

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG070221\  
 Data File : FG008483.D  
 Signal(s) : FID1A.ch  
 Acq On : 02 Jul 2021 13:05  
 Sample : M2913-09  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG062421.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         | 2.360       | 2.342        | 2.392      | BH       | 640            | 3316         | 0.03%          | 0.001%        |
| 2         | 2.398       | 2.392        | 2.455      | PH       | -26            | -4001        | -0.03%         | -0.001%       |
| 3         | 2.465       | 2.455        | 2.486      | PH       | -96            | -2631        | -0.02%         | -0.000%       |
| 4         | 2.497       | 2.486        | 2.508      | PH       | -114           | -1691        | -0.01%         | -0.000%       |
| 5         | 2.556       | 2.508        | 2.578      | PH       | 331            | 1061         | 0.01%          | 0.000%        |
| 6         | 2.586       | 2.578        | 2.596      | HH       | 158            | 835          | 0.01%          | 0.000%        |
| 7         | 2.605       | 2.596        | 2.618      | PH       | 40             | 306          | 0.00%          | 0.000%        |
| 8         | 2.635       | 2.618        | 2.645      | PH       | 192            | 1087         | 0.01%          | 0.000%        |
| 9         | 2.657       | 2.645        | 2.675      | PH       | 226            | 1460         | 0.01%          | 0.000%        |
| 10        | 2.691       | 2.675        | 2.705      | PH       | 348            | 1594         | 0.01%          | 0.000%        |
| 11        | 2.718       | 2.705        | 2.793      | PH       | 86             | -3666        | -0.03%         | -0.001%       |
| 12        | 2.823       | 2.793        | 2.872      | PH       | 806            | 4220         | 0.04%          | 0.001%        |
| 13        | 2.882       | 2.872        | 2.895      | PH       | -48            | -1016        | -0.01%         | -0.000%       |
| 14        | 2.913       | 2.895        | 2.949      | PH       | 1654           | 22498        | 0.19%          | 0.004%        |
| 15        | 2.987       | 2.949        | 2.997      | HH       | 354            | 6478         | 0.05%          | 0.001%        |
| 16        | 3.012       | 2.997        | 3.052      | HH       | 339            | 5298         | 0.04%          | 0.001%        |
| 17        | 3.093       | 3.052        | 3.124      | HH       | 4846           | 58874        | 0.49%          | 0.011%        |
| 18        | 3.139       | 3.124        | 3.160      | HH       | 1651           | 21399        | 0.18%          | 0.004%        |
| 19        | 3.174       | 3.160        | 3.190      | HH       | 868            | 11642        | 0.10%          | 0.002%        |
| 20        | 3.205       | 3.190        | 3.224      | HH       | 563            | 9656         | 0.08%          | 0.002%        |
| 21        | 3.235       | 3.224        | 3.259      | HH       | 409            | 6257         | 0.05%          | 0.001%        |
| 22        | 3.276       | 3.259        | 3.303      | HH       | 1791           | 21296        | 0.18%          | 0.004%        |
| 23        | 3.334       | 3.303        | 3.352      | HH       | 408            | 9510         | 0.08%          | 0.002%        |
| 24        | 3.387       | 3.352        | 3.476      | HH       | 1081           | 22323        | 0.19%          | 0.004%        |
| 25        | 3.495       | 3.476        | 3.504      | HH       | 268            | 2511         | 0.02%          | 0.000%        |
| 26        | 3.515       | 3.504        | 3.528      | HH       | 252            | 3131         | 0.03%          | 0.001%        |
| 27        | 3.543       | 3.528        | 3.559      | HH       | 261            | 3427         | 0.03%          | 0.001%        |
| 28        | 3.585       | 3.559        | 3.632      | HH       | 357            | 8266         | 0.07%          | 0.001%        |
| 29        | 3.663       | 3.632        | 3.680      | PH       | 565            | 8645         | 0.07%          | 0.002%        |
| 30        | 3.693       | 3.680        | 3.748      | HH       | 788            | 15057        | 0.13%          | 0.003%        |
| 31        | 3.770       | 3.748        | 3.820      | HH       | 1212           | 26638        | 0.22%          | 0.005%        |
