

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062218AL\  
 Data File : FC034910.D  
 Signal(s) : FID1A.CH  
 Acq On : 23 Jun 2018 7:41  
 Sample : J3603-09  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 052418.M  
 Title : GC Extractables

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         | 3.505       | 3.474        | 3.536      | PH       | 134            | 1142         | 0.02%          | 0.001%        |
| 2         | 3.624       | 3.595        | 3.638      | PH       | 178            | 1030         | 0.02%          | 0.001%        |
| 3         | 3.738       | 3.721        | 3.774      | PH       | 196            | 3012         | 0.05%          | 0.002%        |
| 4         | 3.826       | 3.808        | 3.849      | PH       | 58             | 1461         | 0.02%          | 0.001%        |
| 5         | 3.914       | 3.902        | 3.930      | PH       | 176            | 1850         | 0.03%          | 0.001%        |
| 6         | 3.944       | 3.930        | 3.965      | PH       | 145            | 1298         | 0.02%          | 0.001%        |
| 7         | 3.980       | 3.965        | 3.999      | PH       | 104            | 1223         | 0.02%          | 0.001%        |
| 8         | 4.006       | 3.999        | 4.023      | HH       | 112            | 1127         | 0.02%          | 0.001%        |
| 9         | 4.076       | 4.023        | 4.104      | PH       | 388            | 6554         | 0.11%          | 0.004%        |
| 10        | 4.115       | 4.104        | 4.171      | HH       | 182            | 3426         | 0.06%          | 0.002%        |
| 11        | 4.181       | 4.171        | 4.202      | PH       | 131            | 1065         | 0.02%          | 0.001%        |
| 12        | 4.242       | 4.202        | 4.278      | PH       | 255            | 5074         | 0.08%          | 0.003%        |
| 13        | 4.314       | 4.278        | 4.334      | HH       | 258            | 5025         | 0.08%          | 0.003%        |
| 14        | 4.349       | 4.334        | 4.364      | HH       | 164            | 1953         | 0.03%          | 0.001%        |
| 15        | 4.413       | 4.364        | 4.444      | HH       | 307            | 7015         | 0.11%          | 0.004%        |
| 16        | 4.462       | 4.444        | 4.497      | HH       | 272            | 3943         | 0.06%          | 0.002%        |
| 17        | 4.514       | 4.497        | 4.532      | HH       | 219            | 2841         | 0.05%          | 0.002%        |
| 18        | 4.544       | 4.532        | 4.557      | HH       | 170            | 2170         | 0.04%          | 0.001%        |
| 19        | 4.569       | 4.557        | 4.583      | HH       | 249            | 2449         | 0.04%          | 0.001%        |
