH | 43658   | 494934   | 3.33%   | 0.071% |
| 101 | 6.891 | 6.874 | 6.902 | HH | 64977   | 871645   | 5.86%   | 0.125% |
| 102 | 6.924 | 6.902 | 6.945 | HH | 235010  | 2913198  | 19.57%  | 0.417% |
| 103 | 6.961 | 6.945 | 6.990 | HH | 77067   | 1270742  | 8.54%   | 0.182% |
| 104 | 7.006 | 6.990 | 7.019 | HH | 37708   | 577908   | 3.88%   | 0.083% |
| 105 | 7.054 | 7.019 | 7.069 | HH | 137197  | 2223091  | 14.94%  | 0.318% |
| 106 | 7.089 | 7.069 | 7.117 | HH | 204482  | 3360774  | 22.58%  | 0.481% |
| 107 | 7.128 | 7.117 | 7.141 | HH | 83391   | 987821   | 6.64%   | 0.141% |
| 108 | 7.156 | 7.141 | 7.181 | HH | 132294  | 1887967  | 12.69%  | 0.270% |
| 109 | 7.244 | 7.181 | 7.263 | HH | 128180  | 3741093  | 25.14%  | 0.536% |
| 110 | 7.291 | 7.263 | 7.340 | HH | 1375663 | 14883352 | 100.00% | 2.131% |
| 111 | 7.359 | 7.340 | 7.381 | HH | 50417   | 1114610  | 7.49%   | 0.160% |
| 112 | 7.427 | 7.381 | 7.463 | HH | 75713   | 2837803  | 19.07%  | 0.406% |
| 113 | 7.484 | 7.463 | 7.493 | HH | 93462   | 1324844  | 8.90%   | 0.190% |
| 114 | 7.505 | 7.493 | 7.514 | HH | 107189  | 1187971  | 7.98%   | 0.170% |
| 115 | 7.529 | 7.514 | 7.573 | HH | 168624  | 3330532  | 22.38%  | 0.477% |
| 116 | 7.623 | 7.573 | 7.667 | HH | 120658  | 3903005  | 26.22%  | 0.559% |
| 117 | 7.700 | 7.667 | 7.715 | HH | 86635   | 2194680  | 14.75%  | 0.314% |
| 118 | 7.748 | 7.715 | 7.782 | HH | 107807  | 3429233  | 23.04%  | 0.491% |
| 119 | 7.838 | 7.782 | 7.849 | HH | 112796  | 3376478  | 22.69%  | 0.483% |
| 120 | 7.861 | 7.849 | 7.876 | HH | 134458  | 1749390  | 11.75%  | 0.250% |
| 121 | 7.895 | 7.876 | 7.930 | HH | 123214  | 3039659  | 20.42%  | 0.435% |
| 122 | 7.979 | 7.930 | 7.995 | HH | 123588  | 3378778  | 22.70%  | 0.484% |
| 123 | 8.008 | 7.995 | 8.021 | HH | 104328  | 1551233  | 10.42%  | 0.222% |
| 124 | 8.045 | 8.021 | 8.068 | HH | 193205  | 3757612  | 25.25%  | 0.538% |
| 125 | 8.083 | 8.068 | 8.096 | HH | 127733  | 1863299  | 12.52%  | 0.267% |
| 126 | 8.131 | 8.096 | 8.197 | HH | 333106  | 10864605 | 73.00%  | 1.555% |
| 127 | 8.253 | 8.197 | 8.269 | HH | 673315  | 10588222 | 71.14%  | 1.516% |
| 128 | 8.280 | 8.269 | 8.331 | HH | 372849  | 6805449  | 45.73%  | 0.974% |
| 129 | 8.409 | 8.331 | 8.469 | HH | 307609  | 14088373 | 94.66%  | 2.017% |
| 130 | 8.526 | 8.469 | 8.555 | HH | 296004  | 7888373  | 53.00%  | 1.129% |
| 131 | 8.575 | 8.555 | 8.667 | HH | 211662  | 9304441  | 62.52%  | 1.332% |
| 132 | 8.694 | 8.667 | 8.714 | HH | 185172  | 4191775  | 28.16%  | 0.600% |
| 133 | 8.731 | 8.714 | 8.757 | HH | 234701  | 3999649  | 26.87%  | 0.573% |
| 134 | 8.795 | 8.757 | 8.814 | HH | 156067  | 4576666  | 30.75%  | 0.655% |
| 135 | 8.845 | 8.814 | 8.877 | HH | 159903  | 5451110  | 36.63%  | 0.780% |
| 136 | 8.915 | 8.877 | 8.940 | HH | 158931  | 5522425  | 37.10%  | 0.791% |
| 137 | 8.972 | 8.940 | 8.988 | HH | 200362  | 4755244  | 31.95%  | 0.681% |
| 138 | 9.004 | 8.988 | 9.031 | HH | 199679  | 4431759  | 29.78%  | 0.634% |
| 139 | 9.043 | 9.031 | 9.072 | HH | 167348  | 3666979  | 24.64%  | 0.525% |
