

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG060623\  
 Data File : FG012112.D  
 Signal(s) : FID1A.ch  
 Acq On : 06 Jun 2023 16:20  
 Sample : 03044-07  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG060223.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         | 4.535       | 4.500        | 4.560      | BH       | 1246           | 12286        | 0.20%          | 0.009%        |
| 2         | 4.577       | 4.560        | 4.595      | HH       | 344            | 3663         | 0.06%          | 0.003%        |
| 3         | 4.617       | 4.595        | 4.642      | PH       | 314            | 4630         | 0.08%          | 0.003%        |
| 4         | 4.654       | 4.642        | 4.658      | HH       | 202            | 1567         | 0.03%          | 0.001%        |
| 5         | 4.664       | 4.658        | 4.680      | HH       | 240            | 2270         | 0.04%          | 0.002%        |
| 6         | 4.713       | 4.680        | 4.741      | HH       | 945            | 16511        | 0.27%          | 0.012%        |
| 7         | 4.745       | 4.741        | 4.756      | HH       | 394            | 3283         | 0.05%          | 0.002%        |
| 8         | 4.770       | 4.756        | 4.802      | HH       | 798            | 15174        | 0.25%          | 0.011%        |
| 9         | 4.819       | 4.802        | 4.838      | HH       | 677            | 8973         | 0.15%          | 0.007%        |
| 10        | 4.847       | 4.838        | 4.852      | HH       | 436            | 3005         | 0.05%          | 0.002%        |
| 11        | 4.857       | 4.852        | 4.882      | HH       | 386            | 5674         | 0.09%          | 0.004%        |
| 12        | 4.888       | 4.882        | 4.891      | HH       | 264            | 1356         | 0.02%          | 0.001%        |
| 13        | 4.898       | 4.891        | 4.914      | HH       | 288            | 3363         | 0.06%          | 0.003%        |
| 14        | 4.929       | 4.914        | 4.941      | HH       | 460            | 6272         | 0.10%          | 0.005%        |
| 15        | 4.955       | 4.941        | 4.974      | HH       | 585            | 8723         | 0.15%          | 0.006%        |
| 16        | 4.999       | 4.974        | 5.011      | HH       | 498            | 9158         | 0.15%          | 0.007%        |
| 17        | 5.019       | 5.011        | 5.027      | HH       | 333            | 2986         | 0.05%          | 0.002%        |
| 18        | 5.046       | 5.027        | 5.084      | HH       | 648            | 12833        | 0.21%          | 0.010%        |
| 19        | 5.096       | 5.084        | 5.106      | HH       | 322            | 3267         | 0.05%          | 0.002%        |
| 20        | 5.112       | 5.106        | 5.136      | HH       | 259            | 3634         | 0.06%          | 0.003%        |
| 21        | 5.208       | 5.136        | 5.228      | HH       | 480            | 15841        | 0.26%          | 0.012%        |
| 22        | 5.251       | 5.228        | 5.271      | HH       | 612            | 12092        | 0.20%          | 0.009%        |
| 23        | 5.289       | 5.271        | 5.308      | HH       | 715            | 11662        | 0.19%          | 0.009%        |
| 24        | 5.318       | 5.308        | 5.335      | HH       | 523            | 7291         | 0.12%          | 0.005%        |