| 20        | 4.600       | 4.583        | 4.656      | PH       | 269            | 6291         | 0.10%          | 0.004%        |
| 21        | 4.671       | 4.656        | 4.679      | HH       | 197            | 1597         | 0.03%          | 0.001%        |
| 22        | 4.695       | 4.679        | 4.720      | HH       | 351            | 5426         | 0.09%          | 0.003%        |
| 23        | 4.727       | 4.720        | 4.774      | HH       | 267            | 3633         | 0.06%          | 0.002%        |
| 24        | 4.780       | 4.774        | 4.800      | HH       | 136            | 1309         | 0.02%          | 0.001%        |
| 25        | 4.869       | 4.800        | 4.882      | HH       | 321            | 5907         | 0.10%          | 0.003%        |
| 26        | 4.912       | 4.882        | 4.926      | HH       | 411            | 6434         | 0.10%          | 0.004%        |
| 27        | 4.947       | 4.926        | 4.982      | HH       | 2568           | 27863        | 0.45%          | 0.016%        |
| 28        | 5.005       | 4.982        | 5.026      | HH       | 1348           | 14753        | 0.24%          | 0.008%        |
| 29        | 5.033       | 5.026        | 5.044      | HH       | 259            | 2297         | 0.04%          | 0.001%        |
| 30        | 5.055       | 5.044        | 5.092      | HH       | 220            | 4588         | 0.07%          | 0.003%        |
| 31        | 5.139       | 5.092        | 5.162      | HH       | 670            | 12376        | 0.20%          | 0.007%        |
| 32        | 5.174       | 5.162        | 5.222      | HH       | 474            | 10562        | 0.17%          | 0.006%        |
| 33        | 5.235       | 5.222        | 5.279      | HH       | 276            | 7248         | 0.12%          | 0.004%        |
| 34        | 5.316       | 5.279        | 5.334      | HH       | 403            | 7987         | 0.13%          | 0.005%        |
| 35        | 5.351       | 5.334        | 5.362      | HH       | 498            | 6495         | 0.10%          | 0.004%        |
| 36        | 5.392       | 5.362        | 5.430      | HH       | 1633           | 26954        | 0.43%          | 0.015%        |

|    |       |       |       |    |            |       |       |        |  |
|----|-------|-------|-------|----|------------|-------|-------|--------|--|
|    |       |       |       |    | rteres.txt |       |       |        |  |
| 37 | 5.449 | 5.430 | 5.491 | HH | 810        | 14094 | 0.23% | 0.008% |  |
| 38 | 5.531 | 5.491 | 5.577 | HH | 553        | 16348 | 0.26% | 0.009% |  |
| 39 | 5.599 | 5.577 | 5.611 | HH | 292        | 4258  | 0.07% | 0.002% |  |
| 40 | 5.633 | 5.611 | 5.682 | HH | 369        | 10599 | 0.17% | 0.006% |  |
| 41 | 5.717 | 5.682 | 5.737 | HH | 342        | 7943  | 0.13% | 0.005% |  |
| 42 | 5.746 | 5.737 | 5.784 | HH | 283        | 6310  | 0.10% | 0.004% |  |