| 140 | 9.099 | 9.072 | 9.109 | HH | 157998  | 3155497  | 21.20%  | 0.452% |
| 141 | 9.140 | 9.109 | 9.200 | HH | 203862  | 9648487  | 64.83%  | 1.381% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 142    | 9.234  | 9.200  | 9.245  | HH | 155363 | 3896717  | 26.18% | 0.558% |
| 143    | 9.263  | 9.245  | 9.280  | HH | 180722 | 3506916  | 23.56% | 0.502% |
| 144    | 9.301  | 9.280  | 9.317  | HH | 245897 | 4393240  | 29.52% | 0.629% |
| 145    | 9.328  | 9.317  | 9.344  | HH | 198286 | 2943309  | 19.78% | 0.421% |
| 146    | 9.353  | 9.344  | 9.365  | HH | 172478 | 2069819  | 13.91% | 0.296% |
| 147    | 9.379  | 9.365  | 9.390  | HH | 172512 | 2532762  | 17.02% | 0.363% |
| 148    | 9.412  | 9.390  | 9.423  | HH | 195532 | 3602615  | 24.21% | 0.516% |
| 149    | 9.436  | 9.423  | 9.457  | HH | 201268 | 3564233  | 23.95% | 0.510% |
| 150    | 9.491  | 9.457  | 9.500  | HH | 164589 | 4055070  | 27.25% | 0.581% |
| 151    | 9.518  | 9.500  | 9.536  | HH | 270211 | 4302363  | 28.91% | 0.616% |
| 152    | 9.551  | 9.536  | 9.564  | HH | 168633 | 2737759  | 18.39% | 0.392% |
| 153    | 9.600  | 9.564  | 9.648  | HH | 329011 | 9918207  | 66.64% | 1.420% |
| 154    | 9.670  | 9.648  | 9.688  | HH | 219120 | 4488565  | 30.16% | 0.643% |
| 155    | 9.699  | 9.688  | 9.715  | HH | 171738 | 2676923  | 17.99% | 0.383% |
| 156    | 9.730  | 9.715  | 9.756  | HH | 187776 | 4039691  | 27.14% | 0.578% |
| 157    | 9.798  | 9.756  | 9.849  | HH | 244009 | 10178027 | 68.39% | 1.457% |
| 158    | 9.862  | 9.849  | 9.876  | HH | 164927 | 2624410  | 17.63% | 0.376% |
| 159    | 9.909  | 9.876  | 9.928  | HH | 190880 | 5367885  | 36.07% | 0.768% |
| 160    | 9.961  | 9.928  | 9.979  | HH | 214841 | 5522737  | 37.11% | 0.791% |
| 161    | 9.996  | 9.979  | 10.012 | HH | 179282 | 3365548  | 22.61% | 0.482% |
| 162    | 10.046 | 10.012 | 10.069 | HH | 181360 | 5676754  | 38.14% | 0.813% |
| 163    | 10.099 | 10.069 | 10.107 | HH | 158181 | 3356615  | 22.55% | 0.481% |
| 164    | 10.118 | 10.107 | 10.138 | HH | 162538 | 2931613  | 19.70% | 0.420% |
| 165    | 10.189 | 10.138 | 10.196 | HH | 181094 | 5761539  | 38.71% | 0.825% |
| 166    | 10.216 | 10.196 | 10.252 | HH | 200747 | 5928318  | 39.83% | 0.849% |
| 167    | 10.261 | 10.252 | 10.288 | HH | 160679 | 3417607  | 22.96% | 0.489% |
| 168    | 10.317 | 10.288 | 10.330 | HH | 167786 | 3927428  | 26.39% | 0.562% |
| 169    | 10.349 | 10.330 | 10.376 | HH | 169254 | 4590094  | 30.84% | 0.657% |
| 170    | 10.398 | 10.376 | 10.415 | HH | 201894 | 4223080  | 28.37% | 0.605% |
| 171    | 10.441 | 10.415 | 10.468 | HH | 244208 | 6126686  | 41.16% | 0.877% |
| 172    | 10.532 | 10.468 | 10.588 | HH | 195544 | 12316095 | 82.75% | 1.763% |
| 173    | 10.626 | 10.588 | 10.664 | HH | 166435 | 7102257  | 47.72% | 1.017% |
| 174    | 10.683 | 10.664 | 10.708 | HH | 158010 | 3900215  | 26.21% | 0.558% |
| 175    | 10.728 | 10.708 | 10.745 | HH | 156181 | 3231658  | 21.71% | 0.463% |