| 32        | 3.837       | 3.820        | 3.853      | HH       | 568            | 7824         | 0.07%          | 0.001%        |
| 33        | 3.889       | 3.853        | 3.923      | HH       | 1322           | 24979        | 0.21%          | 0.004%        |
| 34        | 3.937       | 3.923        | 3.955      | HH       | 692            | 8079         | 0.07%          | 0.001%        |
| 35        | 3.975       | 3.955        | 4.008      | HH       | 905            | 15064        | 0.13%          | 0.003%        |
| 36        | 4.015       | 4.008        | 4.032      | HH       | 287            | 3315         | 0.03%          | 0.001%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.056 | 4.032 | 4.074 | HH | 2599   | 36615  | 0.31% | 0.007% |
| 38 | 4.086 | 4.074 | 4.138 | HH | 2410   | 47865  | 0.40% | 0.009% |
| 39 | 4.156 | 4.138 | 4.187 | HH | 849    | 18578  | 0.16% | 0.003% |
| 40 | 4.210 | 4.187 | 4.222 | HH | 4178   | 50038  | 0.42% | 0.009% |
|    |       |       |       |    |        |        |       |        |
| 41 | 4.233 | 4.222 | 4.315 | HH | 3516   | 105411 | 0.88% | 0.019% |
| 42 | 4.327 | 4.315 | 4.361 | HH | 1078   | 19532  | 0.16% | 0.003% |
| 43 | 4.381 | 4.361 | 4.397 | HH | 663    | 12070  | 0.10% | 0.002% |
| 44 | 4.414 | 4.397 | 4.442 | HH | 812    | 16336  | 0.14% | 0.003% |
| 45 | 4.465 | 4.442 | 4.495 | HH | 2020   | 28746  | 0.24% | 0.005% |
|    |       |       |       |    |        |        |       |        |
| 46 | 4.511 | 4.495 | 4.524 | HH | 928    | 11838  | 0.10% | 0.002% |
| 47 | 4.540 | 4.524 | 4.555 | HH | 982    | 14466  | 0.12% | 0.003% |
| 48 | 4.571 | 4.555 | 4.595 | HH | 1293   | 18970  | 0.16% | 0.003% |
| 49 | 4.616 | 4.595 | 4.640 | HH | 3929   | 47534  | 0.40% | 0.009% |
| 50 | 4.685 | 4.640 | 4.739 | HH | 10212  | 197913 | 1.66% | 0.035% |
|    |       |       |       |    |        |        |       |        |
| 51 | 4.752 | 4.739 | 4.786 | HH | 2336   | 47881  | 0.40% | 0.009% |
| 52 | 4.807 | 4.786 | 4.833 | HH | 2264   | 46822  | 0.39% | 0.008% |
| 53 | 4.849 | 4.833 | 4.867 | HH | 1867   | 29954  | 0.25% | 0.005% |
| 54 | 4.882 | 4.867 | 4.902 | HH | 1370   | 24395  | 0.20% | 0.004% |
| 55 | 4.922 | 4.902 | 4.932 | HH | 1352   | 21364  | 0.18% | 0.004% |
|    |       |       |       |    |        |        |       |        |
| 56 | 4.943 | 4.932 | 4.966 | HH | 1409   | 22709  | 0.19% | 0.004% |
| 57 | 4.978 | 4.966 | 4.998 | HH | 851    | 14381  | 0.12% | 0.003% |
| 58 | 5.024 | 4.998 | 5.044 | HH | 1739   | 35252  | 0.29% | 0.006% |
| 59 | 5.057 | 5.044 | 5.095 | HH | 1378   | 35283  | 0.30% | 0.006% |
| 60 | 5.109 | 5.095 | 5.135 | HH | 1129   | 23841  | 0.20% | 0.004% |
|    |       |       |       |    |        |        |       |        |
| 61 | 5.162 | 5.135 | 5.179 | HH | 2001   | 34492  | 0.29% | 0.006% |
| 62 | 5.192 | 5.179 | 5.200 | HH | 1263   | 13641  | 0.11% | 0.002% |
| 63 | 5.212 | 5.200 | 5.229 | HH | 1446   | 20082  | 0.17% | 0.004% |
| 64 | 5.241 | 5.229 | 5.257 | HH | 1020   | 14633  | 0.12% | 0.003% |
| 65 | 5.277 | 5.257 | 5.310 | HH | 2119   | 43724  | 0.37% | 0.008% |
|    |       |       |       |    |        |        |       |        |
| 66 | 5.329 | 5.310 | 5.368 | HH | 2310   | 45896  | 0.38% | 0.008% |
| 67 | 5.390 | 5.368 | 5.417 | HH | 1350   | 31377  | 0.26% | 0.006% |
| 68 | 5.433 | 5.417 | 5.441 | HH | 817    | 10844  | 0.09% | 0.002% |
| 69 | 5.458 | 5.441 | 5.485 | HH | 2204   | 32454  | 0.27% | 0.006% |
| 70 | 5.509 | 5.485 | 5.528 | HH | 2265   | 33789  | 0.28% | 0.006% |
|    |       |       |       |    |        |        |       |        |
| 71 | 5.556 | 5.528 | 5.605 | HH | 2451   | 67982  | 0.57% | 0.012% |
| 72 | 5.620 | 5.605 | 5.657 | HH | 868    | 23552  | 0.20% | 0.004% |
| 73 | 5.699 | 5.657 | 5.720 | HH | 1834   | 41718  | 0.35% | 0.007% |
| 74 | 5.743 | 5.720 | 5.753 | HH | 1409   | 22419  | 0.19% | 0.004% |
| 75 | 5.778 | 5.753 | 5.801 | HH | 5054   | 94103  | 0.79% | 0.017% |
|    |       |       |       |    |        |        |       |        |
| 76 | 5.816 | 5.801 | 5.895 | HH | 6114   | 190330 | 1.59% | 0.034% |
| 77 | 5.906 | 5.895 | 5.932 | HH | 1944   | 38644  | 0.32% | 0.007% |
| 78 | 5.946 | 5.932 | 5.992 | HH | 2043   | 55864  | 0.47% | 0.010% |