| 43 | 5.809 | 5.784 | 5.832 | HH | 303        | 7011  | 0.11% | 0.004% |  |
| 44 | 5.857 | 5.832 | 5.872 | HH | 342        | 7326  | 0.12% | 0.004% |  |
| 45 | 5.896 | 5.872 | 5.929 | HH | 507        | 12525 | 0.20% | 0.007% |  |
| 46 | 5.944 | 5.929 | 5.966 | HH | 441        | 7830  | 0.13% | 0.004% |  |
| 47 | 5.995 | 5.966 | 6.016 | HH | 483        | 11113 | 0.18% | 0.006% |  |
| 48 | 6.053 | 6.016 | 6.122 | HH | 548        | 24648 | 0.40% | 0.014% |  |
| 49 | 6.140 | 6.122 | 6.165 | HH | 431        | 9363  | 0.15% | 0.005% |  |
| 50 | 6.182 | 6.165 | 6.191 | HH | 534        | 6843  | 0.11% | 0.004% |  |
| 51 | 6.213 | 6.191 | 6.234 | HH | 611        | 12510 | 0.20% | 0.007% |  |
| 52 | 6.257 | 6.234 | 6.279 | HH | 570        | 12749 | 0.21% | 0.007% |  |
| 53 | 6.289 | 6.279 | 6.307 | HH | 491        | 7462  | 0.12% | 0.004% |  |
| 54 | 6.331 | 6.307 | 6.407 | HH | 1032       | 30857 | 0.50% | 0.017% |  |
| 55 | 6.433 | 6.407 | 6.452 | HH | 409        | 9399  | 0.15% | 0.005% |  |
| 56 | 6.478 | 6.452 | 6.506 | HH | 596        | 14026 | 0.23% | 0.008% |  |
| 57 | 6.518 | 6.506 | 6.539 | HH | 566        | 8743  | 0.14% | 0.005% |  |
| 58 | 6.549 | 6.539 | 6.564 | HH | 427        | 5361  | 0.09% | 0.003% |  |
| 59 | 6.651 | 6.564 | 6.677 | HH | 602        | 30565 | 0.49% | 0.017% |  |
| 60 | 6.688 | 6.677 | 6.697 | HH | 519        | 5619  | 0.09% | 0.003% |  |
| 61 | 6.716 | 6.697 | 6.773 | HH | 610        | 20553 | 0.33% | 0.012% |  |
| 62 | 6.787 | 6.773 | 6.811 | HH | 562        | 10283 | 0.17% | 0.006% |  |
| 63 | 6.824 | 6.811 | 6.841 | HH | 630        | 10065 | 0.16% | 0.006% |  |
| 64 | 6.848 | 6.841 | 6.876 | HH | 685        | 11165 | 0.18% | 0.006% |  |
| 65 | 6.886 | 6.876 | 6.909 | HH | 566        | 9790  | 0.16% | 0.006% |  |
| 66 | 6.933 | 6.909 | 6.940 | HH | 600        | 9065  | 0.15% | 0.005% |  |
| 67 | 6.955 | 6.940 | 6.974 | HH | 697        | 11461 | 0.18% | 0.006% |  |
| 68 | 6.986 | 6.974 | 7.011 | HH | 649        | 11742 | 0.19% | 0.007% |  |
| 69 | 7.030 | 7.011 | 7.076 | HH | 862        | 25223 | 0.41% | 0.014% |  |
| 70 | 7.113 | 7.076 | 7.181 | HH | 818        | 42813 | 0.69% | 0.024% |  |
| 71 | 7.251 | 7.181 | 7.281 | HH | 1440       | 47478 | 0.77% | 0.027% |  |
| 72 | 7.315 | 7.281 | 7.332 | HH | 852        | 19884 | 0.32% | 0.011% |  |
| 73 | 7.344 | 7.332 | 7.357 | HH | 596        | 8890  | 0.14% | 0.005% |  |
| 74 | 7.386 | 7.357 | 7.400 | HH | 789        | 16820 | 0.27% | 0.010% |  |
| 75 | 7.427 | 7.400 | 7.454 | HH | 878        | 24412 | 0.39% | 0.014% |  |
| 76 | 7.469 | 7.454 | 7.495 | HH | 763        | 17010 | 0.27% | 0.010% |  |
| 77 | 7.514 | 7.495 | 7.525 | HH | 963        | 15001 | 0.24% | 0.009% |  |
| 78 | 7.536 | 7.525 | 7.551 | HH | 953        | 13883 | 0.22% | 0.008% |  |
| 79 | 7.594 | 7.551 | 7.607 | HH | 1179       | 33664 | 0.54% | 0.019% |  |