| 176    | 10.758 | 10.745 | 10.779 | HH | 147591 | 2933161  | 19.71% | 0.420% |
| 177    | 10.796 | 10.779 | 10.809 | HH | 147766 | 2572491  | 17.28% | 0.368% |
| 178    | 10.819 | 10.809 | 10.826 | HH | 140580 | 1420632  | 9.55%  | 0.203% |
| 179    | 10.846 | 10.826 | 10.862 | HH | 161976 | 3166197  | 21.27% | 0.453% |
| 180    | 10.889 | 10.862 | 10.896 | HH | 150418 | 2984523  | 20.05% | 0.427% |
| 181    | 10.923 | 10.896 | 10.945 | HH | 192918 | 4754194  | 31.94% | 0.681% |
| 182    | 10.963 | 10.945 | 10.975 | HH | 165361 | 2891147  | 19.43% | 0.414% |
| 183    | 10.988 | 10.975 | 11.011 | HH | 173426 | 3353176  | 22.53% | 0.480% |
| 184    | 11.038 | 11.011 | 11.046 | HH | 147610 | 3012856  | 20.24% | 0.431% |
| 185    | 11.056 | 11.046 | 11.074 | HH | 152232 | 2387849  | 16.04% | 0.342% |
| 186    | 11.102 | 11.074 | 11.121 | HH | 150865 | 4197975  | 28.21% | 0.601% |
| 187    | 11.151 | 11.121 | 11.173 | HH | 156504 | 4493251  | 30.19% | 0.643% |
| 188    | 11.213 | 11.173 | 11.243 | HH | 143858 | 5720060  | 38.43% | 0.819% |
| 189    | 11.261 | 11.243 | 11.272 | HH | 131845 | 2235858  | 15.02% | 0.320% |
| 190    | 11.299 | 11.272 | 11.332 | HH | 138219 | 4720817  | 31.72% | 0.676% |
| 191    | 11.344 | 11.332 | 11.361 | HH | 131517 | 2287399  | 15.37% | 0.327% |
| 192    | 11.381 | 11.361 | 11.400 | HH | 139757 | 3072622  | 20.64% | 0.440% |
| 193    | 11.443 | 11.400 | 11.471 | HH | 148322 | 5805030  | 39.00% | 0.831% |
| 194    | 11.486 | 11.471 | 11.501 | HH | 135001 | 2354300  | 15.82% | 0.337% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 195    | 11.518 | 11.501 | 11.531 | HH | 130969 | 2324245 | 15.62% | 0.333% |
| 196    | 11.551 | 11.531 | 11.569 | HH | 135811 | 2957195 | 19.87% | 0.423% |
| 197    | 11.586 | 11.569 | 11.608 | HH | 131418 | 3038578 | 20.42% | 0.435% |
| 198    | 11.630 | 11.608 | 11.648 | HH | 142957 | 3232303 | 21.72% | 0.463% |
| 199    | 11.660 | 11.648 | 11.698 | HH | 131109 | 3604338 | 24.22% | 0.516% |
| 200    | 11.716 | 11.698 | 11.739 | HH | 139057 | 3103948 | 20.86% | 0.444% |
| 201    | 11.761 | 11.739 | 11.820 | HH | 144454 | 6165396 | 41.42% | 0.883% |
| 202    | 11.837 | 11.820 | 11.850 | HH | 124883 | 2176113 | 14.62% | 0.312% |
| 203    | 11.869 | 11.850 | 11.898 | HH | 148027 | 3669618 | 24.66% | 0.525% |
| 204    | 11.914 | 11.898 | 11.948 | HH | 114845 | 3430157 | 23.05% | 0.491% |
| 205    | 11.965 | 11.948 | 11.975 | HH | 117707 | 1891959 | 12.71% | 0.271% |
| 206    | 11.987 | 11.975 | 12.015 | HH | 121411 | 2723429 | 18.30% | 0.390% |
| 207    | 12.032 | 12.015 | 12.041 | HH | 115575 | 1748114 | 11.75% | 0.250% |
| 208    | 12.054 | 12.041 | 12.082 | HH | 119659 | 2749710 | 18.48% | 0.394% |
| 209    | 12.101 | 12.082 | 12.126 | HH | 108007 | 2833455 | 19.04% | 0.406% |
| 210    | 12.167 | 12.126 | 12.192 | HH | 115118 | 4280519 | 28.76% | 0.613% |
| 211    | 12.238 | 12.192 | 12.283 | HH | 116745 | 6073313 | 40.81% | 0.869% |
| 212    | 12.315 | 12.283 | 12.338 | HH | 208038 | 4676066 | 31.42% | 0.669% |
