

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG062718\  
 Data File : FG001492.D  
 Signal(s) : FID1A.ch  
 Acq On : 27 Jun 2018 19:15  
 Sample : J3242-07 10X  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\PESTPCBSRV\HPCHEM1\FID\_G\Method\FG060118.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         | 4.237       | 4.225        | 4.247      | BH       | 202            | 559          | 0.00%          | 0.000%        |
| 2         | 4.259       | 4.247        | 4.292      | PH       | 235            | -27          | -0.00%         | -0.000%       |
| 3         | 4.308       | 4.292        | 4.321      | PH       | 161            | -1577        | -0.00%         | -0.000%       |
| 4         | 4.339       | 4.321        | 4.376      | PH       | 1144           | 4056         | 0.01%          | 0.001%        |
| 5         | 4.418       | 4.376        | 4.446      | PH       | 1587           | 15852        | 0.05%          | 0.005%        |
| 6         | 4.484       | 4.446        | 4.510      | HH       | 3484           | 77616        | 0.24%          | 0.022%        |
| 7         | 4.525       | 4.510        | 4.560      | HH       | 4700           | 55132        | 0.17%          | 0.016%        |
| 8         | 4.577       | 4.560        | 4.587      | HH       | 1461           | 18319        | 0.06%          | 0.005%        |
| 9         | 4.599       | 4.587        | 4.619      | HH       | 1792           | 23211        | 0.07%          | 0.007%        |
| 10        | 4.641       | 4.619        | 4.656      | HH       | 1622           | 23928        | 0.07%          | 0.007%        |
| 11        | 4.674       | 4.656        | 4.704      | HH       | 4302           | 63095        | 0.20%          | 0.018%        |
| 12        | 4.738       | 4.704        | 4.772      | HH       | 4050           | 68233        | 0.21%          | 0.020%        |
| 13        | 4.791       | 4.772        | 4.813      | HH       | 1471           | 26926        | 0.08%          | 0.008%        |
| 14        | 4.826       | 4.813        | 4.846      | HH       | 1558           | 19036        | 0.06%          | 0.005%        |
| 15        | 4.890       | 4.846        | 4.935      | PH       | 3437           | 95106        | 0.30%          | 0.027%        |
| 16        | 4.958       | 4.935        | 4.969      | HH       | 2821           | 36377        | 0.11%          | 0.010%        |
| 17        | 4.985       | 4.969        | 4.996      | HH       | 5507           | 62015        | 0.19%          | 0.018%        |
| 18        | 5.010       | 4.996        | 5.052      | HH       | 4581           | 106872       | 0.33%          | 0.031%        |
| 19        | 5.077       | 5.052        | 5.089      | HH       | 2940           | 47912        | 0.15%          | 0.014%        |
| 20        | 5.107       | 5.089        | 5.118      | HH       | 3411           | 48100        | 0.15%          | 0.014%        |
| 21        | 5.129       | 5.118        | 5.142      | HH       | 3402           | 44256        | 0.14%          | 0.013%        |
