

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG111318\  
 Data File : FG002931.D  
 Signal(s) : FID1A.ch  
 Acq On : 13 Nov 2018 23:36  
 Sample : J5909-01  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG102618.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         | 4.458       | 4.435        | 4.482      | BH       | -152           | -7726        | -0.03%         | -0.002%       |
| 2         | 4.503       | 4.482        | 4.522      | PH       | 254            | -5271        | -0.02%         | -0.001%       |
| 3         | 4.533       | 4.522        | 4.541      | PH       | -279           | -4254        | -0.01%         | -0.001%       |
| 4         | 4.558       | 4.541        | 4.582      | PH       | -34            | -6854        | -0.02%         | -0.002%       |
| 5         | 4.608       | 4.582        | 4.642      | PH       | 2933           | 13673        | 0.05%          | 0.003%        |
| 6         | 4.679       | 4.642        | 4.738      | PH       | 791            | 4623         | 0.02%          | 0.001%        |
| 7         | 4.745       | 4.738        | 4.758      | PH       | -9             | -922         | -0.00%         | -0.000%       |
| 8         | 4.795       | 4.758        | 4.823      | PH       | 656            | 508          | 0.00%          | 0.000%        |
| 9         | 4.838       | 4.823        | 4.862      | PH       | -249           | -7757        | -0.03%         | -0.002%       |
| 10        | 4.877       | 4.862        | 4.895      | PH       | -251           | -6235        | -0.02%         | -0.002%       |
| 11        | 4.917       | 4.895        | 4.981      | PH       | 424            | -8095        | -0.03%         | -0.002%       |
| 12        | 5.014       | 4.981        | 5.045      | PH       | 382            | -1242        | -0.00%         | -0.000%       |
| 13        | 5.057       | 5.045        | 5.068      | PH       | 31             | -2148        | -0.01%         | -0.001%       |
| 14        | 5.078       | 5.068        | 5.091      | PH       | -179           | -3306        | -0.01%         | -0.001%       |
| 15        | 5.105       | 5.091        | 5.114      | PH       | -119           | -3411        | -0.01%         | -0.001%       |
| 16        | 5.126       | 5.114        | 5.144      | PH       | -13            | -3229        | -0.01%         | -0.001%       |
| 17        | 5.159       | 5.144        | 5.171      | PH       | 107            | -2354        | -0.01%         | -0.001%       |
| 18        | 5.183       | 5.171        | 5.222      | PH       | 50             | -10314       | -0.04%         | -0.003%       |
| 19        | 5.237       | 5.222        | 5.255      | PH       | -449           | -10701       | -0.04%         | -0.003%       |
| 20        | 5.270       | 5.255        | 5.287      | PH       | -395           | -9909        | -0.03%         | -0.003%       |
| 21        | 5.320       | 5.287        | 5.358      | PH       | 299            | -14639       | -0.05%         | -0.004%       |
