

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG103119\  
 Data File : FG006231.D  
 Signal(s) : FID1A.ch  
 Acq On : 31 Oct 2019 20:46  
 Sample : K5147-08 10X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG103019.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         | 4.364       | 4.345        | 4.412      | BH       | 268            | 2242         | 0.01%          | 0.001%        |
| 2         | 4.429       | 4.412        | 4.446      | PH       | 1611           | 13389        | 0.07%          | 0.006%        |
| 3         | 4.457       | 4.446        | 4.476      | HH       | 253            | 2207         | 0.01%          | 0.001%        |
| 4         | 4.538       | 4.476        | 4.585      | PH       | 5766           | 53143        | 0.26%          | 0.025%        |
| 5         | 4.609       | 4.585        | 4.686      | PH       | 3208           | 43987        | 0.21%          | 0.020%        |
| 6         | 4.704       | 4.686        | 4.714      | HH       | 177            | 1573         | 0.01%          | 0.001%        |
| 7         | 4.757       | 4.714        | 4.792      | PH       | 1834           | 35910        | 0.18%          | 0.017%        |
| 8         | 4.795       | 4.792        | 4.812      | HH       | 128            | 396          | 0.00%          | 0.000%        |
| 9         | 4.830       | 4.812        | 4.895      | PH       | 1223           | 10889        | 0.05%          | 0.005%        |
| 10        | 4.908       | 4.895        | 4.928      | PH       | 69             | -365         | -0.00%         | -0.000%       |
| 11        | 4.976       | 4.928        | 5.001      | PH       | 2178           | 24088        | 0.12%          | 0.011%        |
| 12        | 5.028       | 5.001        | 5.050      | HH       | 517            | 7296         | 0.04%          | 0.003%        |
| 13        | 5.073       | 5.050        | 5.133      | PH       | 948            | 12342        | 0.06%          | 0.006%        |
| 14        | 5.161       | 5.133        | 5.184      | PH       | 264            | 410          | 0.00%          | 0.000%        |
| 15        | 5.223       | 5.184        | 5.243      | PH       | 768            | 7511         | 0.04%          | 0.003%        |
| 16        | 5.283       | 5.243        | 5.361      | PH       | 210            | -3520        | -0.02%         | -0.002%       |
| 17        | 5.407       | 5.361        | 5.424      | PH       | 1571           | 16481        | 0.08%          | 0.008%        |
| 18        | 5.439       | 5.424        | 5.502      | HH       | 1815           | 12183        | 0.06%          | 0.006%        |
| 19        | 5.524       | 5.502        | 5.541      | PH       | -18            | -2426        | -0.01%         | -0.001%       |
| 20        | 5.595       | 5.541        | 5.638      | PH       | 1598           | 12513        | 0.06%          | 0.006%        |