| 22        | 5.164       | 5.142        | 5.178      | HH       | 3993           | 67413        | 0.21%          | 0.019%        |
| 23        | 5.194       | 5.178        | 5.234      | HH       | 5746           | 123994       | 0.39%          | 0.036%        |
| 24        | 5.252       | 5.234        | 5.273      | HH       | 3574           | 70230        | 0.22%          | 0.020%        |
| 25        | 5.285       | 5.273        | 5.294      | HH       | 2913           | 31169        | 0.10%          | 0.009%        |
| 26        | 5.325       | 5.294        | 5.346      | HH       | 14307          | 221039       | 0.69%          | 0.064%        |
| 27        | 5.377       | 5.346        | 5.412      | HH       | 6275           | 168541       | 0.53%          | 0.048%        |
| 28        | 5.429       | 5.412        | 5.443      | HH       | 4701           | 69186        | 0.22%          | 0.020%        |
| 29        | 5.453       | 5.443        | 5.462      | HH       | 4078           | 44523        | 0.14%          | 0.013%        |
| 30        | 5.485       | 5.462        | 5.514      | HH       | 19770          | 294181       | 0.92%          | 0.085%        |
| 31        | 5.561       | 5.514        | 5.575      | HH       | 7504           | 207536       | 0.65%          | 0.060%        |
| 32        | 5.592       | 5.575        | 5.636      | HH       | 10419          | 250255       | 0.78%          | 0.072%        |
| 33        | 5.655       | 5.636        | 5.665      | HH       | 6424           | 91380        | 0.29%          | 0.026%        |
| 34        | 5.675       | 5.665        | 5.685      | HH       | 6117           | 68762        | 0.21%          | 0.020%        |
| 35        | 5.714       | 5.685        | 5.735      | HH       | 7957           | 192046       | 0.60%          | 0.055%        |
| 36        | 5.762       | 5.735        | 5.778      | HH       | 8350           | 150306       | 0.47%          | 0.043%        |

| rteres.txt |       |       |       |    |        |         |       |        |
|------------|-------|-------|-------|----|--------|---------|-------|--------|
| 37         | 5.812 | 5.778 | 5.831 | HH | 11424  | 257198  | 0.80% | 0.074% |
| 38         | 5.853 | 5.831 | 5.879 | HH | 12383  | 269727  | 0.84% | 0.078% |
| 39         | 5.901 | 5.879 | 5.922 | HH | 13047  | 247030  | 0.77% | 0.071% |
| 40         | 5.949 | 5.922 | 5.969 | HH | 11830  | 249499  | 0.78% | 0.072% |
|            |       |       |       |    |        |         |       |        |
| 41         | 5.989 | 5.969 | 6.002 | HH | 12536  | 204702  | 0.64% | 0.059% |
| 42         | 6.030 | 6.002 | 6.054 | HH | 14726  | 377380  | 1.18% | 0.109% |
| 43         | 6.091 | 6.054 | 6.107 | HH | 12642  | 338959  | 1.06% | 0.097% |
| 44         | 6.122 | 6.107 | 6.146 | HH | 11750  | 240079  | 0.75% | 0.069% |
| 45         | 6.168 | 6.146 | 6.183 | HH | 16635  | 289717  | 0.90% | 0.083% |
|            |       |       |       |    |        |         |       |        |