| 22        | 5.380       | 5.358        | 5.438      | PH       | -207           | -24494       | -0.09%         | -0.006%       |
| 23        | 5.456       | 5.438        | 5.476      | PH       | -392           | -12216       | -0.04%         | -0.003%       |
| 24        | 5.507       | 5.476        | 5.521      | PH       | 324            | -8687        | -0.03%         | -0.002%       |
| 25        | 5.541       | 5.521        | 5.575      | PH       | 570            | -4108        | -0.01%         | -0.001%       |
| 26        | 5.584       | 5.575        | 5.592      | PH       | -554           | -6000        | -0.02%         | -0.002%       |
| 27        | 5.613       | 5.592        | 5.657      | PH       | -18            | -16289       | -0.06%         | -0.004%       |
| 28        | 5.670       | 5.657        | 5.675      | PH       | -540           | -5961        | -0.02%         | -0.002%       |
| 29        | 5.696       | 5.675        | 5.717      | PH       | 220            | -5579        | -0.02%         | -0.001%       |
| 30        | 5.735       | 5.717        | 5.748      | PH       | 477            | -104         | -0.00%         | -0.000%       |
| 31        | 5.789       | 5.748        | 5.825      | PH       | 1906           | 20631        | 0.07%          | 0.005%        |
| 32        | 5.843       | 5.825        | 5.862      | PH       | 909            | 2573         | 0.01%          | 0.001%        |
| 33        | 5.875       | 5.862        | 5.895      | PH       | -180           | -5670        | -0.02%         | -0.001%       |
| 34        | 5.910       | 5.895        | 5.920      | PH       | -174           | -4669        | -0.02%         | -0.001%       |
| 35        | 5.938       | 5.920        | 5.988      | PH       | 1615           | 2567         | 0.01%          | 0.001%        |
| 36        | 6.011       | 5.988        | 6.022      | PH       | 257            | -2254        | -0.01%         | -0.001%       |

|    |       |       |       |    |            |        |        |         |
|----|-------|-------|-------|----|------------|--------|--------|---------|
|    |       |       |       |    | rteres.txt |        |        |         |
| 37 | 6.058 | 6.022 | 6.091 | PH | 45923      | 420233 | 1.47%  | 0.107%  |
| 38 | 6.106 | 6.091 | 6.133 | PH | 778        | 4395   | 0.02%  | 0.001%  |
| 39 | 6.156 | 6.133 | 6.173 | PH | 335        | -1914  | -0.01% | -0.000% |
| 40 | 6.199 | 6.173 | 6.219 | PH | 2033       | 17025  | 0.06%  | 0.004%  |
| 41 | 6.232 | 6.219 | 6.252 | PH | 119        | -1561  | -0.01% | -0.000% |
| 42 | 6.276 | 6.252 | 6.302 | PH | 167        | -234   | -0.00% | -0.000% |
| 43 | 6.332 | 6.302 | 6.375 | PH | 406        | 3453   | 0.01%  | 0.001%  |
| 44 | 6.413 | 6.375 | 6.458 | PH | 173        | -6221  | -0.02% | -0.002% |
| 45 | 6.492 | 6.458 | 6.555 | PH | 2960       | 20442  | 0.07%  | 0.005%  |
| 46 | 6.564 | 6.555 | 6.577 | PH | -307       | -4507  | -0.02% | -0.001% |
| 47 | 6.611 | 6.577 | 6.670 | PH | 1227       | 6013   | 0.02%  | 0.002%  |
