

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG071818\  
 Data File : FG001712.D  
 Signal(s) : FID1A.ch  
 Acq On : 18 Jul 2018 18:34  
 Sample : J4035-02MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG070218.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         | 4.258       | 4.225        | 4.354      | BH       | 229424         | 2092491      | 24.34%         | 1.673%        |
| 2         | 4.364       | 4.354        | 4.383      | HH       | 156            | 1870         | 0.02%          | 0.001%        |
| 3         | 4.408       | 4.383        | 4.501      | PH       | 2785           | 32829        | 0.38%          | 0.026%        |
| 4         | 4.539       | 4.501        | 4.549      | PH       | 253            | 3313         | 0.04%          | 0.003%        |
| 5         | 4.612       | 4.549        | 4.711      | HH       | 671            | 21687        | 0.25%          | 0.017%        |
| 6         | 4.717       | 4.711        | 4.768      | PH       | -71            | -4344        | -0.05%         | -0.003%       |
| 7         | 4.778       | 4.768        | 4.805      | PH       | -161           | -5149        | -0.06%         | -0.004%       |
| 8         | 4.850       | 4.805        | 4.893      | PH       | 682            | -1918        | -0.02%         | -0.002%       |
| 9         | 4.911       | 4.893        | 4.950      | PH       | 5              | -2959        | -0.03%         | -0.002%       |
| 10        | 4.966       | 4.950        | 4.986      | PH       | 33             | -1677        | -0.02%         | -0.001%       |
| 11        | 5.002       | 4.986        | 5.041      | PH       | -89            | -6502        | -0.08%         | -0.005%       |
| 12        | 5.048       | 5.041        | 5.055      | PH       | -236           | -2430        | -0.03%         | -0.002%       |
| 13        | 5.062       | 5.055        | 5.091      | PH       | -279           | -7235        | -0.08%         | -0.006%       |
| 14        | 5.118       | 5.091        | 5.161      | PH       | 639            | 270          | 0.00%          | 0.000%        |
| 15        | 5.181       | 5.161        | 5.221      | PH       | 87             | -5911        | -0.07%         | -0.005%       |
| 16        | 5.236       | 5.221        | 5.258      | PH       | -300           | -7409        | -0.09%         | -0.006%       |
| 17        | 5.295       | 5.258        | 5.340      | PH       | 945            | -398         | -0.00%         | -0.000%       |
| 18        | 5.368       | 5.340        | 5.398      | PH       | 6242           | 60937        | 0.71%          | 0.049%        |
| 19        | 5.406       | 5.398        | 5.446      | HH       | 249            | 919          | 0.01%          | 0.001%        |
| 20        | 5.471       | 5.446        | 5.496      | PH       | 182            | -2238        | -0.03%         | -0.002%       |
| 21        | 5.539       | 5.496        | 5.626      | PH       | 210            | -16392       | -0.19%         | -0.013%       |