| 46         | 6.212 | 6.183 | 6.229 | HH | 17356  | 402660  | 1.26% | 0.116% |
| 47         | 6.241 | 6.229 | 6.273 | HH | 14160  | 350358  | 1.09% | 0.101% |
| 48         | 6.287 | 6.273 | 6.312 | HH | 15453  | 308367  | 0.96% | 0.089% |
| 49         | 6.322 | 6.312 | 6.338 | HH | 13677  | 195853  | 0.61% | 0.056% |
| 50         | 6.375 | 6.338 | 6.398 | HH | 15236  | 449510  | 1.40% | 0.129% |
|            |       |       |       |    |        |         |       |        |
| 51         | 6.437 | 6.398 | 6.458 | HH | 41805  | 835263  | 2.61% | 0.240% |
| 52         | 6.474 | 6.458 | 6.496 | HH | 27202  | 468440  | 1.46% | 0.135% |
| 53         | 6.509 | 6.496 | 6.521 | HH | 16345  | 215883  | 0.67% | 0.062% |
| 54         | 6.562 | 6.521 | 6.580 | HH | 18790  | 582548  | 1.82% | 0.168% |
| 55         | 6.610 | 6.580 | 6.654 | HH | 20221  | 757193  | 2.36% | 0.218% |
|            |       |       |       |    |        |         |       |        |
| 56         | 6.681 | 6.654 | 6.718 | HH | 24829  | 698558  | 2.18% | 0.201% |
| 57         | 6.744 | 6.718 | 6.761 | HH | 22193  | 487151  | 1.52% | 0.140% |
| 58         | 6.805 | 6.761 | 6.824 | HH | 30941  | 921958  | 2.88% | 0.265% |
| 59         | 6.844 | 6.824 | 6.870 | HH | 31743  | 643738  | 2.01% | 0.185% |
| 60         | 6.899 | 6.870 | 6.966 | HH | 27301  | 1279090 | 3.99% | 0.368% |
|            |       |       |       |    |        |         |       |        |
| 61         | 6.990 | 6.966 | 7.025 | HH | 78345  | 1390146 | 4.34% | 0.400% |
| 62         | 7.045 | 7.025 | 7.065 | HH | 27963  | 588149  | 1.83% | 0.169% |
| 63         | 7.087 | 7.065 | 7.107 | HH | 35819  | 685964  | 2.14% | 0.197% |
| 64         | 7.117 | 7.107 | 7.143 | HH | 24346  | 494955  | 1.54% | 0.142% |
| 65         | 7.185 | 7.143 | 7.198 | HH | 33278  | 934836  | 2.92% | 0.269% |
|            |       |       |       |    |        |         |       |        |
| 66         | 7.211 | 7.198 | 7.233 | HH | 41516  | 683775  | 2.13% | 0.197% |
| 67         | 7.258 | 7.233 | 7.283 | HH | 30734  | 828975  | 2.59% | 0.238% |
| 68         | 7.299 | 7.283 | 7.312 | HH | 31681  | 492855  | 1.54% | 0.142% |
| 69         | 7.341 | 7.312 | 7.358 | HH | 32566  | 837094  | 2.61% | 0.241% |
| 70         | 7.383 | 7.358 | 7.414 | HH | 54252  | 1291840 | 4.03% | 0.372% |
|            |       |       |       |    |        |         |       |        |
| 71         | 7.430 | 7.414 | 7.451 | HH | 32938  | 624349  | 1.95% | 0.180% |
| 72         | 7.495 | 7.451 | 7.509 | HH | 39145  | 1087737 | 3.39% | 0.313% |
| 73         | 7.540 | 7.509 | 7.560 | HH | 73429  | 1033682 | 3.22% | 0.297% |
| 74         | 7.577 | 7.560 | 7.608 | HH | 35045  | 888179  | 2.77% | 0.255% |
| 75         | 7.636 | 7.608 | 7.653 | HH | 46962  | 967639  | 3.02% | 0.278% |
|            |       |       |       |    |        |         |       |        |
| 76         | 7.685 | 7.653 | 7.703 | HH | 39478  | 1077822 | 3.36% | 0.310% |
| 77         | 7.730 | 7.703 | 7.749 | HH | 40189  | 999937  | 3.12% | 0.288% |