| 48 | 6.690 | 6.670 | 6.732 | PH | 1627       | 6128   | 0.02%  | 0.002%  |
| 49 | 6.737 | 6.732 | 6.749 | PH | -374       | -4062  | -0.01% | -0.001% |
| 50 | 6.772 | 6.749 | 6.782 | PH | 1136       | 6899   | 0.02%  | 0.002%  |
| 51 | 6.792 | 6.782 | 6.843 | HH | 1128       | 7665   | 0.03%  | 0.002%  |
| 52 | 6.866 | 6.843 | 6.875 | PH | 407        | 1339   | 0.00%  | 0.000%  |
| 53 | 6.892 | 6.875 | 6.922 | HH | 1291       | 15225  | 0.05%  | 0.004%  |
| 54 | 6.962 | 6.922 | 6.988 | PH | 878        | 15740  | 0.06%  | 0.004%  |
| 55 | 7.023 | 6.988 | 7.039 | HH | 1675       | 18719  | 0.07%  | 0.005%  |
| 56 | 7.054 | 7.039 | 7.083 | HH | 983        | 10635  | 0.04%  | 0.003%  |
| 57 | 7.117 | 7.083 | 7.150 | PH | 47521      | 462304 | 1.62%  | 0.117%  |
| 58 | 7.171 | 7.150 | 7.188 | HH | 3102       | 37965  | 0.13%  | 0.010%  |
| 59 | 7.209 | 7.188 | 7.228 | HH | 1682       | 25137  | 0.09%  | 0.006%  |
| 60 | 7.252 | 7.228 | 7.296 | PH | 67701      | 661671 | 2.32%  | 0.168%  |
| 61 | 7.310 | 7.296 | 7.339 | HH | 700        | 11155  | 0.04%  | 0.003%  |
| 62 | 7.352 | 7.339 | 7.372 | HH | 594        | 6737   | 0.02%  | 0.002%  |
| 63 | 7.380 | 7.372 | 7.393 | HH | 200        | 1896   | 0.01%  | 0.000%  |
| 64 | 7.413 | 7.393 | 7.432 | HH | 1202       | 11430  | 0.04%  | 0.003%  |
| 65 | 7.449 | 7.432 | 7.457 | HH | 553        | 4316   | 0.02%  | 0.001%  |
| 66 | 7.475 | 7.457 | 7.527 | HH | 1771       | 24867  | 0.09%  | 0.006%  |
| 67 | 7.550 | 7.527 | 7.572 | PH | 2140       | 24326  | 0.09%  | 0.006%  |
| 68 | 7.593 | 7.572 | 7.622 | HH | 2039       | 29772  | 0.10%  | 0.008%  |
| 69 | 7.643 | 7.622 | 7.661 | HH | 598        | 7294   | 0.03%  | 0.002%  |
| 70 | 7.672 | 7.661 | 7.682 | PH | 146        | 856    | 0.00%  | 0.000%  |
| 71 | 7.705 | 7.682 | 7.728 | PH | 1400       | 17032  | 0.06%  | 0.004%  |
| 72 | 7.749 | 7.728 | 7.778 | HH | 3871       | 42154  | 0.15%  | 0.011%  |
| 73 | 7.842 | 7.778 | 7.892 | HH | 20118      | 251340 | 0.88%  | 0.064%  |
| 74 | 7.897 | 7.892 | 7.908 | HH | 909        | 8379   | 0.03%  | 0.002%  |
| 75 | 7.942 | 7.908 | 7.959 | HH | 2087       | 37145  | 0.13%  | 0.009%  |
| 76 | 8.000 | 7.959 | 8.035 | HH | 20250      | 273086 | 0.96%  | 0.069%  |
| 77 | 8.044 | 8.035 | 8.058 | HH | 2311       | 26845  | 0.09%  | 0.007%  |
| 78 | 8.098 | 8.058 | 8.151 | HH | 32152      | 673587 | 2.36%  | 0.171%  |
| 79 | 8.170 | 8.151 | 8.188 | HH | 5441       | 68163  | 0.24%  | 0.017%  |
| 80 | 8.217 | 8.188 | 8.232 | HH | 79565      | 851766 | 2.98%  | 0.216%  |
| 81 | 8.245 | 8.232 | 8.266 | HH | 48618      | 493878 | 1.73%  | 0.125%  |
| 82 | 8.277 | 8.266 | 8.311 | HH | 5749       | 92799  | 0.33%  | 0.024%  |
| 83 | 8.346 | 8.311 | 8.361 | HH | 48611      | 564539 | 1.98%  | 0.143%  |
| 84 | 8.379 | 8.361 | 8.389 | HH | 30868      | 429338 | 1.50%  | 0.109%  |
| 85 | 8.398 | 8.389 | 8.438 | HH | 31486      | 421960 | 1.48%  | 0.107%  |
| 86 | 8.454 | 8.438 | 8.470 | HH | 2824       | 42957  | 0.15%  | 0.011%  |