| 22        | 5.656       | 5.626        | 5.714      | PH       | -192           | -17437       | -0.20%         | -0.014%       |
| 23        | 5.740       | 5.714        | 5.767      | PH       | -119           | -9199        | -0.11%         | -0.007%       |
| 24        | 5.798       | 5.767        | 5.812      | PH       | -226           | -7833        | -0.09%         | -0.006%       |
| 25        | 5.833       | 5.812        | 5.843      | PH       | 439            | 1733         | 0.02%          | 0.001%        |
| 26        | 5.855       | 5.843        | 5.898      | HH       | 471            | 7983         | 0.09%          | 0.006%        |
| 27        | 5.918       | 5.898        | 5.960      | HH       | 454            | 8196         | 0.10%          | 0.007%        |
| 28        | 5.998       | 5.960        | 6.051      | PH       | 1406           | 16402        | 0.19%          | 0.013%        |
| 29        | 6.075       | 6.051        | 6.097      | PH       | -60            | -2862        | -0.03%         | -0.002%       |
| 30        | 6.122       | 6.097        | 6.151      | PH       | 736            | 10904        | 0.13%          | 0.009%        |
| 31        | 6.167       | 6.151        | 6.191      | HH       | 586            | 9650         | 0.11%          | 0.008%        |
| 32        | 6.274       | 6.191        | 6.405      | HH       | 211702         | 2202735      | 25.62%         | 1.762%        |
| 33        | 6.421       | 6.405        | 6.442      | PH       | 304            | 2272         | 0.03%          | 0.002%        |
| 34        | 6.455       | 6.442        | 6.507      | PH       | 190            | -3778        | -0.04%         | -0.003%       |
| 35        | 6.544       | 6.507        | 6.581      | PH       | 175            | -4521        | -0.05%         | -0.004%       |
| 36        | 6.594       | 6.581        | 6.610      | PH       | -125           | -4182        | -0.05%         | -0.003%       |

|    |       |       |       |    |            |         |        |         |  |
|----|-------|-------|-------|----|------------|---------|--------|---------|--|
|    |       |       |       |    | rteres.txt |         |        |         |  |
| 37 | 6.627 | 6.610 | 6.642 | PH | -240       | -5860   | -0.07% | -0.005% |  |
| 38 | 6.667 | 6.642 | 6.688 | PH | -213       | -7745   | -0.09% | -0.006% |  |
| 39 | 6.716 | 6.688 | 6.737 | PH | -166       | -6738   | -0.08% | -0.005% |  |
| 40 | 6.763 | 6.737 | 6.817 | PH | 916        | 17896   | 0.21%  | 0.014%  |  |
| 41 | 6.828 | 6.817 | 6.860 | HH | 171        | 76      | 0.00%  | 0.000%  |  |
| 42 | 6.895 | 6.860 | 6.915 | PH | 262        | 1599    | 0.02%  | 0.001%  |  |
| 43 | 6.929 | 6.915 | 6.956 | PH | 461        | 4306    | 0.05%  | 0.003%  |  |
| 44 | 6.974 | 6.956 | 7.014 | PH | 496        | 2197    | 0.03%  | 0.002%  |  |
| 45 | 7.029 | 7.014 | 7.050 | PH | -136       | -4280   | -0.05% | -0.003% |  |
| 46 | 7.072 | 7.050 | 7.086 | PH | 363        | 1871    | 0.02%  | 0.001%  |  |
| 47 | 7.095 | 7.086 | 7.125 | HH | 140        | -1142   | -0.01% | -0.001% |  |