| 213    | 12.351 | 12.338 | 12.375 | HH | 111583 | 2355882 | 15.83% | 0.337% |
| 214    | 12.386 | 12.375 | 12.424 | HH | 107503 | 3011688 | 20.24% | 0.431% |
| 215    | 12.434 | 12.424 | 12.455 | HH | 99795  | 1823626 | 12.25% | 0.261% |
| 216    | 12.485 | 12.455 | 12.510 | HH | 112424 | 3445026 | 23.15% | 0.493% |
| 217    | 12.526 | 12.510 | 12.571 | HH | 115914 | 3740575 | 25.13% | 0.536% |
| 218    | 12.597 | 12.571 | 12.624 | HH | 93427  | 2848564 | 19.14% | 0.408% |
| 219    | 12.636 | 12.624 | 12.648 | HH | 87758  | 1263896 | 8.49%  | 0.181% |
| 220    | 12.688 | 12.648 | 12.729 | HH | 99197  | 4465236 | 30.00% | 0.639% |
| 221    | 12.742 | 12.729 | 12.752 | HH | 87796  | 1185911 | 7.97%  | 0.170% |
| 222    | 12.769 | 12.752 | 12.820 | HH | 89107  | 3487103 | 23.43% | 0.499% |
| 223    | 12.845 | 12.820 | 12.862 | HH | 84536  | 2047905 | 13.76% | 0.293% |
| 224    | 12.881 | 12.862 | 12.893 | HH | 86605  | 1593820 | 10.71% | 0.228% |
| 225    | 12.937 | 12.893 | 12.957 | HH | 89436  | 3339545 | 22.44% | 0.478% |
| 226    | 12.973 | 12.957 | 13.012 | HH | 85690  | 2650248 | 17.81% | 0.379% |
| 227    | 13.050 | 13.012 | 13.080 | HH | 92085  | 3315172 | 22.27% | 0.475% |
| 228    | 13.093 | 13.080 | 13.127 | HH | 78996  | 2180040 | 14.65% | 0.312% |
| 229    | 13.151 | 13.127 | 13.190 | HH | 75472  | 2766131 | 18.59% | 0.396% |
| 230    | 13.200 | 13.190 | 13.224 | HH | 74058  | 1466795 | 9.86%  | 0.210% |
| 231    | 13.238 | 13.224 | 13.248 | HH | 69444  | 987946  | 6.64%  | 0.141% |
| 232    | 13.262 | 13.248 | 13.288 | HH | 70214  | 1662728 | 11.17% | 0.238% |
| 233    | 13.320 | 13.288 | 13.395 | HH | 71527  | 4381696 | 29.44% | 0.627% |
| 234    | 13.416 | 13.395 | 13.442 | HH | 66896  | 1862271 | 12.51% | 0.267% |
| 235    | 13.466 | 13.442 | 13.487 | HH | 65030  | 1723204 | 11.58% | 0.247% |
| 236    | 13.536 | 13.487 | 13.566 | HH | 98887  | 3359625 | 22.57% | 0.481% |
| 237    | 13.578 | 13.566 | 13.601 | HH | 62871  | 1310483 | 8.81%  | 0.188% |
| 238    | 13.607 | 13.601 | 13.644 | HH | 60572  | 1548132 | 10.40% | 0.222% |
| 239    | 13.659 | 13.644 | 13.752 | HH | 59777  | 3634562 | 24.42% | 0.520% |
| 240    | 13.762 | 13.752 | 13.810 | HH | 55796  | 1873871 | 12.59% | 0.268% |
| 241    | 13.831 | 13.810 | 13.842 | HH | 53910  | 1030076 | 6.92%  | 0.147% |
| 242    | 13.848 | 13.842 | 13.875 | HH | 52748  | 1005570 | 6.76%  | 0.144% |
| 243    | 13.880 | 13.875 | 13.945 | HH | 51431  | 2098163 | 14.10% | 0.300% |
| 244    | 13.957 | 13.945 | 13.978 | HH | 49161  | 971916  | 6.53%  | 0.139% |
| 245    | 13.985 | 13.978 | 14.035 | HH | 48816  | 1638036 | 11.01% | 0.235% |
| 246    | 14.048 | 14.035 | 14.068 | HH | 47113  | 933247  | 6.27%  | 0.134% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 14.079 | 14.068 | 14.094 | HH | 47008  | 739223  | 4.97%  | 0.106% |
| 248    | 14.109 | 14.094 | 14.141 | HH | 46713  | 1282868 | 8.62%  | 0.184% |
| 249    | 14.150 | 14.141 | 14.155 | HH | 44608  | 355294  | 2.39%  | 0.051% |
| 250    | 14.168 | 14.155 | 14.191 | HH | 45118  | 966859  | 6.50%  | 0.138% |