| 80 | 7.670 | 7.607 | 7.694 | HH | 1560       | 66750 | 1.08% | 0.038% |  |
| 81 | 7.702 | 7.694 | 7.749 | HH | 1107       | 31165 | 0.50% | 0.018% |  |
| 82 | 7.770 | 7.749 | 7.795 | HH | 912        | 23414 | 0.38% | 0.013% |  |
| 83 | 7.819 | 7.795 | 7.836 | HH | 1016       | 21751 | 0.35% | 0.012% |  |
| 84 | 7.868 | 7.836 | 7.896 | HH | 1071       | 34025 | 0.55% | 0.019% |  |
| 85 | 7.911 | 7.896 | 7.921 | HH | 932        | 13433 | 0.22% | 0.008% |  |
| 86 | 7.941 | 7.921 | 7.963 | HH | 1594       | 29802 | 0.48% | 0.017% |  |
| 87 | 8.027 | 7.963 | 8.058 | HH | 1553       | 67964 | 1.10% | 0.039% |  |
| 88 | 8.083 | 8.058 | 8.094 | HH | 1231       | 25320 | 0.41% | 0.014% |  |
| 89 | 8.119 | 8.094 | 8.192 | HH | 3067       | 81642 | 1.32% | 0.046% |  |

|            |        |        |        |    |      |        |       |        |
|------------|--------|--------|--------|----|------|--------|-------|--------|
| rteres.txt |        |        |        |    |      |        |       |        |
| 90         | 8.217  | 8.192  | 8.231  | HH | 1037 | 20860  | 0.34% | 0.012% |
| 91         | 8.241  | 8.231  | 8.250  | HH | 929  | 10593  | 0.17% | 0.006% |
| 92         | 8.275  | 8.250  | 8.302  | HH | 1532 | 35943  | 0.58% | 0.020% |
| 93         | 8.306  | 8.302  | 8.346  | HH | 1006 | 22566  | 0.36% | 0.013% |
| 94         | 8.372  | 8.346  | 8.404  | HH | 1093 | 33025  | 0.53% | 0.019% |
| 95         | 8.423  | 8.404  | 8.456  | HH | 1028 | 29470  | 0.48% | 0.017% |
| 96         | 8.504  | 8.456  | 8.519  | HH | 1161 | 41888  | 0.68% | 0.024% |
| 97         | 8.527  | 8.519  | 8.550  | HH | 1247 | 21488  | 0.35% | 0.012% |
| 98         | 8.569  | 8.550  | 8.589  | HH | 1751 | 32013  | 0.52% | 0.018% |
| 99         | 8.654  | 8.589  | 8.681  | HH | 2672 | 87911  | 1.42% | 0.050% |
| 100        | 8.705  | 8.681  | 8.720  | HH | 1343 | 27202  | 0.44% | 0.015% |
| 101        | 8.734  | 8.720  | 8.762  | HH | 1249 | 27942  | 0.45% | 0.016% |
| 102        | 8.804  | 8.762  | 8.814  | HH | 1446 | 39558  | 0.64% | 0.022% |
| 103        | 8.838  | 8.814  | 8.891  | HH | 2535 | 86244  | 1.39% | 0.049% |
| 104        | 8.939  | 8.891  | 8.999  | HH | 4761 | 124984 | 2.02% | 0.071% |
| 105        | 9.021  | 8.999  | 9.047  | HH | 1385 | 36431  | 0.59% | 0.021% |
| 106        | 9.124  | 9.047  | 9.166  | HH | 2565 | 110669 | 1.79% | 0.063% |
| 107        | 9.170  | 9.166  | 9.192  | HH | 1378 | 20344  | 0.33% | 0.012% |
| 108        | 9.235  | 9.192  | 9.279  | HH | 1532 | 66678  | 1.08% | 0.038% |
| 109        | 9.312  | 9.279  | 9.349  | HH | 2266 | 72193  | 1.16% | 0.041% |
| 110        | 9.356  | 9.349  | 9.377  | HH | 1550 | 25575  | 0.41% | 0.014% |
| 111        | 9.397  | 9.377  | 9.417  | HH | 1862 | 39082  | 0.63% | 0.022% |
| 112        | 9.442  | 9.417  | 9.459  | HH | 1948 | 40629  | 0.66% | 0.023% |