| 48 | 7.144 | 7.125 | 7.180 | PH | 82         | -1899   | -0.02% | -0.002% |  |
| 49 | 7.197 | 7.180 | 7.240 | HH | 480        | 1036    | 0.01%  | 0.001%  |  |
| 50 | 7.260 | 7.240 | 7.295 | PH | 139        | -4084   | -0.05% | -0.003% |  |
| 51 | 7.367 | 7.295 | 7.401 | PH | 41         | -7678   | -0.09% | -0.006% |  |
| 52 | 7.421 | 7.401 | 7.438 | PH | -167       | -5056   | -0.06% | -0.004% |  |
| 53 | 7.474 | 7.438 | 7.549 | PH | 2572       | 21823   | 0.25%  | 0.017%  |  |
| 54 | 7.558 | 7.549 | 7.579 | PH | -6         | -2624   | -0.03% | -0.002% |  |
| 55 | 7.642 | 7.579 | 7.704 | PH | 3130       | 44621   | 0.52%  | 0.036%  |  |
| 56 | 7.718 | 7.704 | 7.743 | HH | 224        | 3042    | 0.04%  | 0.002%  |  |
| 57 | 7.762 | 7.743 | 7.777 | PH | 296        | 3539    | 0.04%  | 0.003%  |  |
| 58 | 7.798 | 7.777 | 7.838 | HH | 1738       | 22796   | 0.27%  | 0.018%  |  |
| 59 | 7.887 | 7.838 | 7.913 | HH | 729        | 9972    | 0.12%  | 0.008%  |  |
| 60 | 7.965 | 7.913 | 8.001 | HH | 1040       | 23435   | 0.27%  | 0.019%  |  |
| 61 | 8.066 | 8.001 | 8.099 | HH | 206919     | 2249257 | 26.16% | 1.799%  |  |
| 62 | 8.124 | 8.099 | 8.201 | HH | 51927      | 663163  | 7.71%  | 0.530%  |  |
| 63 | 8.214 | 8.201 | 8.274 | HH | 1751       | 48464   | 0.56%  | 0.039%  |  |
| 64 | 8.298 | 8.274 | 8.328 | HH | 1304       | 30059   | 0.35%  | 0.024%  |  |
| 65 | 8.349 | 8.328 | 8.377 | HH | 1046       | 22477   | 0.26%  | 0.018%  |  |
| 66 | 8.420 | 8.377 | 8.458 | HH | 1590       | 45143   | 0.53%  | 0.036%  |  |
| 67 | 8.494 | 8.458 | 8.520 | HH | 1466       | 42820   | 0.50%  | 0.034%  |  |
| 68 | 8.539 | 8.520 | 8.585 | HH | 2826       | 69599   | 0.81%  | 0.056%  |  |
| 69 | 8.601 | 8.585 | 8.632 | HH | 2650       | 40948   | 0.48%  | 0.033%  |  |
| 70 | 8.670 | 8.632 | 8.698 | HH | 910        | 29699   | 0.35%  | 0.024%  |  |
| 71 | 8.712 | 8.698 | 8.735 | HH | 614        | 13042   | 0.15%  | 0.010%  |  |
| 72 | 8.746 | 8.735 | 8.761 | HH | 759        | 10436   | 0.12%  | 0.008%  |  |
| 73 | 8.790 | 8.761 | 8.859 | HH | 2927       | 89075   | 1.04%  | 0.071%  |  |
| 74 | 8.887 | 8.859 | 8.931 | HH | 6199       | 99044   | 1.15%  | 0.079%  |  |
| 75 | 8.938 | 8.931 | 8.958 | HH | 958        | 13508   | 0.16%  | 0.011%  |  |
| 76 | 8.970 | 8.958 | 8.994 | HH | 1110       | 19765   | 0.23%  | 0.016%  |  |
| 77 | 9.009 | 8.994 | 9.048 | HH | 938        | 24602   | 0.29%  | 0.020%  |  |
| 78 | 9.078 | 9.048 | 9.098 | HH | 1092       | 23958   | 0.28%  | 0.019%  |  |
| 79 | 9.121 | 9.098 | 9.135 | HH | 828        | 16465   | 0.19%  | 0.013%  |  |
| 80 | 9.171 | 9.135 | 9.198 | HH | 1397       | 37669   | 0.44%  | 0.030%  |  |
| 81 | 9.227 | 9.198 | 9.239 | HH | 1784       | 31680   | 0.37%  | 0.025%  |  |
| 82 | 9.264 | 9.239 | 9.289 | HH | 3046       | 65157   | 0.76%  | 0.052%  |  |
| 83 | 9.305 | 9.289 | 9.317 | HH | 2029       | 29624   | 0.34%  | 0.024%  |  |
| 84 | 9.343 | 9.317 | 9.366 | HH | 2138       | 52062   | 0.61%  | 0.042%  |  |