| 79 | 6.064 | 5.992 | 6.094 | HH | 37364  | 445539 | 3.73% | 0.080% |
| 80 | 6.117 | 6.094 | 6.183 | HH | 55136  | 645251 | 5.40% | 0.116% |
|    |       |       |       |    |        |        |       |        |
| 81 | 6.207 | 6.183 | 6.228 | HH | 2771   | 58277  | 0.49% | 0.010% |
| 82 | 6.241 | 6.228 | 6.261 | HH | 1747   | 31175  | 0.26% | 0.006% |
| 83 | 6.281 | 6.261 | 6.318 | HH | 1788   | 53188  | 0.45% | 0.010% |
| 84 | 6.338 | 6.318 | 6.375 | HH | 2687   | 61499  | 0.51% | 0.011% |
| 85 | 6.383 | 6.375 | 6.402 | HH | 1519   | 21958  | 0.18% | 0.004% |
|    |       |       |       |    |        |        |       |        |
| 86 | 6.422 | 6.402 | 6.434 | HH | 2017   | 33191  | 0.28% | 0.006% |
| 87 | 6.450 | 6.434 | 6.472 | HH | 2550   | 42954  | 0.36% | 0.008% |
| 88 | 6.496 | 6.472 | 6.548 | HH | 3339   | 89718  | 0.75% | 0.016% |
| 89 | 6.563 | 6.548 | 6.575 | HH | 1318   | 20746  | 0.17% | 0.004% |

|     |       |       |       |    |        |        |       |        |
|-----|-------|-------|-------|----|--------|--------|-------|--------|
|     |       |       |       |    | rteres |        |       |        |
| 90  | 6.595 | 6.575 | 6.605 | HH | 1480   | 24632  | 0.21% | 0.004% |
| 91  | 6.613 | 6.605 | 6.621 | HH | 1470   | 13678  | 0.11% | 0.002% |
| 92  | 6.643 | 6.621 | 6.665 | HH | 2015   | 41919  | 0.35% | 0.008% |
| 93  | 6.697 | 6.665 | 6.755 | HH | 2097   | 78386  | 0.66% | 0.014% |
| 94  | 6.776 | 6.755 | 6.791 | HH | 1957   | 32777  | 0.27% | 0.006% |
| 95  | 6.820 | 6.791 | 6.857 | HH | 3870   | 98890  | 0.83% | 0.018% |
| 96  | 6.872 | 6.857 | 6.883 | HH | 2108   | 31189  | 0.26% | 0.006% |
| 97  | 6.902 | 6.883 | 6.934 | HH | 3494   | 74259  | 0.62% | 0.013% |
| 98  | 6.956 | 6.934 | 6.985 | HH | 2896   | 73791  | 0.62% | 0.013% |
| 99  | 7.006 | 6.985 | 7.015 | HH | 3506   | 55324  | 0.46% | 0.010% |
| 100 | 7.027 | 7.015 | 7.045 | HH | 3599   | 57141  | 0.48% | 0.010% |
| 101 | 7.059 | 7.045 | 7.088 | HH | 3314   | 74464  | 0.62% | 0.013% |
| 102 | 7.124 | 7.088 | 7.180 | HH | 25833  | 367353 | 3.07% | 0.066% |
| 103 | 7.199 | 7.180 | 7.238 | HH | 3342   | 86423  | 0.72% | 0.015% |
| 104 | 7.259 | 7.238 | 7.309 | HH | 26555  | 325085 | 2.72% | 0.058% |
| 105 | 7.321 | 7.309 | 7.337 | HH | 2094   | 33361  | 0.28% | 0.006% |
| 106 | 7.352 | 7.337 | 7.366 | HH | 2282   | 34627  | 0.29% | 0.006% |
| 107 | 7.382 | 7.366 | 7.399 | HH | 2435   | 41588  | 0.35% | 0.007% |
| 108 | 7.421 | 7.399 | 7.458 | HH | 4367   | 92599  | 0.77% | 0.017% |
| 109 | 7.486 | 7.458 | 7.528 | HH | 2289   | 86715  | 0.73% | 0.016% |
| 110 | 7.553 | 7.528 | 7.572 | HH | 2105   | 52389  | 0.44% | 0.009% |
| 111 | 7.599 | 7.572 | 7.625 | HH | 2730   | 73029  | 0.61% | 0.013% |
| 112 | 7.642 | 7.625 | 7.668 | HH | 2616   | 61248  | 0.51% | 0.011% |
| 113 | 7.714 | 7.668 | 7.744 | HH | 3268   | 105999 | 0.89% | 0.019% |
| 114 | 7.764 | 7.744 | 7.782 | HH | 2498   | 47368  | 0.40% | 0.008% |
| 115 | 7.822 | 7.782 | 7.830 | HH | 2941   | 66744  | 0.56% | 0.012% |
| 116 | 7.852 | 7.830 | 7.895 | HH | 7295   | 169075 | 1.41% | 0.030% |
| 117 | 7.904 | 7.895 | 7.933 | HH | 2799   | 59584  | 0.50% | 0.011% |
| 118 | 7.951 | 7.933 | 7.969 | HH | 3022   | 57858  | 0.48% | 0.010% |
| 119 | 8.012 | 7.969 | 8.066 | HH | 9656   | 316647 | 2.65% | 0.057% |
| 120 | 8.079 | 8.066 | 8.087 | HH | 4813   | 57198  | 0.48% | 0.010% |
| 121 | 8.120 | 8.087 | 8.164 | HH | 13594  | 355434 | 2.97% | 0.064% |
| 122 | 8.187 | 8.164 | 8.200 | HH | 4781   | 88622  | 0.74% | 0.016% |
| 123 | 8.225 | 8.200 | 8.242 | HH | 36444  | 439638 | 3.68% | 0.079% |
| 124 | 8.254 | 8.242 | 8.268 | HH | 20154  | 224821 | 1.88% | 0.040% |
| 125 | 8.282 | 8.268 | 8.327 | HH | 13840  | 283349 | 2.37% | 0.051% |
| 126 | 8.345 | 8.327 | 8.357 | HH | 4210   | 66614  | 0.56% | 0.012% |
| 127 | 8.382 | 8.357 | 8.390 | HH | 15525  | 210858 | 1.76% | 0.038% |
| 128 | 8.412 | 8.390 | 8.448 | HH | 55603  | 807341 | 6.76% | 0.145% |
| 129 | 8.464 | 8.448 | 8.482 | HH | 8221   | 133405 | 1.12% | 0.024% |
| 130 | 8.501 | 8.482 | 8.533 | HH | 12700  | 208501 | 1.74% | 0.037% |
| 131 | 8.548 | 8.533 | 8.605 | HH | 4872   | 157847 | 1.32% | 0.028% |
| 132 | 8.658 | 8.605 | 8.680 | HH | 6529   | 183540 | 1.54% | 0.033% |
| 133 | 8.708 | 8.680 | 8.732 | HH | 60465  | 687586 | 5.75% | 0.123% |