|        |        |        |        |    |        |         |        |        |
| 251    | 14.207 | 14.191 | 14.254 | HH | 43783  | 1631910 | 10.96% | 0.234% |
| 252    | 14.274 | 14.254 | 14.309 | HH | 44678  | 1411090 | 9.48%  | 0.202% |
| 253    | 14.350 | 14.309 | 14.427 | HH | 53131  | 3016516 | 20.27% | 0.432% |
| 254    | 14.448 | 14.427 | 14.471 | HH | 39751  | 1036792 | 6.97%  | 0.148% |
| 255    | 14.483 | 14.471 | 14.537 | HH | 39411  | 1497534 | 10.06% | 0.214% |
|        |        |        |        |    |        |         |        |        |
| 256    | 14.548 | 14.537 | 14.641 | HH | 37900  | 2278643 | 15.31% | 0.326% |
| 257    | 14.668 | 14.641 | 14.741 | HH | 36882  | 2110737 | 14.18% | 0.302% |
| 258    | 14.786 | 14.741 | 14.895 | HH | 234885 | 5716097 | 38.41% | 0.818% |
| 259    | 14.920 | 14.895 | 14.941 | HH | 32573  | 888318  | 5.97%  | 0.127% |
| 260    | 14.952 | 14.941 | 14.978 | HH | 31803  | 691143  | 4.64%  | 0.099% |
|        |        |        |        |    |        |         |        |        |
| 261    | 14.984 | 14.978 | 15.142 | HH | 31682  | 2927107 | 19.67% | 0.419% |
| 262    | 15.151 | 15.142 | 15.161 | HH | 28661  | 323405  | 2.17%  | 0.046% |
| 263    | 15.212 | 15.161 | 15.255 | HH | 28576  | 1567660 | 10.53% | 0.224% |
| 264    | 15.277 | 15.255 | 15.286 | HH | 27419  | 506630  | 3.40%  | 0.073% |
| 265    | 15.298 | 15.286 | 15.313 | HH | 27744  | 453632  | 3.05%  | 0.065% |
|        |        |        |        |    |        |         |        |        |
| 266    | 15.325 | 15.313 | 15.334 | HH | 27484  | 335038  | 2.25%  | 0.048% |
| 267    | 15.368 | 15.334 | 15.424 | HH | 79330  | 2106539 | 14.15% | 0.302% |
| 268    | 15.438 | 15.424 | 15.455 | HH | 26087  | 466964  | 3.14%  | 0.067% |
| 269    | 15.473 | 15.455 | 15.489 | HH | 25639  | 517454  | 3.48%  | 0.074% |
| 270    | 15.509 | 15.489 | 15.537 | HH | 26862  | 746765  | 5.02%  | 0.107% |
|        |        |        |        |    |        |         |        |        |
| 271    | 15.559 | 15.537 | 15.609 | HH | 26733  | 1089084 | 7.32%  | 0.156% |
| 272    | 15.618 | 15.609 | 15.635 | HH | 24073  | 362990  | 2.44%  | 0.052% |
| 273    | 15.646 | 15.635 | 15.659 | HH | 23590  | 341254  | 2.29%  | 0.049% |
| 274    | 15.682 | 15.659 | 15.704 | HH | 23643  | 628675  | 4.22%  | 0.090% |
| 275    | 15.727 | 15.704 | 15.820 | HH | 25178  | 1591919 | 10.70% | 0.228% |
|        |        |        |        |    |        |         |        |        |
| 276    | 15.830 | 15.820 | 15.867 | HH | 21911  | 611281  | 4.11%  | 0.088% |
| 277    | 15.882 | 15.867 | 15.915 | HH | 22311  | 611714  | 4.11%  | 0.088% |
| 278    | 15.943 | 15.915 | 15.956 | HH | 21140  | 511419  | 3.44%  | 0.073% |
| 279    | 15.963 | 15.956 | 15.975 | HH | 20529  | 232539  | 1.56%  | 0.033% |
| 280    | 16.010 | 15.975 | 16.058 | HH | 23485  | 1044946 | 7.02%  | 0.150% |
|        |        |        |        |    |        |         |        |        |