| 25        | 5.359       | 5.335        | 5.387      | HH       | 937            | 19336        | 0.32%          | 0.014%        |
| 26        | 5.391       | 5.387        | 5.397      | HH       | 491            | 2691         | 0.04%          | 0.002%        |
| 27        | 5.421       | 5.397        | 5.435      | HH       | 525            | 10155        | 0.17%          | 0.008%        |
| 28        | 5.454       | 5.435        | 5.464      | HH       | 485            | 7791         | 0.13%          | 0.006%        |
| 29        | 5.482       | 5.464        | 5.507      | HH       | 3008           | 40723        | 0.68%          | 0.030%        |
| 30        | 5.519       | 5.507        | 5.534      | HH       | 849            | 12563        | 0.21%          | 0.009%        |
| 31        | 5.548       | 5.534        | 5.583      | HH       | 767            | 17594        | 0.29%          | 0.013%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 32 | 5.589 | 5.583 | 5.595 | HH | 509    | 3159  | 0.05% | 0.002% |
| 33 | 5.616 | 5.595 | 5.632 | HH | 819    | 13159 | 0.22% | 0.010% |
| 34 | 5.638 | 5.632 | 5.654 | HH | 503    | 6486  | 0.11% | 0.005% |
| 35 | 5.674 | 5.654 | 5.731 | HH | 2137   | 44084 | 0.73% | 0.033% |
| 36 | 5.744 | 5.731 | 5.765 | HH | 705    | 12074 | 0.20% | 0.009% |
| 37 | 5.773 | 5.765 | 5.777 | HH | 500    | 3491  | 0.06% | 0.003% |
| 38 | 5.800 | 5.777 | 5.833 | HH | 887    | 22109 | 0.37% | 0.016% |
| 39 | 5.865 | 5.833 | 5.902 | HH | 960    | 28572 | 0.48% | 0.021% |
| 40 | 5.930 | 5.902 | 5.933 | HH | 861    | 12598 | 0.21% | 0.009% |
| 41 | 5.938 | 5.933 | 5.956 | HH | 876    | 11358 | 0.19% | 0.008% |
| 42 | 5.969 | 5.956 | 5.974 | HH | 963    | 10277 | 0.17% | 0.008% |
| 43 | 5.988 | 5.974 | 6.003 | HH | 1091   | 17045 | 0.28% | 0.013% |
| 44 | 6.013 | 6.003 | 6.018 | HH | 944    | 8243  | 0.14% | 0.006% |
| 45 | 6.022 | 6.018 | 6.049 | HH | 908    | 14238 | 0.24% | 0.011% |
| 46 | 6.061 | 6.049 | 6.076 | HH | 798    | 11345 | 0.19% | 0.008% |
| 47 | 6.095 | 6.076 | 6.101 | HH | 877    | 11685 | 0.19% | 0.009% |
| 48 | 6.106 | 6.101 | 6.133 | HH | 903    | 16379 | 0.27% | 0.012% |
| 49 | 6.156 | 6.133 | 6.175 | HH | 1097   | 22915 | 0.38% | 0.017% |
| 50 | 6.208 | 6.175 | 6.224 | HH | 1007   | 26168 | 0.44% | 0.019% |
| 51 | 6.248 | 6.224 | 6.292 | HH | 5138   | 94274 | 1.57% | 0.070% |
| 52 | 6.299 | 6.292 | 6.328 | HH | 1426   | 24629 | 0.41% | 0.018% |
| 53 | 6.350 | 6.328 | 6.375 | HH | 1189   | 26745 | 0.45% | 0.020% |
| 54 | 6.418 | 6.375 | 6.461 | HH | 1527   | 53518 | 0.89% | 0.040% |
| 55 | 6.493 | 6.461 | 6.515 | HH | 1096   | 30336 | 0.50% | 0.023% |
| 56 | 6.548 | 6.515 | 6.579 | HH | 2357   | 53471 | 0.89% | 0.040% |
| 57 | 6.598 | 6.579 | 6.629 | HH | 1254   | 34490 | 0.57% | 0.026% |
| 58 | 6.633 | 6.629 | 6.638 | HH | 1142   | 6462  | 0.11% | 0.005% |
| 59 | 6.657 | 6.638 | 6.685 | HH | 1421   | 31998 | 0.53% | 0.024% |
| 60 | 6.706 | 6.685 | 6.731 | HH | 2967   | 47140 | 0.78% | 0.035% |
| 61 | 6.744 | 6.731 | 6.755 | HH | 1157   | 15783 | 0.26% | 0.012% |
| 62 | 6.759 | 6.755 | 6.770 | HH | 1066   | 9188  | 0.15% | 0.007% |
| 63 | 6.789 | 6.770 | 6.813 | HH | 1384   | 30832 | 0.51% | 0.023% |
| 64 | 6.825 | 6.813 | 6.841 | HH | 1131   | 17706 | 0.29% | 0.013% |
| 65 | 6.859 | 6.841 | 6.882 | HH | 1893   | 35022 | 0.58% | 0.026% |
| 66 | 6.898 | 6.882 | 6.924 | HH | 1229   | 28246 | 0.47% | 0.021% |