| 21        | 5.689       | 5.638        | 5.706      | PH       | 5818           | 96875        | 0.47%          | 0.045%        |
| 22        | 5.714       | 5.706        | 5.723      | HH       | 1221           | 10816        | 0.05%          | 0.005%        |
| 23        | 5.736       | 5.723        | 5.756      | HH       | 2199           | 22940        | 0.11%          | 0.011%        |
| 24        | 5.788       | 5.756        | 5.835      | HH       | 700            | 13386        | 0.07%          | 0.006%        |
| 25        | 5.873       | 5.835        | 5.893      | PH       | 2427           | 26606        | 0.13%          | 0.012%        |
| 26        | 5.909       | 5.893        | 5.928      | HH       | 848            | 8410         | 0.04%          | 0.004%        |
| 27        | 5.958       | 5.928        | 5.991      | HH       | 185439         | 1679422      | 8.19%          | 0.778%        |
| 28        | 6.010       | 5.991        | 6.055      | HH       | 5937           | 56048        | 0.27%          | 0.026%        |
| 29        | 6.076       | 6.055        | 6.107      | PH       | 1155           | 17760        | 0.09%          | 0.008%        |
| 30        | 6.122       | 6.107        | 6.142      | HH       | 556            | 5541         | 0.03%          | 0.003%        |
| 31        | 6.168       | 6.142        | 6.183      | HH       | 1077           | 12639        | 0.06%          | 0.006%        |
| 32        | 6.194       | 6.183        | 6.223      | HH       | 516            | 7349         | 0.04%          | 0.003%        |
| 33        | 6.240       | 6.223        | 6.253      | HH       | 325            | 2884         | 0.01%          | 0.001%        |
| 34        | 6.296       | 6.253        | 6.306      | PH       | 480            | 9113         | 0.04%          | 0.004%        |
| 35        | 6.311       | 6.306        | 6.328      | HH       | 444            | 4378         | 0.02%          | 0.002%        |
| 36        | 6.351       | 6.328        | 6.374      | HH       | 1773           | 19984        | 0.10%          | 0.009%        |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 37     | 6.395 | 6.374 | 6.472 | HH | 28018  | 345791  | 1.69%  | 0.160% |
| 38     | 6.506 | 6.472 | 6.535 | HH | 2303   | 33835   | 0.17%  | 0.016% |
| 39     | 6.552 | 6.535 | 6.584 | HH | 1670   | 17096   | 0.08%  | 0.008% |
| 40     | 6.603 | 6.584 | 6.634 | PH | 5721   | 72612   | 0.35%  | 0.034% |
| 41     | 6.648 | 6.634 | 6.667 | HH | 2065   | 20602   | 0.10%  | 0.010% |
| 42     | 6.708 | 6.667 | 6.734 | HH | 4348   | 52731   | 0.26%  | 0.024% |
| 43     | 6.769 | 6.734 | 6.789 | HH | 5025   | 60136   | 0.29%  | 0.028% |
| 44     | 6.813 | 6.789 | 6.833 | HH | 3140   | 35020   | 0.17%  | 0.016% |
| 45     | 6.849 | 6.833 | 6.863 | HH | 451    | 5749    | 0.03%  | 0.003% |
| 46     | 6.886 | 6.863 | 6.896 | HH | 10399  | 98039   | 0.48%  | 0.045% |