| 113        | 9.475  | 9.459  | 9.482  | HH | 1692 | 21775  | 0.35% | 0.012% |
| 114        | 9.494  | 9.482  | 9.524  | HH | 1816 | 38009  | 0.61% | 0.022% |
| 115        | 9.547  | 9.524  | 9.572  | HH | 1451 | 37359  | 0.60% | 0.021% |
| 116        | 9.595  | 9.572  | 9.607  | HH | 1413 | 26869  | 0.43% | 0.015% |
| 117        | 9.634  | 9.607  | 9.659  | HH | 2801 | 61348  | 0.99% | 0.035% |
| 118        | 9.670  | 9.659  | 9.691  | HH | 1767 | 32224  | 0.52% | 0.018% |
| 119        | 9.715  | 9.691  | 9.768  | HH | 8966 | 161261 | 2.60% | 0.091% |
| 120        | 9.812  | 9.768  | 9.862  | HH | 1650 | 83857  | 1.35% | 0.048% |
| 121        | 9.870  | 9.862  | 9.902  | HH | 1347 | 30353  | 0.49% | 0.017% |
| 122        | 9.934  | 9.902  | 9.969  | HH | 1547 | 54135  | 0.87% | 0.031% |
| 123        | 9.992  | 9.969  | 10.022 | HH | 1421 | 43461  | 0.70% | 0.025% |
| 124        | 10.061 | 10.022 | 10.072 | HH | 1858 | 46561  | 0.75% | 0.026% |
| 125        | 10.101 | 10.072 | 10.131 | HH | 3676 | 85207  | 1.37% | 0.048% |
| 126        | 10.150 | 10.131 | 10.172 | HH | 1937 | 45170  | 0.73% | 0.026% |
| 127        | 10.192 | 10.172 | 10.223 | HH | 2155 | 56347  | 0.91% | 0.032% |
| 128        | 10.245 | 10.223 | 10.274 | HH | 2204 | 53312  | 0.86% | 0.030% |
| 129        | 10.281 | 10.274 | 10.315 | HH | 1663 | 38532  | 0.62% | 0.022% |
| 130        | 10.347 | 10.315 | 10.364 | HH | 1849 | 49678  | 0.80% | 0.028% |
| 131        | 10.378 | 10.364 | 10.397 | HH | 2122 | 38041  | 0.61% | 0.022% |
| 132        | 10.451 | 10.397 | 10.493 | HH | 6694 | 170631 | 2.75% | 0.097% |
| 133        | 10.524 | 10.493 | 10.564 | HH | 4533 | 117128 | 1.89% | 0.066% |
| 134        | 10.572 | 10.564 | 10.609 | HH | 2058 | 48312  | 0.78% | 0.027% |
| 135        | 10.639 | 10.609 | 10.652 | HH | 1833 | 44273  | 0.71% | 0.025% |
| 136        | 10.668 | 10.652 | 10.696 | HH | 2024 | 48531  | 0.78% | 0.028% |
| 137        | 10.712 | 10.696 | 10.742 | HH | 1875 | 49501  | 0.80% | 0.028% |
| 138        | 10.769 | 10.742 | 10.806 | HH | 2346 | 80711  | 1.30% | 0.046% |
| 139        | 10.829 | 10.806 | 10.885 | HH | 2494 | 104513 | 1.69% | 0.059% |
| 140        | 10.905 | 10.885 | 10.937 | HH | 2210 | 61969  | 1.00% | 0.035% |
| 141        | 10.957 | 10.937 | 10.989 | HH | 2224 | 59236  | 0.96% | 0.034% |

|     |        |        |        |    | rteres.txt |         |        |        |  |
|-----|--------|--------|--------|----|------------|---------|--------|--------|--|
| 142 | 11.002 | 10.989 | 11.022 | HH | 1941       | 36620   | 0.59%  | 0.021% |  |
| 143 | 11.040 | 11.022 | 11.049 | HH | 1850       | 30057   | 0.48%  | 0.017% |  |
| 144 | 11.083 | 11.049 | 11.121 | HH | 4921       | 121229  | 1.96%  | 0.069% |  |
| 145 | 11.153 | 11.121 | 11.212 | HH | 8127       | 191276  | 3.09%  | 0.108% |  |