| 67 | 6.935 | 6.924 | 6.951 | HH | 1116   | 17072 | 0.28% | 0.013% |
| 68 | 6.967 | 6.951 | 6.977 | HH | 1123   | 16897 | 0.28% | 0.013% |
| 69 | 6.993 | 6.977 | 7.011 | HH | 1268   | 23168 | 0.39% | 0.017% |
| 70 | 7.036 | 7.011 | 7.083 | HH | 1505   | 57780 | 0.96% | 0.043% |
| 71 | 7.112 | 7.083 | 7.135 | HH | 1552   | 42586 | 0.71% | 0.032% |
| 72 | 7.162 | 7.135 | 7.182 | HH | 1451   | 38407 | 0.64% | 0.029% |
| 73 | 7.205 | 7.182 | 7.229 | HH | 2377   | 56965 | 0.95% | 0.042% |
| 74 | 7.242 | 7.229 | 7.263 | HH | 2067   | 39900 | 0.66% | 0.030% |
| 75 | 7.279 | 7.263 | 7.308 | HH | 2151   | 50232 | 0.84% | 0.037% |
| 76 | 7.344 | 7.308 | 7.372 | HH | 3949   | 92195 | 1.53% | 0.069% |
| 77 | 7.384 | 7.372 | 7.408 | HH | 2155   | 40783 | 0.68% | 0.030% |
| 78 | 7.428 | 7.408 | 7.461 | HH | 2507   | 60478 | 1.01% | 0.045% |
| 79 | 7.480 | 7.461 | 7.505 | HH | 3647   | 62574 | 1.04% | 0.047% |

|     |       |       |       |    |                |        |       |        |
|-----|-------|-------|-------|----|----------------|--------|-------|--------|
| 80  | 7.525 | 7.505 | 7.541 | HH | rteres<br>2510 | 43719  | 0.73% | 0.033% |
| 81  | 7.553 | 7.541 | 7.576 | HH | 1922           | 38309  | 0.64% | 0.028% |
| 82  | 7.580 | 7.576 | 7.585 | HH | 1667           | 8595   | 0.14% | 0.006% |
| 83  | 7.598 | 7.585 | 7.616 | HH | 1836           | 32181  | 0.54% | 0.024% |
| 84  | 7.654 | 7.616 | 7.680 | HH | 3970           | 91361  | 1.52% | 0.068% |
| 85  | 7.689 | 7.680 | 7.695 | HH | 1841           | 16643  | 0.28% | 0.012% |
| 86  | 7.700 | 7.695 | 7.705 | HH | 1820           | 10442  | 0.17% | 0.008% |
| 87  | 7.724 | 7.705 | 7.762 | HH | 1982           | 62407  | 1.04% | 0.046% |
| 88  | 7.785 | 7.762 | 7.798 | HH | 1952           | 38943  | 0.65% | 0.029% |
| 89  | 7.830 | 7.798 | 7.855 | HH | 2204           | 64337  | 1.07% | 0.048% |
| 90  | 7.859 | 7.855 | 7.862 | HH | 1739           | 7278   | 0.12% | 0.005% |
| 91  | 7.886 | 7.862 | 7.897 | HH | 1886           | 37537  | 0.62% | 0.028% |
| 92  | 7.903 | 7.897 | 7.907 | HH | 1795           | 11093  | 0.18% | 0.008% |
| 93  | 7.943 | 7.907 | 7.965 | HH | 2098           | 65090  | 1.08% | 0.048% |
| 94  | 7.968 | 7.965 | 7.977 | HH | 1805           | 12552  | 0.21% | 0.009% |
| 95  | 7.996 | 7.977 | 8.008 | HH | 1986           | 35982  | 0.60% | 0.027% |
| 96  | 8.021 | 8.008 | 8.051 | HH | 2029           | 49188  | 0.82% | 0.037% |
| 97  | 8.084 | 8.051 | 8.103 | HH | 3365           | 80867  | 1.35% | 0.060% |
| 98  | 8.113 | 8.103 | 8.126 | HH | 2696           | 35388  | 0.59% | 0.026% |
| 99  | 8.135 | 8.126 | 8.164 | HH | 2513           | 54285  | 0.90% | 0.040% |
| 100 | 8.181 | 8.164 | 8.201 | HH | 2369           | 49458  | 0.82% | 0.037% |
| 101 | 8.239 | 8.201 | 8.275 | HH | 2903           | 112816 | 1.88% | 0.084% |
| 102 | 8.285 | 8.275 | 8.305 | HH | 2543           | 43325  | 0.72% | 0.032% |
| 103 | 8.317 | 8.305 | 8.326 | HH | 2465           | 30573  | 0.51% | 0.023% |
| 104 | 8.356 | 8.326 | 8.381 | HH | 3767           | 99774  | 1.66% | 0.074% |
| 105 | 8.432 | 8.381 | 8.445 | HH | 3735           | 115443 | 1.92% | 0.086% |
| 106 | 8.460 | 8.445 | 8.477 | HH | 5111           | 78004  | 1.30% | 0.058% |
| 107 | 8.490 | 8.477 | 8.508 | HH | 3870           | 63186  | 1.05% | 0.047% |
| 108 | 8.537 | 8.508 | 8.571 | HH | 5150           | 132414 | 2.20% | 0.098% |
| 109 | 8.579 | 8.571 | 8.599 | HH | 2537           | 41963  | 0.70% | 0.031% |