| 47     | 6.905 | 6.896 | 6.959 | HH | 9656   | 125453  | 0.61%  | 0.058% |
| 48     | 6.995 | 6.959 | 7.020 | HH | 518304 | 4745562 | 23.16% | 2.197% |
| 49     | 7.040 | 7.020 | 7.053 | HH | 6637   | 93108   | 0.45%  | 0.043% |
| 50     | 7.064 | 7.053 | 7.075 | HH | 7746   | 79211   | 0.39%  | 0.037% |
| 51     | 7.085 | 7.075 | 7.103 | HH | 6813   | 77771   | 0.38%  | 0.036% |
| 52     | 7.128 | 7.103 | 7.165 | HH | 304190 | 2822966 | 13.77% | 1.307% |
| 53     | 7.180 | 7.165 | 7.227 | HH | 2309   | 43672   | 0.21%  | 0.020% |
| 54     | 7.257 | 7.227 | 7.287 | HH | 2869   | 42920   | 0.21%  | 0.020% |
| 55     | 7.301 | 7.287 | 7.313 | HH | 353    | 4056    | 0.02%  | 0.002% |
| 56     | 7.343 | 7.313 | 7.405 | HH | 2323   | 57641   | 0.28%  | 0.027% |
| 57     | 7.436 | 7.405 | 7.464 | HH | 4939   | 68089   | 0.33%  | 0.032% |
| 58     | 7.482 | 7.464 | 7.534 | HH | 4892   | 68980   | 0.34%  | 0.032% |
| 59     | 7.554 | 7.534 | 7.574 | HH | 806    | 11718   | 0.06%  | 0.005% |
| 60     | 7.592 | 7.574 | 7.615 | HH | 1413   | 19170   | 0.09%  | 0.009% |
| 61     | 7.633 | 7.615 | 7.652 | HH | 3261   | 35513   | 0.17%  | 0.016% |
| 62     | 7.712 | 7.652 | 7.737 | HH | 117703 | 1146014 | 5.59%  | 0.531% |
| 63     | 7.749 | 7.737 | 7.781 | HH | 2376   | 37078   | 0.18%  | 0.017% |
| 64     | 7.806 | 7.781 | 7.830 | HH | 1965   | 35852   | 0.17%  | 0.017% |
| 65     | 7.858 | 7.830 | 7.888 | HH | 34009  | 379946  | 1.85%  | 0.176% |
| 66     | 7.906 | 7.888 | 7.920 | HH | 3317   | 43079   | 0.21%  | 0.020% |
| 67     | 7.965 | 7.920 | 8.013 | HH | 45910  | 870326  | 4.25%  | 0.403% |
| 68     | 8.071 | 8.013 | 8.086 | HH | 81555  | 921304  | 4.50%  | 0.427% |
| 69     | 8.097 | 8.086 | 8.128 | HH | 50632  | 515909  | 2.52%  | 0.239% |
| 70     | 8.138 | 8.128 | 8.168 | HH | 3740   | 51792   | 0.25%  | 0.024% |
| 71     | 8.228 | 8.168 | 8.316 | HH | 31769  | 682448  | 3.33%  | 0.316% |
| 72     | 8.342 | 8.316 | 8.367 | HH | 15296  | 163655  | 0.80%  | 0.076% |
| 73     | 8.385 | 8.367 | 8.412 | HH | 2390   | 30348   | 0.15%  | 0.014% |
| 74     | 8.462 | 8.412 | 8.476 | HH | 1111   | 27210   | 0.13%  | 0.013% |
| 75     | 8.504 | 8.476 | 8.524 | HH | 23375  | 245944  | 1.20%  | 0.114% |
| 76     | 8.552 | 8.524 | 8.574 | HH | 489110 | 4740448 | 23.13% | 2.195% |
| 77     | 8.591 | 8.574 | 8.620 | HH | 34779  | 354032  | 1.73%  | 0.164% |
| 78     | 8.660 | 8.620 | 8.675 | HH | 12375  | 150616  | 0.73%  | 0.070% |
| 79     | 8.690 | 8.675 | 8.717 | HH | 13030  | 142177  | 0.69%  | 0.066% |
| 80     | 8.783 | 8.717 | 8.798 | HH | 23124  | 351026  | 1.71%  | 0.163% |
| 81     | 8.822 | 8.798 | 8.865 | HH | 300669 | 2972545 | 14.50% | 1.376% |
| 82     | 8.875 | 8.865 | 8.884 | HH | 1849   | 20711   | 0.10%  | 0.010% |
| 83     | 8.902 | 8.884 | 8.915 | HH | 4055   | 54260   | 0.26%  | 0.025% |
| 84     | 8.943 | 8.915 | 8.961 | HH | 11245  | 150231  | 0.73%  | 0.070% |