| 134 | 8.754 | 8.732 | 8.798 | HH | 11422  | 288348 | 2.41% | 0.052% |
| 135 | 8.826 | 8.798 | 8.855 | HH | 8324   | 204697 | 1.71% | 0.037% |
| 136 | 8.871 | 8.855 | 8.883 | HH | 6409   | 92207  | 0.77% | 0.017% |
| 137 | 8.896 | 8.883 | 8.911 | HH | 6001   | 90313  | 0.76% | 0.016% |
| 138 | 8.948 | 8.911 | 8.965 | HH | 19010  | 345432 | 2.89% | 0.062% |
| 139 | 8.982 | 8.965 | 9.004 | HH | 22518  | 292601 | 2.45% | 0.052% |
| 140 | 9.021 | 9.004 | 9.047 | HH | 9487   | 180805 | 1.51% | 0.032% |
| 141 | 9.072 | 9.047 | 9.095 | HH | 9989   | 202907 | 1.70% | 0.036% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 9.118  | 9.095  | 9.138  | HH | 22499  | 310890  | 2.60%  | 0.056% |
| 143    | 9.158  | 9.138  | 9.197  | HH | 23612  | 365149  | 3.06%  | 0.065% |
| 144    | 9.216  | 9.197  | 9.245  | HH | 7779   | 163301  | 1.37%  | 0.029% |
| 145    | 9.275  | 9.245  | 9.293  | HH | 27494  | 373184  | 3.12%  | 0.067% |
| 146    | 9.307  | 9.293  | 9.328  | HH | 18008  | 228291  | 1.91%  | 0.041% |
| 147    | 9.361  | 9.328  | 9.377  | HH | 13409  | 240393  | 2.01%  | 0.043% |
| 148    | 9.411  | 9.377  | 9.432  | HH | 21201  | 407694  | 3.41%  | 0.073% |
| 149    | 9.453  | 9.432  | 9.471  | HH | 14114  | 229366  | 1.92%  | 0.041% |
| 150    | 9.495  | 9.471  | 9.549  | HH | 59434  | 969912  | 8.12%  | 0.174% |
| 151    | 9.574  | 9.549  | 9.602  | HH | 22855  | 422371  | 3.53%  | 0.076% |
| 152    | 9.645  | 9.602  | 9.665  | HH | 32609  | 680878  | 5.70%  | 0.122% |
| 153    | 9.674  | 9.665  | 9.688  | HH | 13162  | 152721  | 1.28%  | 0.027% |
| 154    | 9.707  | 9.688  | 9.734  | HH | 22017  | 371212  | 3.11%  | 0.067% |
| 155    | 9.758  | 9.734  | 9.792  | HH | 15473  | 360503  | 3.02%  | 0.065% |
| 156    | 9.817  | 9.792  | 9.846  | HH | 24519  | 460155  | 3.85%  | 0.082% |
| 157    | 9.869  | 9.846  | 9.884  | HH | 11906  | 227099  | 1.90%  | 0.041% |
| 158    | 9.917  | 9.884  | 9.962  | HH | 23276  | 718236  | 6.01%  | 0.129% |
| 159    | 9.982  | 9.962  | 9.991  | HH | 11046  | 169113  | 1.42%  | 0.030% |
| 160    | 10.015 | 9.991  | 10.040 | HH | 12752  | 322593  | 2.70%  | 0.058% |
| 161    | 10.056 | 10.040 | 10.065 | HH | 10042  | 138255  | 1.16%  | 0.025% |
| 162    | 10.080 | 10.065 | 10.146 | HH | 12245  | 397255  | 3.32%  | 0.071% |
| 163    | 10.186 | 10.146 | 10.197 | HH | 7908   | 202564  | 1.70%  | 0.036% |
| 164    | 10.207 | 10.197 | 10.223 | HH | 8037   | 114418  | 0.96%  | 0.021% |
| 165    | 10.242 | 10.223 | 10.278 | HH | 15332  | 362527  | 3.03%  | 0.065% |
| 166    | 10.295 | 10.278 | 10.315 | HH | 11698  | 213666  | 1.79%  | 0.038% |
| 167    | 10.380 | 10.315 | 10.402 | HH | 41159  | 1020624 | 8.54%  | 0.183% |
| 168    | 10.421 | 10.402 | 10.457 | HH | 34443  | 590320  | 4.94%  | 0.106% |
| 169    | 10.499 | 10.457 | 10.532 | HH | 35792  | 884027  | 7.40%  | 0.158% |
| 170    | 10.553 | 10.532 | 10.607 | HH | 39809  | 994849  | 8.32%  | 0.178% |
| 171    | 10.640 | 10.607 | 10.652 | HH | 21206  | 471357  | 3.94%  | 0.084% |
| 172    | 10.669 | 10.652 | 10.684 | HH | 31191  | 451139  | 3.78%  | 0.081% |
| 173    | 10.706 | 10.684 | 10.747 | HH | 45618  | 984898  | 8.24%  | 0.176% |
| 174    | 10.800 | 10.747 | 10.818 | HH | 19875  | 691412  | 5.79%  | 0.124% |
| 175    | 10.843 | 10.818 | 10.858 | HH | 17500  | 361885  | 3.03%  | 0.065% |
| 176    | 10.908 | 10.858 | 10.947 | HH | 582390 | 6717113 | 56.21% | 1.203% |
| 177    | 10.980 | 10.947 | 11.049 | HH | 161799 | 2488183 | 20.82% | 0.446% |
| 178    | 11.083 | 11.049 | 11.103 | HH | 13517  | 409420  | 3.43%  | 0.073% |
| 179    | 11.119 | 11.103 | 11.134 | HH | 14064  | 244004  | 2.04%  | 0.044% |
| 180    | 11.152 | 11.134 | 11.171 | HH | 21244  | 361769  | 3.03%  | 0.065% |
| 181    | 11.194 | 11.171 | 11.235 | HH | 54821  | 1052628 | 8.81%  | 0.189% |
| 182    | 11.265 | 11.235 | 11.281 | HH | 21724  | 509420  | 4.26%  | 0.091% |
| 183    | 11.300 | 11.281 | 11.322 | HH | 25666  | 504881  | 4.22%  | 0.090% |
| 184    | 11.347 | 11.322 | 11.364 | HH | 21182  | 474274  | 3.97%  | 0.085% |
| 185    | 11.396 | 11.364 | 11.404 | HH | 24003  | 506959  | 4.24%  | 0.091% |
| 186    | 11.433 | 11.404 | 11.475 | HH | 53346  | 1318804 | 11.04% | 0.236% |
| 187    | 11.505 | 11.475 | 11.527 | HH | 30741  | 670977  | 5.61%  | 0.120% |