| 110 | 8.647 | 8.599 | 8.682 | HH | 9142           | 226404 | 3.77% | 0.168% |
| 111 | 8.695 | 8.682 | 8.720 | HH | 3266           | 67709  | 1.13% | 0.050% |
| 112 | 8.738 | 8.720 | 8.761 | HH | 3354           | 73761  | 1.23% | 0.055% |
| 113 | 8.764 | 8.761 | 8.772 | HH | 2796           | 17811  | 0.30% | 0.013% |
| 114 | 8.789 | 8.772 | 8.811 | HH | 2821           | 63895  | 1.06% | 0.048% |
| 115 | 8.822 | 8.811 | 8.846 | HH | 2674           | 54436  | 0.91% | 0.040% |
| 116 | 8.870 | 8.846 | 8.877 | HH | 2929           | 50795  | 0.85% | 0.038% |
| 117 | 8.908 | 8.877 | 8.924 | HH | 3847           | 93832  | 1.56% | 0.070% |
| 118 | 8.945 | 8.924 | 8.978 | HH | 10610          | 181129 | 3.02% | 0.135% |
| 119 | 8.994 | 8.978 | 9.022 | HH | 4250           | 98621  | 1.64% | 0.073% |
| 120 | 9.036 | 9.022 | 9.052 | HH | 3629           | 63581  | 1.06% | 0.047% |
| 121 | 9.078 | 9.052 | 9.105 | HH | 4190           | 113142 | 1.88% | 0.084% |
| 122 | 9.133 | 9.105 | 9.155 | HH | 3698           | 102116 | 1.70% | 0.076% |
| 123 | 9.190 | 9.155 | 9.206 | HH | 5074           | 121967 | 2.03% | 0.091% |
| 124 | 9.224 | 9.206 | 9.250 | HH | 6329           | 120419 | 2.00% | 0.090% |
| 125 | 9.260 | 9.250 | 9.266 | HH | 3605           | 32719  | 0.54% | 0.024% |
| 126 | 9.285 | 9.266 | 9.307 | HH | 4838           | 101331 | 1.69% | 0.075% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 127 | 9.311  | 9.307  | 9.331  | HH | 3688   | 49776   | 0.83%  | 0.037% |
| 128 | 9.334  | 9.331  | 9.338  | HH | 3194   | 14451   | 0.24%  | 0.011% |
| 129 | 9.364  | 9.338  | 9.386  | HH | 6241   | 126293  | 2.10%  | 0.094% |
| 130 | 9.401  | 9.386  | 9.443  | HH | 4621   | 121912  | 2.03%  | 0.091% |
| 131 | 9.463  | 9.443  | 9.492  | HH | 3205   | 88821   | 1.48%  | 0.066% |
| 132 | 9.517  | 9.492  | 9.536  | HH | 4733   | 98030   | 1.63%  | 0.073% |
| 133 | 9.550  | 9.536  | 9.583  | HH | 4467   | 103994  | 1.73%  | 0.077% |
| 134 | 9.602  | 9.583  | 9.619  | HH | 3773   | 73862   | 1.23%  | 0.055% |
| 135 | 9.654  | 9.619  | 9.676  | HH | 4677   | 128991  | 2.15%  | 0.096% |
| 136 | 9.698  | 9.676  | 9.717  | HH | 6783   | 124420  | 2.07%  | 0.092% |
| 137 | 9.738  | 9.717  | 9.794  | HH | 9807   | 260236  | 4.33%  | 0.193% |
| 138 | 9.816  | 9.794  | 9.848  | HH | 5968   | 158456  | 2.64%  | 0.118% |
| 139 | 9.859  | 9.848  | 9.869  | HH | 4975   | 60500   | 1.01%  | 0.045% |
| 140 | 9.887  | 9.869  | 9.906  | HH | 6671   | 123564  | 2.06%  | 0.092% |
| 141 | 9.918  | 9.906  | 9.930  | HH | 5110   | 69568   | 1.16%  | 0.052% |
| 142 | 9.948  | 9.930  | 9.964  | HH | 5891   | 109519  | 1.82%  | 0.081% |
| 143 | 9.980  | 9.964  | 9.992  | HH | 5195   | 83791   | 1.39%  | 0.062% |
| 144 | 10.017 | 9.992  | 10.045 | HH | 39941  | 529096  | 8.81%  | 0.393% |
| 145 | 10.062 | 10.045 | 10.077 | HH | 8381   | 138012  | 2.30%  | 0.103% |
| 146 | 10.083 | 10.077 | 10.105 | HH | 6770   | 103734  | 1.73%  | 0.077% |
| 147 | 10.112 | 10.105 | 10.129 | HH | 5339   | 73755   | 1.23%  | 0.055% |
| 148 | 10.154 | 10.129 | 10.180 | HH | 8192   | 201658  | 3.36%  | 0.150% |
| 149 | 10.187 | 10.180 | 10.210 | HH | 5484   | 92642   | 1.54%  | 0.069% |
| 150 | 10.224 | 10.210 | 10.239 | HH | 4941   | 82622   | 1.38%  | 0.061% |
| 151 | 10.256 | 10.239 | 10.286 | HH | 5144   | 129186  | 2.15%  | 0.096% |
| 152 | 10.300 | 10.286 | 10.305 | HH | 4285   | 48673   | 0.81%  | 0.036% |