| 85     | 8.982 | 8.961 | 9.002 | HH | 13840  | 156116  | 0.76%  | 0.072% |
| 86     | 9.015 | 9.002 | 9.057 | HH | 2305   | 37590   | 0.18%  | 0.017% |
| 87     | 9.098 | 9.057 | 9.113 | HH | 11026  | 128319  | 0.63%  | 0.059% |
| 88     | 9.127 | 9.113 | 9.152 | HH | 11095  | 117355  | 0.57%  | 0.054% |
| 89     | 9.185 | 9.152 | 9.197 | HH | 1643   | 26385   | 0.13%  | 0.012% |

|     |        |        |        |    |         |          |         |        |
|-----|--------|--------|--------|----|---------|----------|---------|--------|
|     |        |        |        |    | rteres  |          |         |        |
| 90  | 9.233  | 9.197  | 9.256  | HH | 11760   | 174242   | 0.85%   | 0.081% |
| 91  | 9.276  | 9.256  | 9.288  | HH | 3073    | 39820    | 0.19%   | 0.018% |
| 92  | 9.324  | 9.288  | 9.367  | HH | 452898  | 4487454  | 21.90%  | 2.078% |
| 93  | 9.395  | 9.367  | 9.423  | HH | 11286   | 233764   | 1.14%   | 0.108% |
| 94  | 9.436  | 9.423  | 9.448  | HH | 14880   | 154588   | 0.75%   | 0.072% |
| 95  | 9.468  | 9.448  | 9.508  | HH | 47464   | 682201   | 3.33%   | 0.316% |
| 96  | 9.527  | 9.508  | 9.565  | HH | 33057   | 390609   | 1.91%   | 0.181% |
| 97  | 9.584  | 9.565  | 9.613  | HH | 4533    | 82435    | 0.40%   | 0.038% |
| 98  | 9.639  | 9.613  | 9.668  | HH | 51829   | 545911   | 2.66%   | 0.253% |
| 99  | 9.686  | 9.668  | 9.709  | HH | 10776   | 138804   | 0.68%   | 0.064% |
| 100 | 9.737  | 9.709  | 9.781  | HH | 66251   | 841232   | 4.10%   | 0.390% |
| 101 | 9.798  | 9.781  | 9.814  | HH | 10172   | 109518   | 0.53%   | 0.051% |
| 102 | 9.830  | 9.814  | 9.852  | HH | 6062    | 81848    | 0.40%   | 0.038% |
| 103 | 9.862  | 9.852  | 9.870  | HH | 1635    | 16466    | 0.08%   | 0.008% |
| 104 | 9.905  | 9.870  | 9.935  | HH | 4144    | 99321    | 0.48%   | 0.046% |
| 105 | 9.947  | 9.935  | 9.968  | HH | 998     | 14805    | 0.07%   | 0.007% |
| 106 | 9.996  | 9.968  | 10.016 | HH | 2386    | 36484    | 0.18%   | 0.017% |
| 107 | 10.045 | 10.016 | 10.061 | HH | 3474    | 50768    | 0.25%   | 0.024% |
| 108 | 10.073 | 10.061 | 10.088 | HH | 2183    | 28338    | 0.14%   | 0.013% |
| 109 | 10.110 | 10.088 | 10.136 | HH | 6375    | 98005    | 0.48%   | 0.045% |
| 110 | 10.188 | 10.136 | 10.206 | HH | 43218   | 649774   | 3.17%   | 0.301% |
| 111 | 10.225 | 10.206 | 10.259 | HH | 24007   | 339037   | 1.65%   | 0.157% |
| 112 | 10.305 | 10.259 | 10.341 | HH | 25669   | 429634   | 2.10%   | 0.199% |
| 113 | 10.363 | 10.341 | 10.405 | HH | 33613   | 482131   | 2.35%   | 0.223% |
| 114 | 10.431 | 10.405 | 10.448 | HH | 5407    | 107646   | 0.53%   | 0.050% |
| 115 | 10.473 | 10.448 | 10.484 | HH | 17068   | 216899   | 1.06%   | 0.100% |
| 116 | 10.512 | 10.484 | 10.552 | HH | 87191   | 1361918  | 6.65%   | 0.631% |
| 117 | 10.607 | 10.552 | 10.626 | HH | 16182   | 310138   | 1.51%   | 0.144% |