| 281    | 16.062 | 16.058 | 16.105 | HH | 20093  | 557884  | 3.75%  | 0.080% |
| 282    | 16.125 | 16.105 | 16.186 | HH | 20035  | 944478  | 6.35%  | 0.135% |
| 283    | 16.199 | 16.186 | 16.218 | HH | 19080  | 355639  | 2.39%  | 0.051% |
| 284    | 16.233 | 16.218 | 16.296 | HH | 19165  | 871815  | 5.86%  | 0.125% |
| 285    | 16.324 | 16.296 | 16.347 | HH | 18852  | 560763  | 3.77%  | 0.080% |
|        |        |        |        |    |        |         |        |        |
| 286    | 16.380 | 16.347 | 16.445 | HH | 21505  | 1098273 | 7.38%  | 0.157% |
| 287    | 16.458 | 16.445 | 16.471 | HH | 18000  | 279587  | 1.88%  | 0.040% |
| 288    | 16.496 | 16.471 | 16.553 | HH | 22077  | 893148  | 6.00%  | 0.128% |
| 289    | 16.567 | 16.553 | 16.648 | HH | 16916  | 941297  | 6.32%  | 0.135% |
| 290    | 16.654 | 16.648 | 16.689 | HH | 16220  | 390674  | 2.62%  | 0.056% |
|        |        |        |        |    |        |         |        |        |
| 291    | 16.711 | 16.689 | 16.722 | HH | 16405  | 321637  | 2.16%  | 0.046% |
| 292    | 16.741 | 16.722 | 16.775 | HH | 17093  | 525716  | 3.53%  | 0.075% |
| 293    | 16.783 | 16.775 | 16.817 | HH | 16012  | 399515  | 2.68%  | 0.057% |
| 294    | 16.835 | 16.817 | 16.932 | HH | 15823  | 1051486 | 7.06%  | 0.151% |
| 295    | 16.963 | 16.932 | 16.999 | HH | 22110  | 693891  | 4.66%  | 0.099% |
|        |        |        |        |    |        |         |        |        |
| 296    | 17.016 | 16.999 | 17.027 | HH | 14880  | 253092  | 1.70%  | 0.036% |
| 297    | 17.045 | 17.027 | 17.154 | HH | 15513  | 1108643 | 7.45%  | 0.159% |
| 298    | 17.170 | 17.154 | 17.185 | HH | 14216  | 264642  | 1.78%  | 0.038% |
| 299    | 17.224 | 17.185 | 17.286 | HH | 15064  | 851233  | 5.72%  | 0.122% |

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 300 | 17.325 | 17.286 | 17.355 | HH | 15257  | 580052  | 3.90% | 0.083% |
| 301 | 17.364 | 17.355 | 17.372 | HH | 13392  | 137860  | 0.93% | 0.020% |
| 302 | 17.415 | 17.372 | 17.458 | HH | 23315  | 816433  | 5.49% | 0.117% |
| 303 | 17.468 | 17.458 | 17.484 | HH | 13196  | 203781  | 1.37% | 0.029% |
| 304 | 17.495 | 17.484 | 17.518 | HH | 13203  | 270505  | 1.82% | 0.039% |
| 305 | 17.528 | 17.518 | 17.548 | HH | 12965  | 227889  | 1.53% | 0.033% |
| 306 | 17.554 | 17.548 | 17.581 | HH | 12879  | 250351  | 1.68% | 0.036% |
| 307 | 17.591 | 17.581 | 17.607 | HH | 12779  | 200343  | 1.35% | 0.029% |
| 308 | 17.621 | 17.607 | 17.638 | HH | 12779  | 235102  | 1.58% | 0.034% |
| 309 | 17.646 | 17.638 | 17.664 | HH | 12710  | 195516  | 1.31% | 0.028% |
| 310 | 17.701 | 17.664 | 17.725 | HH | 12922  | 463349  | 3.11% | 0.066% |
| 311 | 17.733 | 17.725 | 17.755 | HH | 12635  | 224808  | 1.51% | 0.032% |
| 312 | 17.769 | 17.755 | 17.790 | HH | 12786  | 272829  | 1.83% | 0.039% |
| 313 | 17.807 | 17.790 | 17.823 | HH | 13075  | 253903  | 1.71% | 0.036% |
| 314 | 17.853 | 17.823 | 17.888 | HH | 21719  | 606392  | 4.07% | 0.087% |
| 315 | 17.898 | 17.888 | 17.911 | HH | 12524  | 173598  | 1.17% | 0.025% |