| 78         | 7.776 | 7.749 | 7.792 | HH | 44127  | 1016541 | 3.17% | 0.292% |
| 79         | 7.813 | 7.792 | 7.857 | HH | 86510  | 2047351 | 6.39% | 0.589% |
| 80         | 7.903 | 7.857 | 7.930 | HH | 121441 | 2523776 | 7.87% | 0.726% |
|            |       |       |       |    |        |         |       |        |
| 81         | 7.953 | 7.930 | 7.973 | HH | 53991  | 1140713 | 3.56% | 0.328% |
| 82         | 7.990 | 7.973 | 8.004 | HH | 47428  | 813370  | 2.54% | 0.234% |
| 83         | 8.027 | 8.004 | 8.065 | HH | 49991  | 1745463 | 5.44% | 0.502% |
| 84         | 8.082 | 8.065 | 8.101 | HH | 65972  | 1219847 | 3.80% | 0.351% |
| 85         | 8.133 | 8.101 | 8.160 | HH | 60382  | 1836102 | 5.73% | 0.528% |
|            |       |       |       |    |        |         |       |        |
| 86         | 8.177 | 8.160 | 8.208 | HH | 53788  | 1371272 | 4.28% | 0.394% |
| 87         | 8.234 | 8.208 | 8.278 | HH | 103346 | 2554535 | 7.97% | 0.735% |
| 88         | 8.296 | 8.278 | 8.311 | HH | 55996  | 1007780 | 3.14% | 0.290% |
| 89         | 8.325 | 8.311 | 8.345 | HH | 53822  | 1014647 | 3.16% | 0.292% |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 90         | 8.365  | 8.345  | 8.393  | HH | 50938  | 1366362 | 4.26%  | 0.393% |
| 91         | 8.408  | 8.393  | 8.418  | HH | 44049  | 624143  | 1.95%  | 0.179% |
| 92         | 8.465  | 8.418  | 8.485  | HH | 65392  | 2279796 | 7.11%  | 0.656% |
| 93         | 8.501  | 8.485  | 8.512  | HH | 60495  | 905028  | 2.82%  | 0.260% |
| 94         | 8.530  | 8.512  | 8.553  | HH | 98650  | 1747537 | 5.45%  | 0.503% |
| 95         | 8.619  | 8.553  | 8.645  | HH | 166729 | 4587091 | 14.31% | 1.319% |
| 96         | 8.666  | 8.645  | 8.677  | HH | 53400  | 978934  | 3.05%  | 0.282% |
| 97         | 8.694  | 8.677  | 8.709  | HH | 66231  | 1136229 | 3.54%  | 0.327% |
| 98         | 8.723  | 8.709  | 8.737  | HH | 58421  | 934365  | 2.91%  | 0.269% |
| 99         | 8.762  | 8.737  | 8.779  | HH | 67676  | 1514606 | 4.72%  | 0.436% |
| 100        | 8.793  | 8.779  | 8.806  | HH | 57250  | 853052  | 2.66%  | 0.245% |
| 101        | 8.837  | 8.806  | 8.873  | HH | 64759  | 2400941 | 7.49%  | 0.690% |
| 102        | 8.904  | 8.873  | 8.960  | HH | 81925  | 3318157 | 10.35% | 0.954% |
| 103        | 8.987  | 8.960  | 9.010  | HH | 71794  | 1746748 | 5.45%  | 0.502% |
| 104        | 9.042  | 9.010  | 9.080  | HH | 59543  | 2256313 | 7.04%  | 0.649% |
| 105        | 9.103  | 9.080  | 9.115  | HH | 61073  | 1138843 | 3.55%  | 0.328% |
| 106        | 9.130  | 9.115  | 9.159  | HH | 60509  | 1498500 | 4.67%  | 0.431% |
| 107        | 9.183  | 9.159  | 9.219  | HH | 66306  | 2130946 | 6.65%  | 0.613% |
| 108        | 9.232  | 9.219  | 9.244  | HH | 56669  | 813885  | 2.54%  | 0.234% |
| 109        | 9.279  | 9.244  | 9.312  | HH | 86446  | 2817566 | 8.79%  | 0.810% |
| 110        | 9.354  | 9.312  | 9.383  | HH | 88287  | 2970666 | 9.27%  | 0.854% |
| 111        | 9.411  | 9.383  | 9.422  | HH | 61945  | 1378466 | 4.30%  | 0.396% |
| 112        | 9.440  | 9.422  | 9.483  | HH | 74265  | 2306045 | 7.19%  | 0.663% |