| 87 | 8.491 | 8.470 | 8.522 | HH | 20833      | 229086 | 0.80%  | 0.058%  |
| 88 | 8.537 | 8.522 | 8.556 | HH | 3852       | 50279  | 0.18%  | 0.013%  |
| 89 | 8.578 | 8.556 | 8.590 | HH | 1786       | 32174  | 0.11%  | 0.008%  |

| rteres.txt |        |        |        |    |         |          |         |        |
|------------|--------|--------|--------|----|---------|----------|---------|--------|
| 90         | 8.601  | 8.590  | 8.624  | HH | 2026    | 31430    | 0.11%   | 0.008% |
| 91         | 8.648  | 8.624  | 8.670  | HH | 13428   | 158797   | 0.56%   | 0.040% |
| 92         | 8.700  | 8.670  | 8.723  | HH | 358719  | 3443475  | 12.06%  | 0.873% |
| 93         | 8.741  | 8.723  | 8.782  | HH | 31374   | 384740   | 1.35%   | 0.098% |
| 94         | 8.811  | 8.782  | 8.829  | HH | 13797   | 199165   | 0.70%   | 0.051% |
| 95         | 8.839  | 8.829  | 8.846  | HH | 5233    | 47075    | 0.16%   | 0.012% |
| 96         | 8.860  | 8.846  | 8.876  | HH | 7634    | 100158   | 0.35%   | 0.025% |
| 97         | 8.887  | 8.876  | 8.898  | HH | 4374    | 51200    | 0.18%   | 0.013% |
| 98         | 8.938  | 8.898  | 8.951  | HH | 38836   | 555835   | 1.95%   | 0.141% |
| 99         | 8.971  | 8.951  | 8.996  | HH | 214228  | 2146116  | 7.52%   | 0.544% |
| 100        | 9.008  | 8.996  | 9.038  | HH | 9351    | 146294   | 0.51%   | 0.037% |
| 101        | 9.062  | 9.038  | 9.082  | HH | 11424   | 166892   | 0.58%   | 0.042% |
| 102        | 9.107  | 9.082  | 9.127  | HH | 29144   | 357050   | 1.25%   | 0.091% |
| 103        | 9.148  | 9.127  | 9.195  | HH | 31535   | 447675   | 1.57%   | 0.114% |
| 104        | 9.211  | 9.195  | 9.228  | HH | 2418    | 43096    | 0.15%   | 0.011% |
| 105        | 9.264  | 9.228  | 9.281  | HH | 31773   | 422292   | 1.48%   | 0.107% |
| 106        | 9.296  | 9.281  | 9.324  | HH | 29117   | 333436   | 1.17%   | 0.085% |
| 107        | 9.346  | 9.324  | 9.360  | HH | 5725    | 86600    | 0.30%   | 0.022% |
| 108        | 9.401  | 9.360  | 9.422  | HH | 32761   | 524844   | 1.84%   | 0.133% |
| 109        | 9.438  | 9.422  | 9.455  | HH | 9184    | 133740   | 0.47%   | 0.034% |
| 110        | 9.487  | 9.455  | 9.537  | HH | 412090  | 4267036  | 14.95%  | 1.082% |
| 111        | 9.564  | 9.537  | 9.591  | HH | 34780   | 579730   | 2.03%   | 0.147% |
| 112        | 9.605  | 9.591  | 9.617  | HH | 28754   | 315744   | 1.11%   | 0.080% |
| 113        | 9.637  | 9.617  | 9.677  | HH | 77087   | 1281138  | 4.49%   | 0.325% |
| 114        | 9.696  | 9.677  | 9.731  | HH | 46672   | 686962   | 2.41%   | 0.174% |
| 115        | 9.750  | 9.731  | 9.780  | HH | 10283   | 227772   | 0.80%   | 0.058% |
| 116        | 9.806  | 9.780  | 9.832  | HH | 88796   | 1058330  | 3.71%   | 0.268% |
| 117        | 9.852  | 9.832  | 9.872  | HH | 13727   | 263193   | 0.92%   | 0.067% |
| 118        | 9.907  | 9.872  | 9.948  | HH | 119732  | 1705532  | 5.98%   | 0.432% |
| 119        | 9.969  | 9.948  | 9.986  | HH | 23902   | 304521   | 1.07%   | 0.077% |