| 118 | 10.642 | 10.626 | 10.658 | HH | 7297    | 103878   | 0.51%   | 0.048% |
| 119 | 10.725 | 10.658 | 10.761 | HH | 1561073 | 20494358 | 100.00% | 9.489% |
| 120 | 10.788 | 10.761 | 10.840 | HH | 505200  | 5467293  | 26.68%  | 2.531% |
| 121 | 10.861 | 10.840 | 10.898 | HH | 13796   | 255579   | 1.25%   | 0.118% |
| 122 | 10.908 | 10.898 | 10.927 | HH | 5127    | 72051    | 0.35%   | 0.033% |
| 123 | 10.954 | 10.927 | 10.978 | HH | 39919   | 462599   | 2.26%   | 0.214% |
| 124 | 11.015 | 10.978 | 11.038 | HH | 240125  | 2483913  | 12.12%  | 1.150% |
| 125 | 11.056 | 11.038 | 11.073 | HH | 5327    | 90112    | 0.44%   | 0.042% |
| 126 | 11.117 | 11.073 | 11.133 | HH | 14763   | 313651   | 1.53%   | 0.145% |
| 127 | 11.154 | 11.133 | 11.184 | HH | 19090   | 345042   | 1.68%   | 0.160% |
| 128 | 11.238 | 11.184 | 11.267 | HH | 60734   | 1057678  | 5.16%   | 0.490% |
| 129 | 11.291 | 11.267 | 11.314 | HH | 19140   | 282654   | 1.38%   | 0.131% |
| 130 | 11.348 | 11.314 | 11.370 | HH | 17318   | 304826   | 1.49%   | 0.141% |
| 131 | 11.388 | 11.370 | 11.405 | HH | 7108    | 116570   | 0.57%   | 0.054% |
| 132 | 11.419 | 11.405 | 11.428 | HH | 5437    | 66372    | 0.32%   | 0.031% |
| 133 | 11.448 | 11.428 | 11.470 | HH | 15225   | 244485   | 1.19%   | 0.113% |
| 134 | 11.497 | 11.470 | 11.512 | HH | 114046  | 1271587  | 6.20%   | 0.589% |
| 135 | 11.528 | 11.512 | 11.565 | HH | 147904  | 1749927  | 8.54%   | 0.810% |
| 136 | 11.616 | 11.565 | 11.658 | HH | 202933  | 3408388  | 16.63%  | 1.578% |
| 137 | 11.675 | 11.658 | 11.711 | HH | 82537   | 1041681  | 5.08%   | 0.482% |
| 138 | 11.734 | 11.711 | 11.751 | HH | 18282   | 251485   | 1.23%   | 0.116% |
| 139 | 11.769 | 11.751 | 11.818 | HH | 27924   | 482533   | 2.35%   | 0.223% |
| 140 | 11.857 | 11.818 | 11.937 | HH | 52952   | 1062026  | 5.18%   | 0.492% |
| 141 | 11.964 | 11.937 | 12.009 | HH | 85280   | 1186926  | 5.79%   | 0.550% |

|     |        |        |        |    | rteres  |          |        |        |
|-----|--------|--------|--------|----|---------|----------|--------|--------|
| 142 | 12.023 | 12.009 | 12.040 | HH | 8646    | 151688   | 0.74%  | 0.070% |
| 143 | 12.051 | 12.040 | 12.082 | HH | 8595    | 171315   | 0.84%  | 0.079% |
| 144 | 12.103 | 12.082 | 12.120 | HH | 14039   | 212205   | 1.04%  | 0.098% |
| 145 | 12.138 | 12.120 | 12.176 | HH | 9557    | 266422   | 1.30%  | 0.123% |
|     |        |        |        |    |         |          |        |        |
| 146 | 12.205 | 12.176 | 12.218 | HH | 16036   | 264742   | 1.29%  | 0.123% |
| 147 | 12.231 | 12.218 | 12.251 | HH | 15750   | 245883   | 1.20%  | 0.114% |
| 148 | 12.272 | 12.251 | 12.316 | HH | 25609   | 550500   | 2.69%  | 0.255% |
| 149 | 12.349 | 12.316 | 12.367 | HH | 23574   | 410878   | 2.00%  | 0.190% |
| 150 | 12.388 | 12.367 | 12.408 | HH | 41059   | 605157   | 2.95%  | 0.280% |
|     |        |        |        |    |         |          |        |        |