| 316 | 17.940 | 17.911 | 17.989 | HH | 12827  | 579919  | 3.90% | 0.083% |
| 317 | 18.005 | 17.989 | 18.033 | HH | 12256  | 322883  | 2.17% | 0.046% |
| 318 | 18.083 | 18.033 | 18.105 | HH | 13542  | 543550  | 3.65% | 0.078% |
| 319 | 18.122 | 18.105 | 18.149 | HH | 13024  | 335397  | 2.25% | 0.048% |
| 320 | 18.209 | 18.149 | 18.248 | HH | 28508  | 1005031 | 6.75% | 0.144% |
| 321 | 18.277 | 18.248 | 18.319 | HH | 21815  | 662609  | 4.45% | 0.095% |
| 322 | 18.327 | 18.319 | 18.338 | HH | 12136  | 138467  | 0.93% | 0.020% |
| 323 | 18.374 | 18.338 | 18.403 | HH | 12210  | 469557  | 3.15% | 0.067% |
| 324 | 18.414 | 18.403 | 18.432 | HH | 12012  | 212529  | 1.43% | 0.030% |
| 325 | 18.455 | 18.432 | 18.468 | HH | 12078  | 254275  | 1.71% | 0.036% |
| 326 | 18.481 | 18.468 | 18.508 | HH | 12206  | 290430  | 1.95% | 0.042% |
| 327 | 18.537 | 18.508 | 18.568 | HH | 12566  | 446988  | 3.00% | 0.064% |
| 328 | 18.590 | 18.568 | 18.603 | HH | 12701  | 264180  | 1.78% | 0.038% |
| 329 | 18.630 | 18.603 | 18.651 | HH | 12951  | 365027  | 2.45% | 0.052% |
| 330 | 18.686 | 18.651 | 18.731 | HH | 18994  | 700295  | 4.71% | 0.100% |
| 331 | 18.788 | 18.731 | 18.824 | HH | 13073  | 709814  | 4.77% | 0.102% |
| 332 | 18.868 | 18.824 | 18.913 | HH | 13095  | 687828  | 4.62% | 0.098% |
| 333 | 18.963 | 18.913 | 18.988 | HH | 13816  | 589967  | 3.96% | 0.084% |
| 334 | 19.037 | 18.988 | 19.066 | HH | 23775  | 790455  | 5.31% | 0.113% |
| 335 | 19.091 | 19.066 | 19.134 | HH | 16963  | 618841  | 4.16% | 0.089% |
| 336 | 19.164 | 19.134 | 19.191 | HH | 13739  | 469523  | 3.15% | 0.067% |
| 337 | 19.210 | 19.191 | 19.227 | HH | 13629  | 289695  | 1.95% | 0.041% |
| 338 | 19.261 | 19.227 | 19.303 | HH | 13891  | 623364  | 4.19% | 0.089% |
| 339 | 19.327 | 19.303 | 19.353 | HH | 13766  | 413660  | 2.78% | 0.059% |
| 340 | 19.380 | 19.353 | 19.401 | HH | 14450  | 401346  | 2.70% | 0.057% |
| 341 | 19.471 | 19.401 | 19.511 | HH | 15708  | 949555  | 6.38% | 0.136% |
| 342 | 19.543 | 19.511 | 19.558 | HH | 16575  | 432614  | 2.91% | 0.062% |
| 343 | 19.573 | 19.558 | 19.606 | HH | 16795  | 453004  | 3.04% | 0.065% |
| 344 | 19.643 | 19.606 | 19.680 | HH | 15778  | 677759  | 4.55% | 0.097% |
| 345 | 19.772 | 19.680 | 19.787 | HH | 15700  | 975733  | 6.56% | 0.140% |
| 346 | 19.843 | 19.787 | 19.867 | HH | 18749  | 818845  | 5.50% | 0.117% |
| 347 | 19.879 | 19.867 | 19.908 | HH | 16583  | 398599  | 2.68% | 0.057% |
| 348 | 19.952 | 19.908 | 19.963 | HH | 16675  | 541349  | 3.64% | 0.078% |
| 349 | 20.063 | 19.963 | 20.091 | HH | 18761  | 1337826 | 8.99% | 0.192% |
| 350 | 20.105 | 20.091 | 20.118 | HH | 17964  | 286393  | 1.92% | 0.041% |
| 351 | 20.131 | 20.118 | 20.147 | HH | 18122  | 312853  | 2.10% | 0.045% |

|     |        |        |        |     |                                   |         |        |        |
|-----|--------|--------|--------|-----|-----------------------------------|---------|--------|--------|
|     |        |        |        |     | rters                             |         |        |        |