| 153 | 10.328 | 10.305 | 10.353 | HH | 4715   | 127901  | 2.13%  | 0.095% |
| 154 | 10.357 | 10.353 | 10.378 | HH | 4292   | 63847   | 1.06%  | 0.047% |
| 155 | 10.383 | 10.378 | 10.388 | HH | 4195   | 25712   | 0.43%  | 0.019% |
| 156 | 10.427 | 10.388 | 10.439 | HH | 4690   | 135233  | 2.25%  | 0.101% |
| 157 | 10.453 | 10.439 | 10.465 | HH | 5222   | 76451   | 1.27%  | 0.057% |
| 158 | 10.485 | 10.465 | 10.518 | HH | 5909   | 169751  | 2.83%  | 0.126% |
| 159 | 10.539 | 10.518 | 10.562 | HH | 6443   | 146302  | 2.44%  | 0.109% |
| 160 | 10.599 | 10.562 | 10.608 | HH | 7041   | 173498  | 2.89%  | 0.129% |
| 161 | 10.624 | 10.608 | 10.649 | HH | 8196   | 171616  | 2.86%  | 0.128% |
| 162 | 10.665 | 10.649 | 10.702 | HH | 7529   | 201456  | 3.35%  | 0.150% |
| 163 | 10.742 | 10.702 | 10.780 | HH | 8889   | 323965  | 5.39%  | 0.241% |
| 164 | 10.802 | 10.780 | 10.830 | HH | 10458  | 250540  | 4.17%  | 0.186% |
| 165 | 10.845 | 10.830 | 10.863 | HH | 7968   | 148862  | 2.48%  | 0.111% |
| 166 | 10.891 | 10.863 | 10.902 | HH | 8783   | 182850  | 3.04%  | 0.136% |
| 167 | 10.912 | 10.902 | 10.927 | HH | 8970   | 122828  | 2.04%  | 0.091% |
| 168 | 10.952 | 10.927 | 10.991 | HH | 11632  | 349537  | 5.82%  | 0.260% |
| 169 | 11.022 | 10.991 | 11.031 | HH | 7212   | 165326  | 2.75%  | 0.123% |
| 170 | 11.045 | 11.031 | 11.062 | HH | 7904   | 137180  | 2.28%  | 0.102% |
| 171 | 11.076 | 11.062 | 11.098 | HH | 6860   | 140740  | 2.34%  | 0.105% |
| 172 | 11.115 | 11.098 | 11.122 | HH | 7449   | 99245   | 1.65%  | 0.074% |
| 173 | 11.146 | 11.122 | 11.200 | HH | 100320 | 1381479 | 23.00% | 1.027% |
| 174 | 11.223 | 11.200 | 11.252 | HH | 30572  | 492796  | 8.20%  | 0.366% |

|     |        |        |        |    |                |         |        |        |
|-----|--------|--------|--------|----|----------------|---------|--------|--------|
| 175 | 11.270 | 11.252 | 11.307 | HH | rteres<br>8250 | 258137  | 4.30%  | 0.192% |
| 176 | 11.322 | 11.307 | 11.354 | HH | 7697           | 204069  | 3.40%  | 0.152% |
| 177 | 11.366 | 11.354 | 11.386 | HH | 7082           | 131278  | 2.19%  | 0.098% |
| 178 | 11.406 | 11.386 | 11.424 | HH | 7802           | 167282  | 2.78%  | 0.124% |
| 179 | 11.445 | 11.424 | 11.480 | HH | 12981          | 319260  | 5.31%  | 0.237% |
| 180 | 11.513 | 11.480 | 11.530 | HH | 8580           | 243876  | 4.06%  | 0.181% |
| 181 | 11.561 | 11.530 | 11.578 | HH | 9592           | 265953  | 4.43%  | 0.198% |
| 182 | 11.594 | 11.578 | 11.614 | HH | 10638          | 203077  | 3.38%  | 0.151% |
| 183 | 11.643 | 11.614 | 11.650 | HH | 8664           | 185189  | 3.08%  | 0.138% |
| 184 | 11.680 | 11.650 | 11.715 | HH | 13494          | 398716  | 6.64%  | 0.296% |
| 185 | 11.750 | 11.715 | 11.770 | HH | 9892           | 284896  | 4.74%  | 0.212% |
| 186 | 11.801 | 11.770 | 11.825 | HH | 10399          | 300691  | 5.01%  | 0.224% |
| 187 | 11.858 | 11.825 | 11.895 | HH | 10532          | 398139  | 6.63%  | 0.296% |
| 188 | 11.908 | 11.895 | 11.925 | HH | 9085           | 157994  | 2.63%  | 0.117% |
| 189 | 11.953 | 11.925 | 11.968 | HH | 23955          | 398603  | 6.63%  | 0.296% |
| 190 | 11.984 | 11.968 | 12.023 | HH | 29453          | 532756  | 8.87%  | 0.396% |
| 191 | 12.067 | 12.023 | 12.086 | HH | 27045          | 617771  | 10.28% | 0.459% |
| 192 | 12.102 | 12.086 | 12.117 | HH | 21122          | 311745  | 5.19%  | 0.232% |
| 193 | 12.132 | 12.117 | 12.169 | HH | 24466          | 471786  | 7.85%  | 0.351% |