| 188    | 11.558 | 11.527 | 11.579 | HH | 39668  | 810269  | 6.78%  | 0.145% |
| 189    | 11.600 | 11.579 | 11.625 | HH | 34096  | 652516  | 5.46%  | 0.117% |
| 190    | 11.636 | 11.625 | 11.647 | HH | 16200  | 204708  | 1.71%  | 0.037% |
| 191    | 11.662 | 11.647 | 11.678 | HH | 19272  | 320400  | 2.68%  | 0.057% |
| 192    | 11.711 | 11.678 | 11.727 | HH | 151728 | 1996700 | 16.71% | 0.358% |
| 193    | 11.743 | 11.727 | 11.779 | HH | 178361 | 2231031 | 18.67% | 0.400% |
| 194    | 11.827 | 11.779 | 11.843 | HH | 133646 | 2363025 | 19.77% | 0.423% |

| rteres |        |        |        |    |        |          |         |        |
|--------|--------|--------|--------|----|--------|----------|---------|--------|
| 195    | 11.860 | 11.843 | 11.875 | HH | 130834 | 1583353  | 13.25%  | 0.284% |
| 196    | 11.891 | 11.875 | 11.923 | HH | 164468 | 2107287  | 17.63%  | 0.378% |
| 197    | 11.965 | 11.923 | 11.990 | HH | 23511  | 765682   | 6.41%   | 0.137% |
| 198    | 12.024 | 11.990 | 12.047 | HH | 25970  | 780831   | 6.53%   | 0.140% |
| 199    | 12.075 | 12.047 | 12.095 | HH | 94119  | 1437328  | 12.03%  | 0.258% |
| 200    | 12.113 | 12.095 | 12.140 | HH | 33927  | 772964   | 6.47%   | 0.138% |
| 201    | 12.149 | 12.140 | 12.160 | HH | 20358  | 246533   | 2.06%   | 0.044% |
| 202    | 12.185 | 12.160 | 12.207 | HH | 86516  | 1278368  | 10.70%  | 0.229% |
| 203    | 12.219 | 12.207 | 12.234 | HH | 33097  | 480970   | 4.02%   | 0.086% |
| 204    | 12.272 | 12.234 | 12.307 | HH | 75253  | 1720583  | 14.40%  | 0.308% |
| 205    | 12.331 | 12.307 | 12.348 | HH | 35864  | 680273   | 5.69%   | 0.122% |
| 206    | 12.363 | 12.348 | 12.379 | HH | 33742  | 533336   | 4.46%   | 0.096% |
| 207    | 12.394 | 12.379 | 12.404 | HH | 29972  | 400789   | 3.35%   | 0.072% |
| 208    | 12.435 | 12.404 | 12.445 | HH | 38844  | 815895   | 6.83%   | 0.146% |
| 209    | 12.457 | 12.445 | 12.485 | HH | 40848  | 784851   | 6.57%   | 0.141% |
| 210    | 12.504 | 12.485 | 12.544 | HH | 60668  | 1401440  | 11.73%  | 0.251% |
| 211    | 12.570 | 12.544 | 12.594 | HH | 65405  | 1269945  | 10.63%  | 0.228% |
| 212    | 12.617 | 12.594 | 12.637 | HH | 152464 | 2218610  | 18.56%  | 0.398% |
| 213    | 12.655 | 12.637 | 12.672 | HH | 73330  | 1321244  | 11.06%  | 0.237% |
| 214    | 12.682 | 12.672 | 12.705 | HH | 63172  | 1002609  | 8.39%   | 0.180% |
| 215    | 12.744 | 12.705 | 12.780 | HH | 927636 | 11950534 | 100.00% | 2.141% |
| 216    | 12.798 | 12.780 | 12.812 | HH | 26649  | 475546   | 3.98%   | 0.085% |
| 217    | 12.831 | 12.812 | 12.846 | HH | 34498  | 587073   | 4.91%   | 0.105% |
| 218    | 12.870 | 12.846 | 12.878 | HH | 47571  | 740904   | 6.20%   | 0.133% |
| 219    | 12.892 | 12.878 | 12.905 | HH | 54179  | 766773   | 6.42%   | 0.137% |
| 220    | 12.922 | 12.905 | 12.934 | HH | 69419  | 955802   | 8.00%   | 0.171% |
| 221    | 12.947 | 12.934 | 13.008 | HH | 73987  | 2034485  | 17.02%  | 0.365% |
| 222    | 13.044 | 13.008 | 13.070 | HH | 864603 | 11001439 | 92.06%  | 1.971% |
| 223    | 13.090 | 13.070 | 13.105 | HH | 101881 | 1383437  | 11.58%  | 0.248% |
| 224    | 13.121 | 13.105 | 13.152 | HH | 102530 | 1633321  | 13.67%  | 0.293% |
| 225    | 13.175 | 13.152 | 13.187 | HH | 35606  | 704657   | 5.90%   | 0.126% |
| 226    | 13.206 | 13.187 | 13.220 | HH | 56791  | 886899   | 7.42%   | 0.159% |
| 227    | 13.237 | 13.220 | 13.260 | HH | 59517  | 994612   | 8.32%   | 0.178% |
| 228    | 13.301 | 13.260 | 13.327 | HH | 69627  | 1747326  | 14.62%  | 0.313% |
| 229    | 13.337 | 13.327 | 13.347 | HH | 39521  | 456829   | 3.82%   | 0.082% |
| 230    | 13.368 | 13.347 | 13.400 | HH | 57087  | 1321532  | 11.06%  | 0.237% |
| 231    | 13.429 | 13.400 | 13.445 | HH | 61756  | 1160199  | 9.71%   | 0.208% |
| 232    | 13.456 | 13.445 | 13.470 | HH | 49013  | 694097   | 5.81%   | 0.124% |
| 233    | 13.496 | 13.470 | 13.567 | HH | 115646 | 3366035  | 28.17%  | 0.603% |
| 234    | 13.626 | 13.567 | 13.664 | HH | 218104 | 4949772  | 41.42%  | 0.887% |
| 235    | 13.691 | 13.664 | 13.707 | HH | 46002  | 1019735  | 8.53%   | 0.183% |
| 236    | 13.735 | 13.707 | 13.754 | HH | 127620 | 2156088  | 18.04%  | 0.386% |
| 237    | 13.774 | 13.754 | 13.796 | HH | 149801 | 2210562  | 18.50%  | 0.396% |
| 238    | 13.812 | 13.796 | 13.836 | HH | 57784  | 1140310  | 9.54%   | 0.204% |