| 151 | 12.427 | 12.408 | 12.442 | HH | 19928   | 371421   | 1.81%  | 0.172% |
| 152 | 12.454 | 12.442 | 12.475 | HH | 20255   | 337619   | 1.65%  | 0.156% |
| 153 | 12.522 | 12.475 | 12.550 | HH | 1225224 | 16919547 | 82.56% | 7.834% |
| 154 | 12.572 | 12.550 | 12.606 | HH | 26111   | 420116   | 2.05%  | 0.195% |
| 155 | 12.627 | 12.606 | 12.639 | HH | 11079   | 183773   | 0.90%  | 0.085% |
|     |        |        |        |    |         |          |        |        |
| 156 | 12.662 | 12.639 | 12.671 | HH | 23527   | 316888   | 1.55%  | 0.147% |
| 157 | 12.690 | 12.671 | 12.706 | HH | 48959   | 703720   | 3.43%  | 0.326% |
| 158 | 12.716 | 12.706 | 12.756 | HH | 26768   | 549366   | 2.68%  | 0.254% |
| 159 | 12.766 | 12.756 | 12.774 | HH | 10111   | 99505    | 0.49%  | 0.046% |
| 160 | 12.816 | 12.774 | 12.837 | HH | 954476  | 12276455 | 59.90% | 5.684% |
|     |        |        |        |    |         |          |        |        |
| 161 | 12.858 | 12.837 | 12.874 | HH | 157366  | 1772816  | 8.65%  | 0.821% |
| 162 | 12.890 | 12.874 | 12.927 | HH | 135703  | 1865910  | 9.10%  | 0.864% |
| 163 | 12.940 | 12.927 | 12.951 | HH | 10452   | 134573   | 0.66%  | 0.062% |
| 164 | 12.973 | 12.951 | 12.984 | HH | 44746   | 533409   | 2.60%  | 0.247% |
| 165 | 13.001 | 12.984 | 13.026 | HH | 70047   | 978308   | 4.77%  | 0.453% |
|     |        |        |        |    |         |          |        |        |
| 166 | 13.064 | 13.026 | 13.093 | HH | 69336   | 971086   | 4.74%  | 0.450% |
| 167 | 13.118 | 13.093 | 13.136 | HH | 15230   | 268937   | 1.31%  | 0.125% |
| 168 | 13.157 | 13.136 | 13.173 | HH | 46128   | 576602   | 2.81%  | 0.267% |
| 169 | 13.193 | 13.173 | 13.224 | HH | 53104   | 833593   | 4.07%  | 0.386% |
| 170 | 13.250 | 13.224 | 13.276 | HH | 56938   | 941582   | 4.59%  | 0.436% |
|     |        |        |        |    |         |          |        |        |
| 171 | 13.286 | 13.276 | 13.315 | HH | 10482   | 195046   | 0.95%  | 0.090% |
| 172 | 13.383 | 13.315 | 13.424 | HH | 216569  | 3323506  | 16.22% | 1.539% |
| 173 | 13.445 | 13.424 | 13.461 | HH | 19139   | 311579   | 1.52%  | 0.144% |
| 174 | 13.490 | 13.461 | 13.512 | HH | 181555  | 2464576  | 12.03% | 1.141% |
| 175 | 13.527 | 13.512 | 13.548 | HH | 71006   | 893178   | 4.36%  | 0.414% |
|     |        |        |        |    |         |          |        |        |
| 176 | 13.568 | 13.548 | 13.593 | HH | 58025   | 874337   | 4.27%  | 0.405% |
| 177 | 13.654 | 13.593 | 13.676 | HH | 58670   | 1611044  | 7.86%  | 0.746% |
| 178 | 13.695 | 13.676 | 13.732 | HH | 54237   | 891923   | 4.35%  | 0.413% |
| 179 | 13.768 | 13.732 | 13.786 | HH | 22737   | 564760   | 2.76%  | 0.261% |
| 180 | 13.806 | 13.786 | 13.829 | HH | 17370   | 385480   | 1.88%  | 0.178% |
|     |        |        |        |    |         |          |        |        |
| 181 | 13.875 | 13.829 | 13.892 | HH | 18447   | 570516   | 2.78%  | 0.264% |