| 113        | 9.524  | 9.483  | 9.548  | HH | 56684  | 2118941 | 6.61%  | 0.609% |
| 114        | 9.559  | 9.548  | 9.569  | HH | 55454  | 677566  | 2.11%  | 0.195% |
| 115        | 9.589  | 9.569  | 9.604  | HH | 65429  | 1264025 | 3.94%  | 0.364% |
| 116        | 9.637  | 9.604  | 9.660  | HH | 78728  | 2286251 | 7.13%  | 0.658% |
| 117        | 9.682  | 9.660  | 9.724  | HH | 103496 | 2727479 | 8.51%  | 0.784% |
| 118        | 9.759  | 9.724  | 9.775  | HH | 64440  | 1862697 | 5.81%  | 0.536% |
| 119        | 9.785  | 9.775  | 9.825  | HH | 63398  | 1770502 | 5.52%  | 0.509% |
| 120        | 9.851  | 9.825  | 9.877  | HH | 61613  | 1780432 | 5.55%  | 0.512% |
| 121        | 9.913  | 9.877  | 9.934  | HH | 59685  | 1941351 | 6.05%  | 0.558% |
| 122        | 9.953  | 9.934  | 9.977  | HH | 60266  | 1432617 | 4.47%  | 0.412% |
| 123        | 10.006 | 9.977  | 10.014 | HH | 58885  | 1284455 | 4.01%  | 0.369% |
| 124        | 10.028 | 10.014 | 10.040 | HH | 62064  | 907313  | 2.83%  | 0.261% |
| 125        | 10.070 | 10.040 | 10.098 | HH | 179573 | 3751138 | 11.70% | 1.079% |
| 126        | 10.117 | 10.098 | 10.136 | HH | 71673  | 1562116 | 4.87%  | 0.449% |
| 127        | 10.146 | 10.136 | 10.165 | HH | 68576  | 1138802 | 3.55%  | 0.328% |
| 128        | 10.182 | 10.165 | 10.197 | HH | 75916  | 1326386 | 4.14%  | 0.381% |
| 129        | 10.214 | 10.197 | 10.237 | HH | 79873  | 1611250 | 5.03%  | 0.463% |
| 130        | 10.257 | 10.237 | 10.292 | HH | 61119  | 1924561 | 6.00%  | 0.553% |
| 131        | 10.320 | 10.292 | 10.337 | HH | 78133  | 1793353 | 5.59%  | 0.516% |
| 132        | 10.355 | 10.337 | 10.374 | HH | 72233  | 1493548 | 4.66%  | 0.430% |
| 133        | 10.420 | 10.374 | 10.451 | HH | 100836 | 3447025 | 10.75% | 0.991% |
| 134        | 10.494 | 10.451 | 10.522 | HH | 304082 | 6092901 | 19.00% | 1.752% |
| 135        | 10.535 | 10.522 | 10.582 | HH | 71959  | 2298006 | 7.17%  | 0.661% |
| 136        | 10.617 | 10.582 | 10.637 | HH | 67928  | 2026222 | 6.32%  | 0.583% |
| 137        | 10.662 | 10.637 | 10.715 | HH | 87267  | 3163623 | 9.87%  | 0.910% |
| 138        | 10.743 | 10.715 | 10.781 | HH | 76614  | 2659317 | 8.29%  | 0.765% |
| 139        | 10.813 | 10.781 | 10.857 | HH | 82209  | 3043044 | 9.49%  | 0.875% |
| 140        | 10.896 | 10.857 | 10.915 | HH | 65403  | 2146701 | 6.70%  | 0.617% |
| 141        | 10.924 | 10.915 | 10.954 | HH | 64728  | 1475170 | 4.60%  | 0.424% |

| rteres.txt |        |        |        |    |         |          |         |        |
|------------|--------|--------|--------|----|---------|----------|---------|--------|
| 142        | 10.975 | 10.954 | 11.005 | HH | 69159   | 1867323  | 5.82%   | 0.537% |
| 143        | 11.039 | 11.005 | 11.052 | HH | 61527   | 1687555  | 5.26%   | 0.485% |
| 144        | 11.075 | 11.052 | 11.097 | HH | 67468   | 1762680  | 5.50%   | 0.507% |
| 145        | 11.123 | 11.097 | 11.178 | HH | 94056   | 3507671  | 10.94%  | 1.009% |
| 146        | 11.215 | 11.178 | 11.246 | HH | 178341  | 4115889  | 12.84%  | 1.184% |