| 352 | 20.215 | 20.147 | 20.234 | HH  | 19452                             | 977982  | 6.57%  | 0.140% |
| 353 | 20.268 | 20.234 | 20.281 | HH  | 19553                             | 541963  | 3.64%  | 0.078% |
| 354 | 20.286 | 20.281 | 20.297 | HH  | 19490                             | 184722  | 1.24%  | 0.026% |
| 355 | 20.378 | 20.297 | 20.406 | HH  | 21046                             | 1320336 | 8.87%  | 0.189% |
| 356 | 20.451 | 20.406 | 20.474 | HH  | 21131                             | 840894  | 5.65%  | 0.120% |
| 357 | 20.513 | 20.474 | 20.530 | HH  | 21091                             | 693520  | 4.66%  | 0.099% |
| 358 | 20.568 | 20.530 | 20.654 | HH  | 22089                             | 1600335 | 10.75% | 0.229% |
| 359 | 20.675 | 20.654 | 20.731 | HH  | 21195                             | 965752  | 6.49%  | 0.138% |
| 360 | 20.762 | 20.731 | 20.801 | HH  | 21251                             | 887809  | 5.97%  | 0.127% |
| 361 | 20.805 | 20.801 | 20.813 | HH  | 20812                             | 149968  | 1.01%  | 0.021% |
| 362 | 20.828 | 20.813 | 20.856 | HH  | 20855                             | 535606  | 3.60%  | 0.077% |
| 363 | 20.883 | 20.856 | 20.935 | HH  | 20907                             | 977051  | 6.56%  | 0.140% |
| 364 | 20.978 | 20.935 | 21.025 | HH  | 21257                             | 1128987 | 7.59%  | 0.162% |
| 365 | 21.049 | 21.025 | 21.075 | HH  | 20929                             | 624758  | 4.20%  | 0.089% |
| 366 | 21.090 | 21.075 | 21.141 | HH  | 20800                             | 830809  | 5.58%  | 0.119% |
| 367 | 21.152 | 21.141 | 21.166 | HH  | 20827                             | 310803  | 2.09%  | 0.044% |
| 368 | 21.175 | 21.166 | 21.195 | HH  | 20782                             | 362232  | 2.43%  | 0.052% |
| 369 | 21.233 | 21.195 | 21.298 | HH  | 20850                             | 1274482 | 8.56%  | 0.182% |
| 370 | 21.347 | 21.298 | 21.401 | HH  | 20746                             | 1273604 | 8.56%  | 0.182% |
| 371 | 21.420 | 21.401 | 21.478 | HH  | 20542                             | 942124  | 6.33%  | 0.135% |
| 372 | 21.489 | 21.478 | 21.498 | HH  | 20240                             | 235797  | 1.58%  | 0.034% |
| 373 | 21.529 | 21.498 | 21.768 | HH  | 20251                             | 3224392 | 21.66% | 0.462% |
| 374 | 21.779 | 21.768 | 21.815 | HH  | 19461                             | 545621  | 3.67%  | 0.078% |
| 375 | 21.826 | 21.815 | 21.878 | HH  | 19365                             | 731893  | 4.92%  | 0.105% |
| 376 | 21.885 | 21.878 | 21.903 | HH  | 19459                             | 292989  | 1.97%  | 0.042% |
| 377 | 21.942 | 21.903 | 21.980 | HH  | 19694                             | 903688  | 6.07%  | 0.129% |
| 378 | 22.011 | 21.980 | 22.041 | HHA | 19806                             | 742695  | 4.99%  | 0.106% |
|     |        |        |        |     | Sum of corrected areas: 698509306 |         |        |        |

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