| 85 | 9.390 | 9.366 | 9.409 | HH | 2574       | 45751   | 0.53%  | 0.037%  |  |
| 86 | 9.444 | 9.409 | 9.466 | HH | 2159       | 52105   | 0.61%  | 0.042%  |  |
| 87 | 9.496 | 9.466 | 9.520 | HH | 5153       | 78841   | 0.92%  | 0.063%  |  |
| 88 | 9.537 | 9.520 | 9.555 | HH | 1429       | 25960   | 0.30%  | 0.021%  |  |
| 89 | 9.600 | 9.555 | 9.633 | HH | 2253       | 85907   | 1.00%  | 0.069%  |  |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 90         | 9.665  | 9.633  | 9.755  | HH | 204129 | 2499799 | 29.08% | 1.999% |
| 91         | 9.764  | 9.755  | 9.861  | HH | 3277   | 148422  | 1.73%  | 0.119% |
| 92         | 9.877  | 9.861  | 9.901  | HH | 2066   | 47665   | 0.55%  | 0.038% |
| 93         | 9.933  | 9.901  | 9.958  | HH | 2502   | 72990   | 0.85%  | 0.058% |
| 94         | 10.010 | 9.958  | 10.024 | HH | 3430   | 102073  | 1.19%  | 0.082% |
| 95         | 10.052 | 10.024 | 10.078 | HH | 6122   | 134675  | 1.57%  | 0.108% |
| 96         | 10.104 | 10.078 | 10.125 | HH | 3907   | 91919   | 1.07%  | 0.074% |
| 97         | 10.141 | 10.125 | 10.161 | HH | 3684   | 68726   | 0.80%  | 0.055% |
| 98         | 10.189 | 10.161 | 10.225 | HH | 4666   | 129335  | 1.50%  | 0.103% |
| 99         | 10.248 | 10.225 | 10.265 | HH | 5666   | 96491   | 1.12%  | 0.077% |
| 100        | 10.283 | 10.265 | 10.290 | HH | 4397   | 58742   | 0.68%  | 0.047% |
| 101        | 10.308 | 10.290 | 10.323 | HH | 7396   | 113180  | 1.32%  | 0.091% |
| 102        | 10.334 | 10.323 | 10.345 | HH | 5716   | 67778   | 0.79%  | 0.054% |
| 103        | 10.402 | 10.345 | 10.429 | HH | 13083  | 359581  | 4.18%  | 0.288% |
| 104        | 10.472 | 10.429 | 10.491 | HH | 8357   | 208511  | 2.43%  | 0.167% |
| 105        | 10.500 | 10.491 | 10.547 | HH | 6343   | 173523  | 2.02%  | 0.139% |
| 106        | 10.567 | 10.547 | 10.598 | HH | 5873   | 133361  | 1.55%  | 0.107% |
| 107        | 10.623 | 10.598 | 10.651 | HH | 5221   | 133739  | 1.56%  | 0.107% |
| 108        | 10.661 | 10.651 | 10.675 | HH | 3515   | 47738   | 0.56%  | 0.038% |
| 109        | 10.711 | 10.675 | 10.745 | HH | 6779   | 199948  | 2.33%  | 0.160% |
| 110        | 10.776 | 10.745 | 10.807 | HH | 5220   | 169816  | 1.98%  | 0.136% |
| 111        | 10.817 | 10.807 | 10.836 | HH | 4099   | 68079   | 0.79%  | 0.054% |
| 112        | 10.859 | 10.836 | 10.890 | HH | 4447   | 130677  | 1.52%  | 0.105% |
| 113        | 10.908 | 10.890 | 10.928 | HH | 4714   | 90098   | 1.05%  | 0.072% |
| 114        | 10.956 | 10.928 | 10.971 | HH | 3840   | 95985   | 1.12%  | 0.077% |
| 115        | 10.990 | 10.971 | 11.009 | HH | 3758   | 83474   | 0.97%  | 0.067% |
| 116        | 11.037 | 11.009 | 11.059 | HH | 4318   | 115454  | 1.34%  | 0.092% |
| 117        | 11.106 | 11.059 | 11.159 | HH | 201446 | 2469936 | 28.73% | 1.975% |
| 118        | 11.190 | 11.159 | 11.238 | HH | 7574   | 251162  | 2.92%  | 0.201% |
| 119        | 11.259 | 11.238 | 11.272 | HH | 5652   | 98409   | 1.14%  | 0.079% |
| 120        | 11.288 | 11.272 | 11.319 | HH | 6121   | 144567  | 1.68%  | 0.116% |