| 239    | 13.904 | 13.836 | 13.925 | HH | 152631 | 3871910  | 32.40%  | 0.694% |
| 240    | 13.945 | 13.925 | 13.983 | HH | 142642 | 2403709  | 20.11%  | 0.431% |
| 241    | 14.017 | 13.983 | 14.040 | HH | 47077  | 1340797  | 11.22%  | 0.240% |
| 242    | 14.061 | 14.040 | 14.077 | HH | 40903  | 850279   | 7.11%   | 0.152% |
| 243    | 14.101 | 14.077 | 14.118 | HH | 40071  | 946280   | 7.92%   | 0.170% |
| 244    | 14.132 | 14.118 | 14.172 | HH | 39358  | 1169451  | 9.79%   | 0.210% |
| 245    | 14.182 | 14.172 | 14.191 | HH | 34860  | 395445   | 3.31%   | 0.071% |
| 246    | 14.210 | 14.191 | 14.248 | HH | 42611  | 1291991  | 10.81%  | 0.231% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 14.266 | 14.248 | 14.278 | HH | 38552  | 656150  | 5.49%  | 0.118% |
| 248    | 14.329 | 14.278 | 14.346 | HH | 73589  | 2328011 | 19.48% | 0.417% |
| 249    | 14.365 | 14.346 | 14.397 | HH | 118371 | 2206744 | 18.47% | 0.395% |
| 250    | 14.435 | 14.397 | 14.450 | HH | 62421  | 1642620 | 13.75% | 0.294% |
|        |        |        |        |    |        |         |        |        |
| 251    | 14.466 | 14.450 | 14.511 | HH | 73946  | 2077751 | 17.39% | 0.372% |
| 252    | 14.542 | 14.511 | 14.582 | HH | 116532 | 3191262 | 26.70% | 0.572% |
| 253    | 14.607 | 14.582 | 14.630 | HH | 183902 | 3127590 | 26.17% | 0.560% |
| 254    | 14.670 | 14.630 | 14.705 | HH | 119664 | 3221140 | 26.95% | 0.577% |
| 255    | 14.729 | 14.705 | 14.744 | HH | 60320  | 1197823 | 10.02% | 0.215% |
|        |        |        |        |    |        |         |        |        |
| 256    | 14.772 | 14.744 | 14.848 | HH | 214289 | 5360477 | 44.86% | 0.960% |
| 257    | 14.874 | 14.848 | 14.890 | HH | 65731  | 1292881 | 10.82% | 0.232% |
| 258    | 14.925 | 14.890 | 14.944 | HH | 430827 | 6577055 | 55.04% | 1.178% |
| 259    | 14.969 | 14.944 | 14.995 | HH | 544960 | 7715566 | 64.56% | 1.382% |
| 260    | 15.010 | 14.995 | 15.044 | HH | 58245  | 1537050 | 12.86% | 0.275% |
|        |        |        |        |    |        |         |        |        |
| 261    | 15.084 | 15.044 | 15.138 | HH | 152191 | 4398537 | 36.81% | 0.788% |
| 262    | 15.161 | 15.138 | 15.194 | HH | 75818  | 2000003 | 16.74% | 0.358% |
| 263    | 15.226 | 15.194 | 15.249 | HH | 94021  | 2281319 | 19.09% | 0.409% |
| 264    | 15.280 | 15.249 | 15.321 | HH | 79546  | 2853561 | 23.88% | 0.511% |
| 265    | 15.365 | 15.321 | 15.438 | HH | 108899 | 4846833 | 40.56% | 0.868% |
|        |        |        |        |    |        |         |        |        |
| 266    | 15.506 | 15.438 | 15.530 | HH | 66070  | 3213531 | 26.89% | 0.576% |
| 267    | 15.552 | 15.530 | 15.568 | HH | 76382  | 1492483 | 12.49% | 0.267% |
| 268    | 15.598 | 15.568 | 15.618 | HH | 187782 | 3431161 | 28.71% | 0.615% |
| 269    | 15.635 | 15.618 | 15.664 | HH | 119793 | 2390599 | 20.00% | 0.428% |
| 270    | 15.682 | 15.664 | 15.695 | HH | 80156  | 1324348 | 11.08% | 0.237% |
|        |        |        |        |    |        |         |        |        |
| 271    | 15.707 | 15.695 | 15.710 | HH | 73366  | 645095  | 5.40%  | 0.116% |
| 272    | 15.760 | 15.710 | 15.793 | HH | 130338 | 4784009 | 40.03% | 0.857% |
| 273    | 15.834 | 15.793 | 15.855 | HH | 86461  | 2486563 | 20.81% | 0.446% |
| 274    | 15.876 | 15.855 | 15.897 | HH | 62886  | 1498284 | 12.54% | 0.268% |
| 275    | 15.917 | 15.897 | 15.939 | HH | 75739  | 1583783 | 13.25% | 0.284% |
|        |        |        |        |    |        |         |        |        |
| 276    | 15.961 | 15.939 | 15.980 | HH | 73282  | 1583264 | 13.25% | 0.284% |
| 277    | 16.003 | 15.980 | 16.015 | HH | 65418  | 1297030 | 10.85% | 0.232% |
| 278    | 16.026 | 16.015 | 16.053 | HH | 71251  | 1440770 | 12.06% | 0.258% |
| 279    | 16.070 | 16.053 | 16.083 | HH | 57285  | 997495  | 8.35%  | 0.179% |
| 280    | 16.099 | 16.083 | 16.115 | HH | 61150  | 1128667 | 9.44%  | 0.202% |
|        |        |        |        |    |        |         |        |        |
| 281    | 16.130 | 16.115 | 16.145 | HH | 58492  | 987053  | 8.26%  | 0.177% |
| 282    | 16.198 | 16.145 | 16.251 | HH | 76790  | 4154898 | 34.77% | 0.744% |
| 283    | 16.273 | 16.251 | 16.288 | HH | 79308  | 1566647 | 13.11% | 0.281% |
| 284    | 16.303 | 16.288 | 16.325 | HH | 78496  | 1607445 | 13.45% | 0.288% |