| 194 | 12.207 | 12.169 | 12.229 | HH | 10502          | 355057  | 5.91%  | 0.264% |
| 195 | 12.267 | 12.229 | 12.302 | HH | 13592          | 524337  | 8.73%  | 0.390% |
| 196 | 12.321 | 12.302 | 12.345 | HH | 18221          | 362514  | 6.03%  | 0.269% |
| 197 | 12.358 | 12.345 | 12.402 | HH | 12937          | 401505  | 6.68%  | 0.298% |
| 198 | 12.426 | 12.402 | 12.447 | HH | 20692          | 413299  | 6.88%  | 0.307% |
| 199 | 12.454 | 12.447 | 12.474 | HH | 13063          | 200197  | 3.33%  | 0.149% |
| 200 | 12.488 | 12.474 | 12.494 | HH | 12554          | 151534  | 2.52%  | 0.113% |
| 201 | 12.525 | 12.494 | 12.560 | HH | 105295         | 1635064 | 27.22% | 1.216% |
| 202 | 12.570 | 12.560 | 12.594 | HH | 15422          | 286241  | 4.76%  | 0.213% |
| 203 | 12.601 | 12.594 | 12.613 | HH | 12313          | 144655  | 2.41%  | 0.108% |
| 204 | 12.629 | 12.613 | 12.648 | HH | 13041          | 256903  | 4.28%  | 0.191% |
| 205 | 12.678 | 12.648 | 12.715 | HH | 15321          | 559310  | 9.31%  | 0.416% |
| 206 | 12.720 | 12.715 | 12.726 | HH | 12291          | 79942   | 1.33%  | 0.059% |
| 207 | 12.746 | 12.726 | 12.759 | HH | 16809          | 287901  | 4.79%  | 0.214% |
| 208 | 12.764 | 12.759 | 12.787 | HH | 14998          | 225952  | 3.76%  | 0.168% |
| 209 | 12.814 | 12.787 | 12.835 | HH | 18814          | 445680  | 7.42%  | 0.331% |
| 210 | 12.856 | 12.835 | 12.876 | HH | 27118          | 491628  | 8.18%  | 0.365% |
| 211 | 12.911 | 12.876 | 12.938 | HH | 21149          | 690546  | 11.49% | 0.513% |
| 212 | 12.975 | 12.938 | 13.034 | HH | 204017         | 2963354 | 49.33% | 2.203% |
| 213 | 13.042 | 13.034 | 13.058 | HH | 13991          | 193660  | 3.22%  | 0.144% |
| 214 | 13.072 | 13.058 | 13.090 | HH | 13961          | 258030  | 4.30%  | 0.192% |
| 215 | 13.112 | 13.090 | 13.120 | HH | 16713          | 270959  | 4.51%  | 0.201% |
| 216 | 13.131 | 13.120 | 13.142 | HH | 17062          | 221662  | 3.69%  | 0.165% |
| 217 | 13.160 | 13.142 | 13.176 | HH | 21870          | 382355  | 6.36%  | 0.284% |
| 218 | 13.189 | 13.176 | 13.204 | HH | 19120          | 298683  | 4.97%  | 0.222% |
| 219 | 13.210 | 13.204 | 13.234 | HH | 16640          | 282712  | 4.71%  | 0.210% |
| 220 | 13.238 | 13.234 | 13.244 | HH | 15679          | 101838  | 1.70%  | 0.076% |
| 221 | 13.273 | 13.244 | 13.300 | HH | 191488         | 2430884 | 40.46% | 1.807% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 222 | 13.329 | 13.300 | 13.346 | HH | 31230  | 601815  | 10.02% | 0.447% |
| 223 | 13.362 | 13.346 | 13.393 | HH | 30225  | 607582  | 10.11% | 0.452% |
| 224 | 13.407 | 13.393 | 13.412 | HH | 15413  | 174805  | 2.91%  | 0.130% |
| 225 | 13.447 | 13.412 | 13.464 | HH | 20597  | 539985  | 8.99%  | 0.401% |
| 226 | 13.476 | 13.464 | 13.503 | HH | 18368  | 401489  | 6.68%  | 0.298% |
| 227 | 13.543 | 13.503 | 13.579 | HH | 26390  | 904412  | 15.05% | 0.672% |
| 228 | 13.599 | 13.579 | 13.617 | HH | 23879  | 489006  | 8.14%  | 0.364% |
| 229 | 13.622 | 13.617 | 13.652 | HH | 20683  | 386205  | 6.43%  | 0.287% |
| 230 | 13.673 | 13.652 | 13.687 | HH | 21841  | 406971  | 6.77%  | 0.303% |
| 231 | 13.692 | 13.687 | 13.711 | HH | 19634  | 273163  | 4.55%  | 0.203% |
| 232 | 13.734 | 13.711 | 13.739 | HH | 28636  | 403887  | 6.72%  | 0.300% |
| 233 | 13.756 | 13.739 | 13.815 | HH | 46870  | 1219961 | 20.31% | 0.907% |
| 234 | 13.865 | 13.815 | 13.902 | HH | 47102  | 1369545 | 22.80% | 1.018% |