| 121        | 11.340 | 11.319 | 11.358 | HH | 4754   | 98547   | 1.15%  | 0.079% |
| 122        | 11.398 | 11.358 | 11.425 | HH | 4868   | 186969  | 2.17%  | 0.150% |
| 123        | 11.454 | 11.425 | 11.474 | HH | 4618   | 131115  | 1.53%  | 0.105% |
| 124        | 11.526 | 11.474 | 11.563 | HH | 8968   | 330268  | 3.84%  | 0.264% |
| 125        | 11.587 | 11.563 | 11.613 | HH | 5770   | 157361  | 1.83%  | 0.126% |
| 126        | 11.630 | 11.613 | 11.645 | HH | 4836   | 90076   | 1.05%  | 0.072% |
| 127        | 11.654 | 11.645 | 11.685 | HH | 4895   | 113221  | 1.32%  | 0.091% |
| 128        | 11.710 | 11.685 | 11.727 | HH | 5208   | 119841  | 1.39%  | 0.096% |
| 129        | 11.773 | 11.727 | 11.801 | HH | 9240   | 283470  | 3.30%  | 0.227% |
| 130        | 11.827 | 11.801 | 11.842 | HH | 6390   | 140653  | 1.64%  | 0.112% |
| 131        | 11.864 | 11.842 | 11.896 | HH | 7895   | 204622  | 2.38%  | 0.164% |
| 132        | 11.905 | 11.896 | 11.938 | HH | 5488   | 133839  | 1.56%  | 0.107% |
| 133        | 12.028 | 11.938 | 12.098 | HH | 33434  | 937232  | 10.90% | 0.750% |
| 134        | 12.123 | 12.098 | 12.145 | HH | 7336   | 195344  | 2.27%  | 0.156% |
| 135        | 12.155 | 12.145 | 12.175 | HH | 6928   | 121681  | 1.42%  | 0.097% |
| 136        | 12.195 | 12.175 | 12.221 | HH | 7041   | 190600  | 2.22%  | 0.152% |
| 137        | 12.239 | 12.221 | 12.288 | HH | 7377   | 273603  | 3.18%  | 0.219% |
| 138        | 12.346 | 12.288 | 12.379 | HH | 8480   | 401474  | 4.67%  | 0.321% |
| 139        | 12.415 | 12.379 | 12.457 | HH | 184205 | 2521233 | 29.33% | 2.016% |
| 140        | 12.479 | 12.457 | 12.496 | HH | 9584   | 198127  | 2.30%  | 0.158% |
| 141        | 12.510 | 12.496 | 12.531 | HH | 8391   | 167124  | 1.94%  | 0.134% |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 142        | 12.554 | 12.531 | 12.577 | HH | 8252   | 215485  | 2.51%  | 0.172% |
| 143        | 12.597 | 12.577 | 12.621 | HH | 7757   | 198937  | 2.31%  | 0.159% |
| 144        | 12.666 | 12.621 | 12.682 | HH | 8555   | 288689  | 3.36%  | 0.231% |
| 145        | 12.700 | 12.682 | 12.718 | HH | 8775   | 180618  | 2.10%  | 0.144% |
|            |        |        |        |    |        |         |        |        |
| 146        | 12.736 | 12.718 | 12.748 | HH | 8485   | 154491  | 1.80%  | 0.124% |
| 147        | 12.773 | 12.748 | 12.795 | HH | 9520   | 250472  | 2.91%  | 0.200% |
| 148        | 12.819 | 12.795 | 12.847 | HH | 17066  | 406465  | 4.73%  | 0.325% |
| 149        | 12.863 | 12.847 | 12.883 | HH | 11338  | 228093  | 2.65%  | 0.182% |
| 150        | 12.901 | 12.883 | 12.932 | HH | 11744  | 316625  | 3.68%  | 0.253% |
|            |        |        |        |    |        |         |        |        |
| 151        | 12.943 | 12.932 | 13.000 | HH | 10129  | 391749  | 4.56%  | 0.313% |
| 152        | 13.027 | 13.000 | 13.065 | HH | 15912  | 479474  | 5.58%  | 0.383% |
| 153        | 13.088 | 13.065 | 13.147 | HH | 11736  | 537692  | 6.25%  | 0.430% |
| 154        | 13.159 | 13.147 | 13.168 | HH | 10460  | 133237  | 1.55%  | 0.107% |