| 285    | 16.342 | 16.325 | 16.353 | HH | 69920  | 1160375 | 9.71%  | 0.208% |
|        |        |        |        |    |        |         |        |        |
| 286    | 16.401 | 16.353 | 16.447 | HH | 93803  | 4383493 | 36.68% | 0.785% |
| 287    | 16.496 | 16.447 | 16.513 | HH | 449196 | 8401069 | 70.30% | 1.505% |
| 288    | 16.521 | 16.513 | 16.558 | HH | 250435 | 3482844 | 29.14% | 0.624% |
| 289    | 16.570 | 16.558 | 16.582 | HH | 64697  | 884674  | 7.40%  | 0.159% |
| 290    | 16.620 | 16.582 | 16.642 | HH | 142478 | 3269856 | 27.36% | 0.586% |
|        |        |        |        |    |        |         |        |        |
| 291    | 16.654 | 16.642 | 16.668 | HH | 74408  | 1103118 | 9.23%  | 0.198% |
| 292    | 16.678 | 16.668 | 16.701 | HH | 69853  | 1299369 | 10.87% | 0.233% |
| 293    | 16.740 | 16.701 | 16.756 | HH | 77587  | 2261174 | 18.92% | 0.405% |
| 294    | 16.817 | 16.756 | 16.842 | HH | 337137 | 7447694 | 62.32% | 1.334% |
| 295    | 16.877 | 16.842 | 16.909 | HH | 399098 | 7017873 | 58.72% | 1.257% |
|        |        |        |        |    |        |         |        |        |
| 296    | 16.972 | 16.909 | 16.999 | HH | 153298 | 4905937 | 41.05% | 0.879% |
| 297    | 17.021 | 16.999 | 17.057 | HH | 92145  | 2804494 | 23.47% | 0.502% |
| 298    | 17.111 | 17.057 | 17.154 | HH | 103191 | 5094544 | 42.63% | 0.913% |
| 299    | 17.174 | 17.154 | 17.193 | HH | 86627  | 1872415 | 15.67% | 0.335% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 17.238 | 17.193 | 17.304 | HH | 125482 | 6509988 | 54.47% | 1.166% |
| 301 | 17.332 | 17.304 | 17.352 | HH | 87507  | 2325659 | 19.46% | 0.417% |
| 302 | 17.397 | 17.352 | 17.423 | HH | 113134 | 4133738 | 34.59% | 0.741% |
| 303 | 17.457 | 17.423 | 17.474 | HH | 100789 | 2662192 | 22.28% | 0.477% |
| 304 | 17.485 | 17.474 | 17.505 | HH | 91303  | 1571935 | 13.15% | 0.282% |
| 305 | 17.533 | 17.505 | 17.558 | HH | 121033 | 3058451 | 25.59% | 0.548% |
| 306 | 17.574 | 17.558 | 17.608 | HH | 91152  | 2519412 | 21.08% | 0.451% |
| 307 | 17.628 | 17.608 | 17.639 | HH | 84346  | 1499501 | 12.55% | 0.269% |
| 308 | 17.647 | 17.639 | 17.694 | HH | 81861  | 2547276 | 21.32% | 0.456% |
| 309 | 17.713 | 17.694 | 17.731 | HH | 81364  | 1700718 | 14.23% | 0.305% |
| 310 | 17.745 | 17.731 | 17.763 | HH | 78089  | 1421752 | 11.90% | 0.255% |
| 311 | 17.834 | 17.763 | 17.887 | HH | 98340  | 6499676 | 54.39% | 1.165% |
| 312 | 17.929 | 17.887 | 17.948 | HH | 94041  | 3159049 | 26.43% | 0.566% |
| 313 | 17.967 | 17.948 | 17.987 | HH | 101932 | 2147567 | 17.97% | 0.385% |
| 314 | 18.016 | 17.987 | 18.068 | HH | 110788 | 4794721 | 40.12% | 0.859% |
| 315 | 18.104 | 18.068 | 18.124 | HH | 93327  | 2881047 | 24.11% | 0.516% |
| 316 | 18.154 | 18.124 | 18.193 | HH | 143115 | 4443309 | 37.18% | 0.796% |
| 317 | 18.206 | 18.193 | 18.220 | HH | 96495  | 1501789 | 12.57% | 0.269% |
| 318 | 18.252 | 18.220 | 18.313 | HH | 290472 | 8070675 | 67.53% | 1.446% |
| 319 | 18.329 | 18.313 | 18.348 | HH | 104828 | 2005926 | 16.79% | 0.359% |
| 320 | 18.378 | 18.348 | 18.396 | HH | 145526 | 3252257 | 27.21% | 0.583% |
| 321 | 18.413 | 18.396 | 18.472 | HH | 141751 | 4923536 | 41.20% | 0.882% |
| 322 | 18.510 | 18.472 | 18.535 | HH | 294707 | 5734296 | 47.98% | 1.027% |
| 323 | 18.547 | 18.535 | 18.558 | HH | 88377  | 1228342 | 10.28% | 0.220% |
| 324 | 18.586 | 18.558 | 18.602 | HH | 101673 | 2447178 | 20.48% | 0.438% |
| 325 | 18.636 | 18.602 | 18.662 | HH | 152300 | 4055185 | 33.93% | 0.727% |
| 326 | 18.684 | 18.662 | 18.708 | HH | 88573  | 2380817 | 19.92% | 0.427% |
| 327 | 18.732 | 18.708 | 18.768 | HH | 86708  | 3002975 | 25.13% | 0.538% |
| 328 | 18.811 | 18.768 | 18.830 | HH | 100369 | 3406845 | 28.51% | 0.610% |
| 329 | 18.842 | 18.830 | 18.873 | HH | 94793  | 2322748 | 19.44% | 0.416% |
| 330 | 18.935 | 18.873 | 18.965 | HH | 118011 | 5320353 | 44.52% | 0.953% |
| 331 | 18.981 | 18.965 | 18.995 | HH | 96885  | 1679250 | 14.05% | 0.301% |
| 332 | 19.018 | 18.995 | 19.035 | HH | 115463 | 2506926 | 20.98% | 0.449% |
| 333 | 19.047 | 19.035 | 19.058 | HH | 101590 | 1357964 | 11.36% | 0.243% |
| 334 | 19.077 | 19.058 | 19.127 | HH | 107633 | 4048674 | 33.88% | 0.725% |
| 335 | 19.140 | 19.127 | 19.154 | HH | 88337  | 1404324 | 11.75% | 0.252% |