| 147        | 11.259 | 11.246 | 11.301 | HH | 61610   | 1940515  | 6.05%   | 0.558% |
| 148        | 11.321 | 11.301 | 11.341 | HH | 59533   | 1356174  | 4.23%   | 0.390% |
| 149        | 11.361 | 11.341 | 11.375 | HH | 58697   | 1146683  | 3.58%   | 0.330% |
| 150        | 11.420 | 11.375 | 11.452 | HH | 66319   | 2848895  | 8.89%   | 0.819% |
| 151        | 11.462 | 11.452 | 11.475 | HH | 57026   | 788927   | 2.46%   | 0.227% |
| 152        | 11.497 | 11.475 | 11.510 | HH | 63705   | 1278707  | 3.99%   | 0.368% |
| 153        | 11.520 | 11.510 | 11.541 | HH | 63637   | 1073301  | 3.35%   | 0.309% |
| 154        | 11.580 | 11.541 | 11.595 | HH | 62199   | 1909135  | 5.95%   | 0.549% |
| 155        | 11.613 | 11.595 | 11.630 | HH | 65436   | 1255008  | 3.91%   | 0.361% |
| 156        | 11.644 | 11.630 | 11.660 | HH | 60088   | 1080550  | 3.37%   | 0.311% |
| 157        | 11.678 | 11.660 | 11.708 | HH | 63289   | 1661917  | 5.18%   | 0.478% |
| 158        | 11.730 | 11.708 | 11.745 | HH | 56634   | 1217284  | 3.80%   | 0.350% |
| 159        | 11.774 | 11.745 | 11.817 | HH | 87185   | 3136553  | 9.78%   | 0.902% |
| 160        | 11.849 | 11.817 | 11.885 | HH | 584113  | 8356483  | 26.06%  | 2.403% |
| 161        | 11.901 | 11.885 | 11.965 | HH | 56779   | 2545437  | 7.94%   | 0.732% |
| 162        | 11.995 | 11.965 | 12.025 | HH | 53640   | 1807515  | 5.64%   | 0.520% |
| 163        | 12.048 | 12.025 | 12.119 | HH | 76920   | 3171839  | 9.89%   | 0.912% |
| 164        | 12.148 | 12.119 | 12.186 | HH | 52551   | 1998478  | 6.23%   | 0.575% |
| 165        | 12.203 | 12.186 | 12.240 | HH | 52120   | 1546230  | 4.82%   | 0.445% |
| 166        | 12.277 | 12.240 | 12.294 | HH | 52374   | 1595820  | 4.98%   | 0.459% |
| 167        | 12.312 | 12.294 | 12.330 | HH | 53072   | 1070966  | 3.34%   | 0.308% |
| 168        | 12.360 | 12.330 | 12.392 | HH | 57995   | 1912669  | 5.97%   | 0.550% |
| 169        | 12.434 | 12.392 | 12.458 | HH | 71520   | 2197260  | 6.85%   | 0.632% |
| 170        | 12.483 | 12.458 | 12.563 | HH | 81828   | 3230250  | 10.07%  | 0.929% |
| 171        | 12.580 | 12.563 | 12.652 | HH | 45104   | 2182495  | 6.81%   | 0.628% |
| 172        | 12.691 | 12.652 | 12.702 | HH | 43382   | 1240121  | 3.87%   | 0.357% |
| 173        | 12.734 | 12.702 | 12.754 | HH | 44155   | 1350482  | 4.21%   | 0.388% |
| 174        | 12.779 | 12.754 | 12.824 | HH | 67109   | 1958470  | 6.11%   | 0.563% |
| 175        | 12.880 | 12.824 | 12.908 | HH | 1898429 | 32062984 | 100.00% | 9.221% |
| 176        | 12.933 | 12.908 | 13.006 | HH | 1242178 | 18809866 | 58.67%  | 5.410% |
| 177        | 13.018 | 13.006 | 13.027 | HH | 38689   | 488853   | 1.52%   | 0.141% |
| 178        | 13.068 | 13.027 | 13.077 | HH | 55548   | 1468487  | 4.58%   | 0.422% |
| 179        | 13.103 | 13.077 | 13.174 | HH | 276169  | 5471902  | 17.07%  | 1.574% |
| 180        | 13.189 | 13.174 | 13.234 | HH | 42821   | 1397090  | 4.36%   | 0.402% |
| 181        | 13.269 | 13.234 | 13.299 | HH | 42055   | 1492641  | 4.66%   | 0.429% |