| 120        | 10.002 | 9.986  | 10.028 | HH | 13158   | 215152   | 0.75%   | 0.055% |
| 121        | 10.072 | 10.028 | 10.144 | HH | 12457   | 427752   | 1.50%   | 0.108% |
| 122        | 10.171 | 10.144 | 10.207 | HH | 10892   | 212438   | 0.74%   | 0.054% |
| 123        | 10.228 | 10.207 | 10.264 | HH | 15087   | 268536   | 0.94%   | 0.068% |
| 124        | 10.283 | 10.264 | 10.297 | HH | 9859    | 146601   | 0.51%   | 0.037% |
| 125        | 10.369 | 10.297 | 10.391 | HH | 93138   | 1593087  | 5.58%   | 0.404% |
| 126        | 10.409 | 10.391 | 10.443 | HH | 46058   | 631516   | 2.21%   | 0.160% |
| 127        | 10.486 | 10.443 | 10.526 | HH | 65019   | 1252615  | 4.39%   | 0.318% |
| 128        | 10.544 | 10.526 | 10.598 | HH | 24199   | 671174   | 2.35%   | 0.170% |
| 129        | 10.625 | 10.598 | 10.636 | HH | 22009   | 360976   | 1.26%   | 0.092% |
| 130        | 10.658 | 10.636 | 10.669 | HH | 60848   | 764480   | 2.68%   | 0.194% |
| 131        | 10.694 | 10.669 | 10.733 | HH | 141773  | 2366704  | 8.29%   | 0.600% |
| 132        | 10.766 | 10.733 | 10.777 | HH | 20813   | 397331   | 1.39%   | 0.101% |
| 133        | 10.797 | 10.777 | 10.818 | HH | 38939   | 622345   | 2.18%   | 0.158% |
| 134        | 10.834 | 10.818 | 10.844 | HH | 17902   | 243997   | 0.85%   | 0.062% |
| 135        | 10.914 | 10.844 | 10.947 | HH | 1961122 | 28542920 | 100.00% | 7.238% |
| 136        | 10.979 | 10.947 | 11.033 | HH | 826740  | 9637171  | 33.76%  | 2.444% |
| 137        | 11.049 | 11.033 | 11.088 | HH | 20364   | 537993   | 1.88%   | 0.136% |
| 138        | 11.102 | 11.088 | 11.119 | HH | 18524   | 265684   | 0.93%   | 0.067% |
| 139        | 11.141 | 11.119 | 11.159 | HH | 44724   | 609885   | 2.14%   | 0.155% |
| 140        | 11.183 | 11.159 | 11.222 | HH | 174389  | 2134322  | 7.48%   | 0.541% |
| 141        | 11.251 | 11.222 | 11.270 | HH | 18969   | 431382   | 1.51%   | 0.109% |

| rteres.txt |        |        |        |    |         |          |        |        |
|------------|--------|--------|--------|----|---------|----------|--------|--------|
| 142        | 11.292 | 11.270 | 11.308 | HH | 27969   | 498953   | 1.75%  | 0.127% |
| 143        | 11.326 | 11.308 | 11.349 | HH | 25180   | 524622   | 1.84%  | 0.133% |
| 144        | 11.387 | 11.349 | 11.402 | HH | 32471   | 750843   | 2.63%  | 0.190% |
| 145        | 11.425 | 11.402 | 11.468 | HH | 58174   | 1323693  | 4.64%  | 0.336% |
| 146        | 11.491 | 11.468 | 11.515 | HH | 40649   | 722510   | 2.53%  | 0.183% |
| 147        | 11.547 | 11.515 | 11.568 | HH | 41956   | 784855   | 2.75%  | 0.199% |
| 148        | 11.589 | 11.568 | 11.608 | HH | 21914   | 441940   | 1.55%  | 0.112% |
| 149        | 11.620 | 11.608 | 11.634 | HH | 17037   | 243873   | 0.85%  | 0.062% |
| 150        | 11.652 | 11.634 | 11.669 | HH | 25393   | 399817   | 1.40%  | 0.101% |
| 151        | 11.700 | 11.669 | 11.714 | HH | 223981  | 2810633  | 9.85%  | 0.713% |
| 152        | 11.732 | 11.714 | 11.775 | HH | 307985  | 3781074  | 13.25% | 0.959% |
| 153        | 11.819 | 11.775 | 11.836 | HH | 315288  | 5476509  | 19.19% | 1.389% |