| 336 | 19.186 | 19.154 | 19.238 | HH | 113154 | 4913871 | 41.12% | 0.880% |
| 337 | 19.253 | 19.238 | 19.271 | HH | 85982  | 1632485 | 13.66% | 0.292% |
| 338 | 19.307 | 19.271 | 19.332 | HH | 90270  | 3131265 | 26.20% | 0.561% |
| 339 | 19.357 | 19.332 | 19.372 | HH | 87913  | 2049425 | 17.15% | 0.367% |
| 340 | 19.378 | 19.372 | 19.408 | HH | 86394  | 1823382 | 15.26% | 0.327% |
| 341 | 19.462 | 19.408 | 19.487 | HH | 92312  | 4087370 | 34.20% | 0.732% |
| 342 | 19.518 | 19.487 | 19.560 | HH | 96009  | 3923860 | 32.83% | 0.703% |
| 343 | 19.599 | 19.560 | 19.627 | HH | 104574 | 3757442 | 31.44% | 0.673% |
| 344 | 19.663 | 19.627 | 19.689 | HH | 163103 | 4493947 | 37.60% | 0.805% |
| 345 | 19.733 | 19.689 | 19.764 | HH | 168947 | 5514050 | 46.14% | 0.988% |
| 346 | 19.786 | 19.764 | 19.803 | HH | 107085 | 2409414 | 20.16% | 0.432% |
| 347 | 19.822 | 19.803 | 19.892 | HH | 119033 | 5411433 | 45.28% | 0.970% |
| 348 | 19.945 | 19.892 | 19.970 | HH | 105698 | 4336070 | 36.28% | 0.777% |
| 349 | 20.042 | 19.970 | 20.075 | HH | 190264 | 7474118 | 62.54% | 1.339% |
| 350 | 20.114 | 20.075 | 20.163 | HH | 122261 | 5637357 | 47.17% | 1.010% |
| 351 | 20.188 | 20.163 | 20.225 | HH | 114218 | 3796620 | 31.77% | 0.680% |

|     |        |        |        |     |                         |         |           |        |
|-----|--------|--------|--------|-----|-------------------------|---------|-----------|--------|
|     |        |        |        |     |                         | rters   |           |        |
| 352 | 20.245 | 20.225 | 20.268 | HH  | 99321                   | 2512510 | 21.02%    | 0.450% |
| 353 | 20.314 | 20.268 | 20.343 | HH  | 101716                  | 4396686 | 36.79%    | 0.788% |
| 354 | 20.385 | 20.343 | 20.445 | HH  | 98981                   | 5699219 | 47.69%    | 1.021% |
| 355 | 20.462 | 20.445 | 20.492 | HH  | 93706                   | 2591681 | 21.69%    | 0.464% |
| 356 | 20.526 | 20.492 | 20.544 | HH  | 94063                   | 2872883 | 24.04%    | 0.515% |
| 357 | 20.571 | 20.544 | 20.602 | HH  | 95791                   | 3145357 | 26.32%    | 0.564% |
| 358 | 20.624 | 20.602 | 20.646 | HH  | 91581                   | 2389597 | 20.00%    | 0.428% |
| 359 | 20.657 | 20.646 | 20.670 | HH  | 88075                   | 1237012 | 10.35%    | 0.222% |
| 360 | 20.699 | 20.670 | 20.722 | HH  | 95312                   | 2860727 | 23.94%    | 0.513% |
| 361 | 20.732 | 20.722 | 20.786 | HH  | 94051                   | 3429657 | 28.70%    | 0.614% |
| 362 | 20.798 | 20.786 | 20.823 | HH  | 85191                   | 1859528 | 15.56%    | 0.333% |
| 363 | 20.844 | 20.823 | 20.872 | HH  | 83606                   | 2428922 | 20.32%    | 0.435% |
| 364 | 20.879 | 20.872 | 20.933 | HH  | 83372                   | 3059534 | 25.60%    | 0.548% |
| 365 | 20.950 | 20.933 | 21.025 | HH  | 83866                   | 4434435 | 37.11%    | 0.795% |
| 366 | 21.089 | 21.025 | 21.152 | HH  | 86077                   | 6211915 | 51.98%    | 1.113% |
| 367 | 21.176 | 21.152 | 21.225 | HH  | 82662                   | 3435636 | 28.75%    | 0.616% |
| 368 | 21.248 | 21.225 | 21.267 | HH  | 79546                   | 1948906 | 16.31%    | 0.349% |
| 369 | 21.292 | 21.267 | 21.325 | HH  | 84351                   | 2768616 | 23.17%    | 0.496% |
| 370 | 21.383 | 21.325 | 21.422 | HH  | 85259                   | 4624876 | 38.70%    | 0.829% |
| 371 | 21.482 | 21.422 | 21.512 | HH  | 102263                  | 4880744 | 40.84%    | 0.874% |
| 372 | 21.514 | 21.512 | 21.627 | HH  | 88969                   | 5319529 | 44.51%    | 0.953% |
| 373 | 21.651 | 21.627 | 21.677 | HH  | 75598                   | 2180899 | 18.25%    | 0.391% |
| 374 | 21.699 | 21.677 | 21.755 | HH  | 76174                   | 3339502 | 27.94%    | 0.598% |
| 375 | 21.796 | 21.755 | 21.845 | HH  | 85620                   | 4001303 | 33.48%    | 0.717% |
| 376 | 21.878 | 21.845 | 21.908 | HH  | 84713                   | 2906440 | 24.32%    | 0.521% |
| 377 | 21.933 | 21.908 | 21.962 | HH  | 78078                   | 2346981 | 19.64%    | 0.421% |
| 378 | 21.983 | 21.962 | 22.002 | HHA | 75077                   | 1815670 | 15.19%    | 0.325% |
|     |        |        |        |     | Sum of corrected areas: |         | 558137492 |        |

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