| 235 | 13.930 | 13.902 | 13.949 | HH | 19935  | 517695  | 8.62%  | 0.385% |
| 236 | 13.972 | 13.949 | 13.993 | HH | 34682  | 673250  | 11.21% | 0.501% |
| 237 | 14.012 | 13.993 | 14.034 | HH | 33950  | 643240  | 10.71% | 0.478% |
| 238 | 14.053 | 14.034 | 14.081 | HH | 24116  | 611433  | 10.18% | 0.455% |
| 239 | 14.116 | 14.081 | 14.126 | HH | 28913  | 667900  | 11.12% | 0.497% |
| 240 | 14.141 | 14.126 | 14.164 | HH | 35817  | 649519  | 10.81% | 0.483% |
| 241 | 14.183 | 14.164 | 14.222 | HH | 31140  | 824527  | 13.72% | 0.613% |
| 242 | 14.262 | 14.222 | 14.285 | HH | 21887  | 758814  | 12.63% | 0.564% |
| 243 | 14.301 | 14.285 | 14.307 | HH | 20284  | 260760  | 4.34%  | 0.194% |
| 244 | 14.336 | 14.307 | 14.362 | HH | 21602  | 687693  | 11.45% | 0.511% |
| 245 | 14.381 | 14.362 | 14.416 | HH | 20671  | 651139  | 10.84% | 0.484% |
| 246 | 14.454 | 14.416 | 14.459 | HH | 21340  | 532104  | 8.86%  | 0.396% |
| 247 | 14.479 | 14.459 | 14.495 | HH | 23578  | 485874  | 8.09%  | 0.361% |
| 248 | 14.508 | 14.495 | 14.522 | HH | 22605  | 353220  | 5.88%  | 0.263% |
| 249 | 14.572 | 14.522 | 14.589 | HH | 27618  | 1004766 | 16.72% | 0.747% |
| 250 | 14.608 | 14.589 | 14.641 | HH | 32946  | 866992  | 14.43% | 0.645% |
| 251 | 14.679 | 14.641 | 14.695 | HH | 32205  | 871677  | 14.51% | 0.648% |
| 252 | 14.706 | 14.695 | 14.754 | HH | 29199  | 923084  | 15.37% | 0.686% |
| 253 | 14.782 | 14.754 | 14.802 | HH | 37941  | 880205  | 14.65% | 0.654% |
| 254 | 14.809 | 14.802 | 14.823 | HH | 28580  | 342644  | 5.70%  | 0.255% |
| 255 | 14.846 | 14.823 | 14.869 | HH | 50376  | 1022967 | 17.03% | 0.760% |
| 256 | 14.915 | 14.869 | 14.948 | HH | 37019  | 1444062 | 24.04% | 1.074% |
| 257 | 14.970 | 14.948 | 14.986 | HH | 31512  | 652270  | 10.86% | 0.485% |
| 258 | 15.015 | 14.986 | 15.087 | HH | 114020 | 2879311 | 47.93% | 2.141% |
| 259 | 15.116 | 15.087 | 15.127 | HH | 31061  | 681704  | 11.35% | 0.507% |
| 260 | 15.160 | 15.127 | 15.180 | HH | 123512 | 2083507 | 34.68% | 1.549% |
| 261 | 15.200 | 15.180 | 15.239 | HH | 128617 | 2284525 | 38.03% | 1.698% |
| 262 | 15.252 | 15.239 | 15.282 | HH | 31351  | 783706  | 13.05% | 0.583% |
| 263 | 15.322 | 15.282 | 15.342 | HH | 51380  | 1362510 | 22.68% | 1.013% |
| 264 | 15.351 | 15.342 | 15.377 | HH | 34634  | 686348  | 11.42% | 0.510% |
| 265 | 15.410 | 15.377 | 15.439 | HH | 35458  | 1204611 | 20.05% | 0.896% |
| 266 | 15.469 | 15.439 | 15.491 | HH | 42876  | 1124351 | 18.72% | 0.836% |
| 267 | 15.506 | 15.491 | 15.533 | HH | 37101  | 904339  | 15.05% | 0.672% |
| 268 | 15.542 | 15.533 | 15.566 | HH | 34443  | 654271  | 10.89% | 0.486% |
| 269 | 15.603 | 15.566 | 15.686 | HH | 78948  | 3179430 | 52.92% | 2.364% |

|                         |        |        |        |    |                 |           |         |        |
|-------------------------|--------|--------|--------|----|-----------------|-----------|---------|--------|
| 270                     | 15.702 | 15.686 | 15.714 | HH | rteres<br>34722 | 568124    | 9.46%   | 0.422% |
| 271                     | 15.744 | 15.714 | 15.772 | HH | 42635           | 1328370   | 22.11%  | 0.988% |
| 272                     | 15.836 | 15.772 | 15.857 | HH | 68951           | 2379662   | 39.61%  | 1.769% |
| 273                     | 15.874 | 15.857 | 15.903 | HH | 51474           | 1201225   | 20.00%  | 0.893% |
| 274                     | 15.921 | 15.903 | 15.936 | HH | 41379           | 783656    | 13.04%  | 0.583% |