| 155        | 13.184 | 13.168 | 13.206 | HH | 11089  | 245865  | 2.86%  | 0.197% |
|            |        |        |        |    |        |         |        |        |
| 156        | 13.260 | 13.206 | 13.327 | HH | 12678  | 848354  | 9.87%  | 0.678% |
| 157        | 13.349 | 13.327 | 13.362 | HH | 12010  | 245781  | 2.86%  | 0.197% |
| 158        | 13.432 | 13.362 | 13.471 | HH | 15417  | 856323  | 9.96%  | 0.685% |
| 159        | 13.483 | 13.471 | 13.488 | HH | 13111  | 130655  | 1.52%  | 0.104% |
| 160        | 13.531 | 13.488 | 13.543 | HH | 14897  | 464829  | 5.41%  | 0.372% |
|            |        |        |        |    |        |         |        |        |
| 161        | 13.566 | 13.543 | 13.582 | HH | 17967  | 367057  | 4.27%  | 0.294% |
| 162        | 13.614 | 13.582 | 13.658 | HH | 190969 | 2926414 | 34.04% | 2.340% |
| 163        | 13.671 | 13.658 | 13.691 | HH | 15366  | 293138  | 3.41%  | 0.234% |
| 164        | 13.709 | 13.691 | 13.748 | HH | 15701  | 519379  | 6.04%  | 0.415% |
| 165        | 13.760 | 13.748 | 13.785 | HH | 15748  | 333422  | 3.88%  | 0.267% |
|            |        |        |        |    |        |         |        |        |
| 166        | 13.837 | 13.785 | 13.858 | HH | 17312  | 722046  | 8.40%  | 0.577% |
| 167        | 13.884 | 13.858 | 13.929 | HH | 19377  | 741857  | 8.63%  | 0.593% |
| 168        | 13.975 | 13.929 | 13.985 | HH | 18580  | 589452  | 6.86%  | 0.471% |
| 169        | 14.009 | 13.985 | 14.061 | HH | 22171  | 915694  | 10.65% | 0.732% |
| 170        | 14.112 | 14.061 | 14.139 | HH | 21580  | 937656  | 10.91% | 0.750% |
|            |        |        |        |    |        |         |        |        |
| 171        | 14.177 | 14.139 | 14.206 | HH | 39981  | 1090649 | 12.69% | 0.872% |
| 172        | 14.230 | 14.206 | 14.258 | HH | 25223  | 734433  | 8.54%  | 0.587% |
| 173        | 14.279 | 14.258 | 14.324 | HH | 22859  | 880800  | 10.25% | 0.704% |
| 174        | 14.336 | 14.324 | 14.356 | HH | 21812  | 409639  | 4.77%  | 0.328% |
| 175        | 14.417 | 14.356 | 14.435 | HH | 25164  | 1116743 | 12.99% | 0.893% |
|            |        |        |        |    |        |         |        |        |
| 176        | 14.453 | 14.435 | 14.476 | HH | 25413  | 608634  | 7.08%  | 0.487% |
| 177        | 14.515 | 14.476 | 14.550 | HH | 158564 | 2938035 | 34.18% | 2.350% |
| 178        | 14.571 | 14.550 | 14.586 | HH | 27149  | 571201  | 6.64%  | 0.457% |
| 179        | 14.624 | 14.586 | 14.657 | HH | 28324  | 1161532 | 13.51% | 0.929% |
| 180        | 14.718 | 14.657 | 14.755 | HH | 207572 | 3942730 | 45.86% | 3.153% |
|            |        |        |        |    |        |         |        |        |
| 181        | 14.783 | 14.755 | 14.818 | HH | 31226  | 1132756 | 13.18% | 0.906% |
| 182        | 14.841 | 14.818 | 14.857 | HH | 30835  | 717188  | 8.34%  | 0.574% |
| 183        | 14.867 | 14.857 | 14.894 | HH | 31368  | 666710  | 7.76%  | 0.533% |
| 184        | 14.909 | 14.894 | 14.920 | HH | 30590  | 469260  | 5.46%  | 0.375% |
| 185        | 14.964 | 14.920 | 14.991 | HH | 32744  | 1351958 | 15.73% | 1.081% |