| 154        | 11.848 | 11.836 | 11.862 | HH | 130100  | 1537170  | 5.39%  | 0.390% |
| 155        | 11.879 | 11.862 | 11.905 | HH | 200729  | 2682633  | 9.40%  | 0.680% |
| 156        | 11.921 | 11.905 | 11.936 | HH | 28461   | 409448   | 1.43%  | 0.104% |
| 157        | 11.958 | 11.936 | 11.987 | HH | 41352   | 838168   | 2.94%  | 0.213% |
| 158        | 12.021 | 11.987 | 12.042 | HH | 31194   | 786765   | 2.76%  | 0.200% |
| 159        | 12.063 | 12.042 | 12.117 | HH | 61913   | 1398587  | 4.90%  | 0.355% |
| 160        | 12.131 | 12.117 | 12.142 | HH | 22498   | 312093   | 1.09%  | 0.079% |
| 161        | 12.168 | 12.142 | 12.192 | HH | 166814  | 2217419  | 7.77%  | 0.562% |
| 162        | 12.206 | 12.192 | 12.239 | HH | 29868   | 752351   | 2.64%  | 0.191% |
| 163        | 12.265 | 12.239 | 12.292 | HH | 98472   | 1537908  | 5.39%  | 0.390% |
| 164        | 12.316 | 12.292 | 12.335 | HH | 35738   | 674328   | 2.36%  | 0.171% |
| 165        | 12.351 | 12.335 | 12.384 | HH | 22956   | 599640   | 2.10%  | 0.152% |
| 166        | 12.419 | 12.384 | 12.432 | HH | 45211   | 863424   | 3.03%  | 0.219% |
| 167        | 12.444 | 12.432 | 12.466 | HH | 40314   | 640103   | 2.24%  | 0.162% |
| 168        | 12.491 | 12.466 | 12.503 | HH | 63715   | 948604   | 3.32%  | 0.241% |
| 169        | 12.508 | 12.503 | 12.531 | HH | 50522   | 596806   | 2.09%  | 0.151% |
| 170        | 12.570 | 12.531 | 12.584 | HH | 56565   | 1128889  | 3.96%  | 0.286% |
| 171        | 12.605 | 12.584 | 12.626 | HH | 108972  | 1713194  | 6.00%  | 0.434% |
| 172        | 12.648 | 12.626 | 12.694 | HH | 69589   | 2266336  | 7.94%  | 0.575% |
| 173        | 12.745 | 12.694 | 12.766 | HH | 1720662 | 27987641 | 98.05% | 7.097% |
| 174        | 12.788 | 12.766 | 12.806 | HH | 42450   | 731734   | 2.56%  | 0.186% |
| 175        | 12.821 | 12.806 | 12.835 | HH | 25633   | 394451   | 1.38%  | 0.100% |
| 176        | 12.856 | 12.835 | 12.867 | HH | 40189   | 632682   | 2.22%  | 0.160% |
| 177        | 12.908 | 12.867 | 12.926 | HH | 108254  | 2286449  | 8.01%  | 0.580% |
| 178        | 12.941 | 12.926 | 12.979 | HH | 62989   | 1516694  | 5.31%  | 0.385% |
| 179        | 12.987 | 12.979 | 12.995 | HH | 32689   | 293447   | 1.03%  | 0.074% |
| 180        | 13.042 | 12.995 | 13.060 | HH | 1406637 | 20722708 | 72.60% | 5.255% |
| 181        | 13.080 | 13.060 | 13.094 | HH | 234304  | 2830039  | 9.92%  | 0.718% |
| 182        | 13.111 | 13.094 | 13.147 | HH | 264220  | 4093772  | 14.34% | 1.038% |
| 183        | 13.194 | 13.147 | 13.207 | HH | 94148   | 1727005  | 6.05%  | 0.438% |
| 184        | 13.225 | 13.207 | 13.249 | HH | 121328  | 1800786  | 6.31%  | 0.457% |
| 185        | 13.287 | 13.249 | 13.316 | HH | 146758  | 2391975  | 8.38%  | 0.607% |
| 186        | 13.361 | 13.316 | 13.386 | HH | 71645   | 1762873  | 6.18%  | 0.447% |
| 187        | 13.417 | 13.386 | 13.455 | HH | 105026  | 2126777  | 7.45%  | 0.539% |
| 188        | 13.482 | 13.455 | 13.541 | HH | 135931  | 2942150  | 10.31% | 0.746% |