| 275                     | 15.998 | 15.936 | 16.047 | HH | 55426           | 3045198   | 50.69%  | 2.264% |
| 276                     | 16.070 | 16.047 | 16.094 | HH | 45801           | 1206272   | 20.08%  | 0.897% |
| 277                     | 16.126 | 16.094 | 16.140 | HH | 44360           | 1175881   | 19.57%  | 0.874% |
| 278                     | 16.161 | 16.140 | 16.180 | HH | 46625           | 1057034   | 17.60%  | 0.786% |
| 279                     | 16.211 | 16.180 | 16.222 | HH | 48300           | 1161466   | 19.33%  | 0.863% |
| 280                     | 16.248 | 16.222 | 16.260 | HH | 52178           | 1131483   | 18.83%  | 0.841% |
| 281                     | 16.266 | 16.260 | 16.295 | HH | 50981           | 986337    | 16.42%  | 0.733% |
| 282                     | 16.316 | 16.295 | 16.320 | HH | 45489           | 684626    | 11.40%  | 0.509% |
| 283                     | 16.324 | 16.320 | 16.327 | HH | 45015           | 176051    | 2.93%   | 0.131% |
| 284                     | 16.344 | 16.327 | 16.360 | HH | 46794           | 923650    | 15.37%  | 0.687% |
| 285                     | 16.370 | 16.360 | 16.385 | HH | 46578           | 674300    | 11.22%  | 0.501% |
| 286                     | 16.444 | 16.385 | 16.462 | HH | 59966           | 2388164   | 39.75%  | 1.775% |
| 287                     | 16.477 | 16.462 | 16.494 | HH | 58293           | 1058670   | 17.62%  | 0.787% |
| 288                     | 16.516 | 16.494 | 16.522 | HH | 58904           | 919276    | 15.30%  | 0.683% |
| 289                     | 16.542 | 16.522 | 16.568 | HH | 60352           | 1569712   | 26.13%  | 1.167% |
| 290                     | 16.586 | 16.568 | 16.610 | HH | 58667           | 1451090   | 24.15%  | 1.079% |
| 291                     | 16.638 | 16.610 | 16.673 | HH | 69400           | 2329095   | 38.77%  | 1.731% |
| 292                     | 16.729 | 16.673 | 16.748 | HH | 182978          | 4394745   | 73.15%  | 3.267% |
| 293                     | 16.756 | 16.748 | 16.791 | HH | 102375          | 1964508   | 32.70%  | 1.460% |
| 294                     | 16.810 | 16.791 | 16.835 | HH | 63718           | 1630063   | 27.13%  | 1.212% |
| 295                     | 16.859 | 16.835 | 16.880 | HH | 87409           | 2009000   | 33.44%  | 1.494% |
| 296                     | 16.896 | 16.880 | 16.917 | HH | 68238           | 1464247   | 24.37%  | 1.089% |
| 297                     | 16.923 | 16.917 | 16.938 | HH | 66890           | 815747    | 13.58%  | 0.606% |
| 298                     | 16.956 | 16.938 | 16.963 | HH | 66059           | 978555    | 16.29%  | 0.727% |
| 299                     | 16.966 | 16.963 | 16.969 | HH | 64997           | 230171    | 3.83%   | 0.171% |
| 300                     | 17.053 | 16.969 | 17.084 | HH | 151722          | 6007580   | 100.00% | 4.466% |
| 301                     | 17.112 | 17.084 | 17.143 | HH | 178698          | 3907313   | 65.04%  | 2.905% |
| 302                     | 17.164 | 17.143 | 17.176 | HH | 79071           | 1547429   | 25.76%  | 1.150% |
| 303                     | 17.213 | 17.176 | 17.239 | HH | 112112          | 3475677   | 57.85%  | 2.584% |
| 304                     | 17.262 | 17.239 | 17.280 | HH | 85129           | 2038832   | 33.94%  | 1.516% |
| Sum of corrected areas: |        |        |        |    |                 | 134514229 |         |        |

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