|            |        |        |        |    |        |         |        |        |
| 186        | 15.027 | 14.991 | 15.041 | HH | 33768  | 984560  | 11.45% | 0.787% |
| 187        | 15.100 | 15.041 | 15.181 | HH | 68937  | 3480316 | 40.48% | 2.783% |
| 188        | 15.237 | 15.181 | 15.275 | HH | 55732  | 2319160 | 26.98% | 1.855% |
| 189        | 15.299 | 15.275 | 15.339 | HH | 44412  | 1605353 | 18.67% | 1.284% |
| 190        | 15.360 | 15.339 | 15.387 | HH | 42511  | 1162373 | 13.52% | 0.930% |
|            |        |        |        |    |        |         |        |        |
| 191        | 15.444 | 15.387 | 15.460 | HH | 43009  | 1808054 | 21.03% | 1.446% |
| 192        | 15.488 | 15.460 | 15.528 | HH | 45165  | 1769094 | 20.58% | 1.415% |
| 193        | 15.558 | 15.528 | 15.571 | HH | 46135  | 1161041 | 13.51% | 0.928% |
| 194        | 15.622 | 15.571 | 15.660 | HH | 49041  | 2511626 | 29.22% | 2.009% |

|     |        |        |        |     |                         |           |         |        |
|-----|--------|--------|--------|-----|-------------------------|-----------|---------|--------|
|     |        |        |        |     | rteres.txt              |           |         |        |
| 195 | 15.674 | 15.660 | 15.693 | HH  | 48840                   | 989828    | 11.51%  | 0.792% |
| 196 | 15.740 | 15.693 | 15.777 | HH  | 216127                  | 4729949   | 55.02%  | 3.783% |
| 197 | 15.793 | 15.777 | 15.824 | HH  | 53941                   | 1507633   | 17.54%  | 1.206% |
| 198 | 15.839 | 15.824 | 15.871 | HH  | 53428                   | 1499695   | 17.45%  | 1.199% |
| 199 | 15.919 | 15.871 | 15.950 | HH  | 62040                   | 2680744   | 31.18%  | 2.144% |
| 200 | 16.028 | 15.950 | 16.085 | HH  | 68171                   | 5064120   | 58.91%  | 4.050% |
| 201 | 16.121 | 16.085 | 16.148 | HH  | 70372                   | 2532422   | 29.46%  | 2.025% |
| 202 | 16.223 | 16.148 | 16.248 | HH  | 89258                   | 4286539   | 49.86%  | 3.428% |
| 203 | 16.262 | 16.248 | 16.275 | HH  | 70795                   | 1124668   | 13.08%  | 0.899% |
| 204 | 16.309 | 16.275 | 16.322 | HH  | 78763                   | 2166208   | 25.20%  | 1.732% |
| 205 | 16.354 | 16.322 | 16.400 | HH  | 81769                   | 3725920   | 43.34%  | 2.980% |
| 206 | 16.422 | 16.400 | 16.456 | HH  | 84663                   | 2762572   | 32.14%  | 2.209% |
| 207 | 16.487 | 16.456 | 16.509 | HH  | 83522                   | 2586532   | 30.09%  | 2.068% |
| 208 | 16.560 | 16.509 | 16.591 | HH  | 88501                   | 4255288   | 49.50%  | 3.403% |
| 209 | 16.603 | 16.591 | 16.610 | HH  | 85304                   | 961021    | 11.18%  | 0.769% |
| 210 | 16.694 | 16.610 | 16.723 | HH  | 256930                  | 8596697   | 100.00% | 6.875% |
| 211 | 16.740 | 16.723 | 16.751 | HHA | 112415                  | 1933344   | 22.49%  | 1.546% |
|     |        |        |        |     | Sum of corrected areas: | 125046422 |         |        |

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