| 189        | 13.615 | 13.541 | 13.654 | HH | 386356  | 7024171  | 24.61% | 1.781% |
| 190        | 13.678 | 13.654 | 13.693 | HH | 51870   | 962994   | 3.37%  | 0.244% |
| 191        | 13.723 | 13.693 | 13.745 | HH | 320006  | 4741864  | 16.61% | 1.202% |
| 192        | 13.762 | 13.745 | 13.787 | HH | 143765  | 2187939  | 7.67%  | 0.555% |
| 193        | 13.799 | 13.787 | 13.818 | HH | 60186   | 976293   | 3.42%  | 0.248% |
| 194        | 13.851 | 13.818 | 13.862 | HH | 92224   | 1766462  | 6.19%  | 0.448% |

|     |        |        |        |    |            |          |        |        |
|-----|--------|--------|--------|----|------------|----------|--------|--------|
|     |        |        |        |    | rteres.txt |          |        |        |
| 195 | 13.869 | 13.862 | 13.874 | HH | 85932      | 633622   | 2.22%  | 0.161% |
| 196 | 13.890 | 13.874 | 13.912 | HH | 126205     | 1959132  | 6.86%  | 0.497% |
| 197 | 13.931 | 13.912 | 13.969 | HH | 123329     | 2228561  | 7.81%  | 0.565% |
| 198 | 14.003 | 13.969 | 14.020 | HH | 51701      | 1266280  | 4.44%  | 0.321% |
| 199 | 14.039 | 14.020 | 14.063 | HH | 43918      | 1013756  | 3.55%  | 0.257% |
| 200 | 14.086 | 14.063 | 14.098 | HH | 38333      | 784565   | 2.75%  | 0.199% |
| 201 | 14.120 | 14.098 | 14.151 | HH | 50783      | 1336554  | 4.68%  | 0.339% |
| 202 | 14.170 | 14.151 | 14.228 | HH | 45143      | 1673170  | 5.86%  | 0.424% |
| 203 | 14.251 | 14.228 | 14.264 | HH | 34132      | 668733   | 2.34%  | 0.170% |
| 204 | 14.317 | 14.264 | 14.336 | HH | 88753      | 2552219  | 8.94%  | 0.647% |
| 205 | 14.350 | 14.336 | 14.379 | HH | 65938      | 1267287  | 4.44%  | 0.321% |
| 206 | 14.417 | 14.379 | 14.438 | HH | 78602      | 2054316  | 7.20%  | 0.521% |
| 207 | 14.452 | 14.438 | 14.501 | HH | 76666      | 2022788  | 7.09%  | 0.513% |
| 208 | 14.529 | 14.501 | 14.548 | HH | 154107     | 2498616  | 8.75%  | 0.634% |
| 209 | 14.559 | 14.548 | 14.567 | HH | 67449      | 722444   | 2.53%  | 0.183% |
| 210 | 14.592 | 14.567 | 14.616 | HH | 245333     | 4065597  | 14.24% | 1.031% |
| 211 | 14.634 | 14.616 | 14.689 | HH | 121754     | 3214456  | 11.26% | 0.815% |
| 212 | 14.716 | 14.689 | 14.724 | HH | 53458      | 973847   | 3.41%  | 0.247% |
| 213 | 14.753 | 14.724 | 14.827 | HH | 188544     | 5285648  | 18.52% | 1.340% |
| 214 | 14.867 | 14.827 | 14.881 | HH | 85781      | 1866986  | 6.54%  | 0.473% |
| 215 | 14.918 | 14.881 | 14.938 | HH | 831226     | 13201929 | 46.25% | 3.348% |
| 216 | 14.964 | 14.938 | 14.986 | HH | 781428     | 11182666 | 39.18% | 2.836% |
| 217 | 14.995 | 14.986 | 15.015 | HH | 54328      | 858656   | 3.01%  | 0.218% |
| 218 | 15.035 | 15.015 | 15.044 | HH | 50198      | 808262   | 2.83%  | 0.205% |
| 219 | 15.075 | 15.044 | 15.118 | HH | 255917     | 4925742  | 17.26% | 1.249% |
| 220 | 15.148 | 15.118 | 15.182 | HH | 128649     | 2862755  | 10.03% | 0.726% |
| 221 | 15.209 | 15.182 | 15.232 | HH | 133871     | 2441567  | 8.55%  | 0.619% |
| 222 | 15.251 | 15.232 | 15.274 | HH | 95474      | 1961183  | 6.87%  | 0.497% |