| 182        | 13.316 | 13.299 | 13.357 | HH | 37432   | 1257893  | 3.92%   | 0.362% |
| 183        | 13.395 | 13.357 | 13.440 | HH | 70655   | 2231672  | 6.96%   | 0.642% |
| 184        | 13.490 | 13.440 | 13.516 | HH | 38971   | 1621234  | 5.06%   | 0.466% |
| 185        | 13.528 | 13.516 | 13.552 | HH | 37609   | 773255   | 2.41%   | 0.222% |
| 186        | 13.564 | 13.552 | 13.596 | HH | 35307   | 860670   | 2.68%   | 0.248% |
| 187        | 13.636 | 13.596 | 13.659 | HH | 44771   | 1417383  | 4.42%   | 0.408% |
| 188        | 13.683 | 13.659 | 13.710 | HH | 40814   | 1151895  | 3.59%   | 0.331% |
| 189        | 13.737 | 13.710 | 13.805 | HH | 42119   | 1924367  | 6.00%   | 0.553% |
| 190        | 13.891 | 13.805 | 13.906 | HH | 61322   | 2237457  | 6.98%   | 0.643% |
| 191        | 13.932 | 13.906 | 13.968 | HH | 55731   | 1666295  | 5.20%   | 0.479% |
| 192        | 13.985 | 13.968 | 14.003 | HH | 32747   | 649037   | 2.02%   | 0.187% |
| 193        | 14.038 | 14.003 | 14.060 | HH | 40502   | 1189747  | 3.71%   | 0.342% |
| 194        | 14.086 | 14.060 | 14.102 | HH | 47502   | 1007466  | 3.14%   | 0.290% |

|                         |        |        |        |    |            |         |       |        |
|-------------------------|--------|--------|--------|----|------------|---------|-------|--------|
|                         |        |        |        |    | rteres.txt |         |       |        |
| 195                     | 14.111 | 14.102 | 14.165 | HH | 40779      | 1209049 | 3.77% | 0.348% |
| 196                     | 14.194 | 14.165 | 14.228 | HH | 45705      | 1329759 | 4.15% | 0.382% |
| 197                     | 14.252 | 14.228 | 14.281 | HH | 60156      | 1283680 | 4.00% | 0.369% |
| 198                     | 14.312 | 14.281 | 14.333 | HH | 39095      | 1033982 | 3.22% | 0.297% |
| 199                     | 14.360 | 14.333 | 14.386 | HH | 35310      | 992843  | 3.10% | 0.286% |
| 200                     | 14.411 | 14.386 | 14.454 | HH | 30313      | 1106437 | 3.45% | 0.318% |
| 201                     | 14.475 | 14.454 | 14.498 | HH | 26607      | 668089  | 2.08% | 0.192% |
| 202                     | 14.533 | 14.498 | 14.565 | HH | 39446      | 1184638 | 3.69% | 0.341% |
| 203                     | 14.577 | 14.565 | 14.601 | HH | 25033      | 529454  | 1.65% | 0.152% |
| 204                     | 14.660 | 14.601 | 14.680 | HH | 36887      | 1355922 | 4.23% | 0.390% |
| 205                     | 14.727 | 14.680 | 14.766 | HH | 48168      | 1887850 | 5.89% | 0.543% |
| 206                     | 14.795 | 14.766 | 14.805 | HH | 26764      | 593869  | 1.85% | 0.171% |
| 207                     | 14.822 | 14.805 | 14.839 | HH | 28416      | 548829  | 1.71% | 0.158% |
| 208                     | 14.867 | 14.839 | 14.953 | HH | 26511      | 1671492 | 5.21% | 0.481% |
| 209                     | 14.973 | 14.953 | 14.993 | HH | 24584      | 576554  | 1.80% | 0.166% |
| 210                     | 15.013 | 14.993 | 15.024 | HH | 24309      | 452800  | 1.41% | 0.130% |