| 182 | 13.901 | 13.892 | 13.913 | HH | 17420   | 216359   | 1.06%  | 0.100% |
| 183 | 13.927 | 13.913 | 13.964 | HH | 19904   | 476167   | 2.32%  | 0.220% |
| 184 | 13.975 | 13.964 | 13.996 | HH | 12884   | 211619   | 1.03%  | 0.098% |
| 185 | 14.013 | 13.996 | 14.023 | HH | 10633   | 157165   | 0.77%  | 0.073% |
|     |        |        |        |    |         |          |        |        |
| 186 | 14.065 | 14.023 | 14.092 | HH | 43141   | 1072345  | 5.23%  | 0.497% |
| 187 | 14.109 | 14.092 | 14.145 | HH | 37271   | 708322   | 3.46%  | 0.328% |
| 188 | 14.173 | 14.145 | 14.192 | HH | 27349   | 631515   | 3.08%  | 0.292% |
| 189 | 14.207 | 14.192 | 14.255 | HH | 29385   | 757447   | 3.70%  | 0.351% |
| 190 | 14.286 | 14.255 | 14.317 | HH | 86187   | 1455238  | 7.10%  | 0.674% |
|     |        |        |        |    |         |          |        |        |
| 191 | 14.351 | 14.317 | 14.374 | HH | 138826  | 2100218  | 10.25% | 0.972% |
| 192 | 14.393 | 14.374 | 14.403 | HH | 56709   | 741299   | 3.62%  | 0.343% |
| 193 | 14.411 | 14.403 | 14.438 | HH | 54512   | 729328   | 3.56%  | 0.338% |
| 194 | 14.470 | 14.438 | 14.492 | HH | 34294   | 719766   | 3.51%  | 0.333% |

|     |        |        |        |     |                         |           |        |        |
|-----|--------|--------|--------|-----|-------------------------|-----------|--------|--------|
|     |        |        |        |     | rteres                  |           |        |        |
| 195 | 14.530 | 14.492 | 14.576 | HH  | 40429                   | 1242743   | 6.06%  | 0.575% |
| 196 | 14.583 | 14.576 | 14.595 | HH  | 14487                   | 160510    | 0.78%  | 0.074% |
| 197 | 14.618 | 14.595 | 14.634 | HH  | 42530                   | 670410    | 3.27%  | 0.310% |
| 198 | 14.668 | 14.634 | 14.688 | HH  | 504436                  | 7110435   | 34.69% | 3.292% |
| 199 | 14.712 | 14.688 | 14.770 | HH  | 494487                  | 6514489   | 31.79% | 3.016% |
| 200 | 14.824 | 14.770 | 14.869 | HH  | 155386                  | 2838623   | 13.85% | 1.314% |
| 201 | 14.911 | 14.869 | 14.936 | HH  | 68779                   | 1347038   | 6.57%  | 0.624% |
| 202 | 14.972 | 14.936 | 14.988 | HH  | 74954                   | 1264112   | 6.17%  | 0.585% |
| 203 | 14.999 | 14.988 | 15.013 | HH  | 48346                   | 638530    | 3.12%  | 0.296% |
| 204 | 15.026 | 15.013 | 15.047 | HH  | 44651                   | 746554    | 3.64%  | 0.346% |
| 205 | 15.060 | 15.047 | 15.073 | HH  | 27197                   | 393935    | 1.92%  | 0.182% |
| 206 | 15.093 | 15.073 | 15.167 | HH  | 29897                   | 1300304   | 6.34%  | 0.602% |
| 207 | 15.193 | 15.167 | 15.205 | HH  | 20355                   | 415513    | 2.03%  | 0.192% |
| 208 | 15.223 | 15.205 | 15.250 | HH  | 22964                   | 583964    | 2.85%  | 0.270% |
| 209 | 15.276 | 15.250 | 15.293 | HH  | 34197                   | 725025    | 3.54%  | 0.336% |