| 223 | 15.284 | 15.274 | 15.310 | HH | 79469      | 1427426  | 5.00%  | 0.362% |
| 224 | 15.339 | 15.310 | 15.435 | HH | 146169     | 5205166  | 18.24% | 1.320% |
| 225 | 15.479 | 15.435 | 15.507 | HH | 66157      | 2337104  | 8.19%  | 0.593% |
| 226 | 15.537 | 15.507 | 15.558 | HH | 84454      | 2211346  | 7.75%  | 0.561% |
| 227 | 15.581 | 15.558 | 15.602 | HH | 201751     | 3313280  | 11.61% | 0.840% |
| 228 | 15.619 | 15.602 | 15.646 | HH | 117773     | 2280963  | 7.99%  | 0.578% |
| 229 | 15.669 | 15.646 | 15.699 | HH | 117034     | 2563834  | 8.98%  | 0.650% |
| 230 | 15.743 | 15.699 | 15.778 | HH | 177536     | 5131289  | 17.98% | 1.301% |
| 231 | 15.817 | 15.778 | 15.848 | HH | 100719     | 2877795  | 10.08% | 0.730% |
| 232 | 15.857 | 15.848 | 15.879 | HH | 55875      | 948237   | 3.32%  | 0.240% |
| 233 | 15.901 | 15.879 | 15.924 | HH | 80392      | 1628002  | 5.70%  | 0.413% |
| 234 | 15.949 | 15.924 | 15.966 | HH | 85576      | 1713829  | 6.00%  | 0.435% |
| 235 | 15.981 | 15.966 | 15.999 | HH | 80086      | 1501571  | 5.26%  | 0.381% |
| 236 | 16.007 | 15.999 | 16.037 | HH | 68179      | 1315281  | 4.61%  | 0.334% |
| 237 | 16.079 | 16.037 | 16.097 | HH | 56056      | 1765138  | 6.18%  | 0.448% |
| 238 | 16.111 | 16.097 | 16.129 | HH | 51935      | 931619   | 3.26%  | 0.236% |
| 239 | 16.177 | 16.129 | 16.200 | HH | 66819      | 2374947  | 8.32%  | 0.602% |
| 240 | 16.217 | 16.200 | 16.234 | HH | 61753      | 1145809  | 4.01%  | 0.291% |
| 241 | 16.260 | 16.234 | 16.318 | HH | 90925      | 3352535  | 11.75% | 0.850% |
| 242 | 16.384 | 16.318 | 16.422 | HH | 97437      | 4469588  | 15.66% | 1.133% |
| 243 | 16.490 | 16.422 | 16.540 | HH | 706020     | 19595725 | 68.65% | 4.969% |
| 244 | 16.548 | 16.540 | 16.568 | HH | 65832      | 1063058  | 3.72%  | 0.270% |
| 245 | 16.609 | 16.568 | 16.629 | HH | 238096     | 4375206  | 15.33% | 1.109% |
| 246 | 16.638 | 16.629 | 16.656 | HH | 88702      | 1261408  | 4.42%  | 0.320% |

|     |        |        |        |     |                         |          |           |        |
|-----|--------|--------|--------|-----|-------------------------|----------|-----------|--------|
|     |        |        |        |     | rteres.txt              |          |           |        |
| 247 | 16.670 | 16.656 | 16.688 | HH  | 69482                   | 1278286  | 4.48%     | 0.324% |
| 248 | 16.727 | 16.688 | 16.741 | HH  | 87237                   | 2369359  | 8.30%     | 0.601% |
| 249 | 16.808 | 16.741 | 16.833 | HH  | 463049                  | 10656992 | 37.34%    | 2.702% |
| 250 | 16.874 | 16.833 | 16.900 | HH  | 703973                  | 11825056 | 41.43%    | 2.999% |
| 251 | 16.930 | 16.900 | 16.941 | HH  | 111990                  | 2160238  | 7.57%     | 0.548% |
| 252 | 16.963 | 16.941 | 16.982 | HHA | 282013                  | 4274651  | 14.98%    | 1.084% |
|     |        |        |        |     | Sum of corrected areas: |          | 394345924 |        |

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