| 211                     | 15.043 | 15.024 | 15.063 | HH | 25014      | 569071  | 1.77% | 0.164% |
| 212                     | 15.084 | 15.063 | 15.102 | HH | 26364      | 579431  | 1.81% | 0.167% |
| 213                     | 15.121 | 15.102 | 15.198 | HH | 30548      | 1464285 | 4.57% | 0.421% |
| 214                     | 15.206 | 15.198 | 15.215 | HH | 22865      | 226749  | 0.71% | 0.065% |
| 215                     | 15.257 | 15.215 | 15.287 | HH | 27398      | 1052116 | 3.28% | 0.303% |
| 216                     | 15.317 | 15.287 | 15.362 | HH | 42670      | 1341209 | 4.18% | 0.386% |
| 217                     | 15.377 | 15.362 | 15.405 | HH | 24708      | 622350  | 1.94% | 0.179% |
| 218                     | 15.440 | 15.405 | 15.453 | HH | 23700      | 668682  | 2.09% | 0.192% |
| 219                     | 15.495 | 15.453 | 15.542 | HH | 26320      | 1310032 | 4.09% | 0.377% |
| 220                     | 15.572 | 15.542 | 15.595 | HH | 25251      | 775824  | 2.42% | 0.223% |
| 221                     | 15.608 | 15.595 | 15.619 | HH | 24216      | 343885  | 1.07% | 0.099% |
| 222                     | 15.658 | 15.619 | 15.678 | HH | 24951      | 881094  | 2.75% | 0.253% |
| 223                     | 15.684 | 15.678 | 15.697 | HH | 24601      | 281492  | 0.88% | 0.081% |
| 224                     | 15.758 | 15.697 | 15.793 | HH | 34211      | 1560095 | 4.87% | 0.449% |
| 225                     | 15.817 | 15.793 | 15.892 | HH | 27260      | 1532242 | 4.78% | 0.441% |
| 226                     | 15.929 | 15.892 | 15.948 | HH | 40015      | 1061619 | 3.31% | 0.305% |
| 227                     | 15.965 | 15.948 | 16.022 | HH | 38152      | 1391060 | 4.34% | 0.400% |
| 228                     | 16.047 | 16.022 | 16.079 | HH | 29560      | 982312  | 3.06% | 0.283% |
| 229                     | 16.136 | 16.079 | 16.172 | HH | 32566      | 1669720 | 5.21% | 0.480% |
| 230                     | 16.223 | 16.172 | 16.276 | HH | 44469      | 2151340 | 6.71% | 0.619% |
| 231                     | 16.305 | 16.276 | 16.333 | HH | 36221      | 1139361 | 3.55% | 0.328% |
| 232                     | 16.355 | 16.333 | 16.377 | HH | 35628      | 901117  | 2.81% | 0.259% |
| 233                     | 16.398 | 16.377 | 16.425 | HH | 34023      | 953975  | 2.98% | 0.274% |
| 234                     | 16.442 | 16.425 | 16.465 | HH | 33951      | 801420  | 2.50% | 0.230% |
| 235                     | 16.472 | 16.465 | 16.486 | HH | 33293      | 418979  | 1.31% | 0.120% |
| 236                     | 16.553 | 16.486 | 16.572 | HH | 63917      | 2219080 | 6.92% | 0.638% |
| 237                     | 16.594 | 16.572 | 16.655 | HH | 83182      | 2523839 | 7.87% | 0.726% |
| 238                     | 16.710 | 16.655 | 16.732 | HH | 43504      | 1779956 | 5.55% | 0.512% |
| 239                     | 16.754 | 16.732 | 16.783 | HH | 42726      | 1240352 | 3.87% | 0.357% |
| Sum of corrected areas: |        |        |        |    | 347714168  |         |       |        |

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