| 210 | 15.322 | 15.293 | 15.343 | HH  | 92982                   | 1548610   | 7.56%  | 0.717% |
| 211 | 15.360 | 15.343 | 15.383 | HH  | 52324                   | 913417    | 4.46%  | 0.423% |
| 212 | 15.407 | 15.383 | 15.441 | HH  | 55684                   | 1204955   | 5.88%  | 0.558% |
| 213 | 15.484 | 15.441 | 15.527 | HH  | 90503                   | 2611994   | 12.74% | 1.209% |
| 214 | 15.555 | 15.527 | 15.585 | HH  | 45578                   | 1096887   | 5.35%  | 0.508% |
| 215 | 15.596 | 15.585 | 15.617 | HH  | 23500                   | 402355    | 1.96%  | 0.186% |
| 216 | 15.642 | 15.617 | 15.660 | HH  | 35975                   | 671722    | 3.28%  | 0.311% |
| 217 | 15.680 | 15.660 | 15.700 | HH  | 44350                   | 743083    | 3.63%  | 0.344% |
| 218 | 15.745 | 15.700 | 15.772 | HH  | 32483                   | 1110629   | 5.42%  | 0.514% |
| 219 | 15.784 | 15.772 | 15.795 | HH  | 19278                   | 260261    | 1.27%  | 0.121% |
| 220 | 15.816 | 15.795 | 15.833 | HH  | 26090                   | 488634    | 2.38%  | 0.226% |
| 221 | 15.847 | 15.833 | 15.865 | HH  | 22429                   | 399928    | 1.95%  | 0.185% |
| 222 | 15.880 | 15.865 | 15.889 | HH  | 21343                   | 301827    | 1.47%  | 0.140% |
| 223 | 15.912 | 15.889 | 15.932 | HH  | 29372                   | 674842    | 3.29%  | 0.312% |
| 224 | 15.945 | 15.932 | 15.965 | HH  | 27106                   | 474097    | 2.31%  | 0.220% |
| 225 | 15.992 | 15.965 | 16.041 | HH  | 44314                   | 1347182   | 6.57%  | 0.624% |
| 226 | 16.061 | 16.041 | 16.072 | HH  | 27122                   | 473274    | 2.31%  | 0.219% |
| 227 | 16.116 | 16.072 | 16.164 | HH  | 44036                   | 1725965   | 8.42%  | 0.799% |
| 228 | 16.215 | 16.164 | 16.269 | HH  | 421846                  | 9877093   | 48.19% | 4.573% |
| 229 | 16.284 | 16.269 | 16.299 | HH  | 27415                   | 465206    | 2.27%  | 0.215% |
| 230 | 16.335 | 16.299 | 16.356 | HH  | 116327                  | 1924897   | 9.39%  | 0.891% |
| 231 | 16.369 | 16.356 | 16.386 | HH  | 40907                   | 640930    | 3.13%  | 0.297% |
| 232 | 16.396 | 16.386 | 16.412 | HH  | 30954                   | 460437    | 2.25%  | 0.213% |
| 233 | 16.427 | 16.412 | 16.438 | HH  | 31789                   | 462516    | 2.26%  | 0.214% |
| 234 | 16.454 | 16.438 | 16.470 | HH  | 41088                   | 695344    | 3.39%  | 0.322% |
| 235 | 16.534 | 16.470 | 16.558 | HH  | 298161                  | 5597078   | 27.31% | 2.592% |
| 236 | 16.591 | 16.558 | 16.632 | HH  | 390655                  | 6171507   | 30.11% | 2.858% |
| 237 | 16.653 | 16.632 | 16.662 | HHA | 36801                   | 623142    | 3.04%  | 0.289% |
|     |        |        |        |     | Sum of corrected areas: | 215970709 |        |        |

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