| 146 | 11.243 | 11.212 | 11.286 | HH | 3885       | 112770  | 1.82%  | 0.064% |  |
| 147 | 11.307 | 11.286 | 11.320 | HH | 2048       | 39757   | 0.64%  | 0.023% |  |
| 148 | 11.338 | 11.320 | 11.365 | HH | 2183       | 52898   | 0.85%  | 0.030% |  |
| 149 | 11.393 | 11.365 | 11.412 | HH | 2027       | 54005   | 0.87%  | 0.031% |  |
| 150 | 11.450 | 11.412 | 11.462 | HH | 2414       | 66250   | 1.07%  | 0.038% |  |
| 151 | 11.476 | 11.462 | 11.497 | HH | 2409       | 46824   | 0.76%  | 0.027% |  |
| 152 | 11.510 | 11.497 | 11.521 | HH | 2135       | 29344   | 0.47%  | 0.017% |  |
| 153 | 11.552 | 11.521 | 11.577 | HH | 2543       | 78152   | 1.26%  | 0.044% |  |
| 154 | 11.587 | 11.577 | 11.617 | HH | 2362       | 52557   | 0.85%  | 0.030% |  |
| 155 | 11.637 | 11.617 | 11.659 | HH | 2462       | 55727   | 0.90%  | 0.032% |  |
| 156 | 11.667 | 11.659 | 11.687 | HH | 2152       | 34964   | 0.56%  | 0.020% |  |
| 157 | 11.703 | 11.687 | 11.719 | HH | 2132       | 39337   | 0.63%  | 0.022% |  |
| 158 | 11.756 | 11.719 | 11.775 | HH | 2504       | 74829   | 1.21%  | 0.042% |  |
| 159 | 11.819 | 11.775 | 11.879 | HH | 4925       | 176901  | 2.85%  | 0.100% |  |
| 160 | 11.905 | 11.879 | 11.941 | HH | 2398       | 84587   | 1.36%  | 0.048% |  |
| 161 | 11.952 | 11.941 | 11.995 | HH | 2412       | 73429   | 1.18%  | 0.042% |  |
| 162 | 12.016 | 11.995 | 12.069 | HH | 2365       | 101287  | 1.63%  | 0.057% |  |
| 163 | 12.091 | 12.069 | 12.141 | HH | 2669       | 106634  | 1.72%  | 0.060% |  |
| 164 | 12.158 | 12.141 | 12.192 | HH | 2567       | 76519   | 1.23%  | 0.043% |  |
| 165 | 12.205 | 12.192 | 12.215 | HH | 2693       | 35336   | 0.57%  | 0.020% |  |
| 166 | 12.225 | 12.215 | 12.259 | HH | 2584       | 65867   | 1.06%  | 0.037% |  |
| 167 | 12.278 | 12.259 | 12.328 | HH | 2760       | 105849  | 1.71%  | 0.060% |  |
| 168 | 12.399 | 12.328 | 12.429 | HH | 4904       | 182387  | 2.94%  | 0.103% |  |
| 169 | 12.458 | 12.429 | 12.536 | HH | 7079       | 220728  | 3.56%  | 0.125% |  |
| 170 | 12.555 | 12.536 | 12.634 | HH | 3088       | 160119  | 2.58%  | 0.091% |  |
| 171 | 12.645 | 12.634 | 12.675 | HH | 2683       | 62580   | 1.01%  | 0.035% |  |
| 172 | 12.704 | 12.675 | 12.771 | HH | 2724       | 151742  | 2.45%  | 0.086% |  |
| 173 | 12.779 | 12.771 | 12.794 | HH | 2824       | 37996   | 0.61%  | 0.022% |  |
| 174 | 12.821 | 12.794 | 12.831 | HH | 2965       | 61060   | 0.98%  | 0.035% |  |
| 175 | 12.850 | 12.831 | 12.861 | HH | 3070       | 53012   | 0.86%  | 0.030% |  |
| 176 | 12.901 | 12.861 | 12.941 | HH | 86572      | 1189997 | 19.20% | 0.674% |  |
| 177 | 12.951 | 12.941 | 12.979 | HH | 3676       | 79085   | 1.28%  | 0.045% |  |
| 178 | 12.987 | 12.979 | 13.001 | HH | 3333       | 42748   | 0.69%  | 0.024% |  |
| 179 | 13.011 | 13.001 | 13.043 | HH | 3385       | 80647   | 1.30%  | 0.046% |  |
| 180 | 13.068 | 13.043 | 13.152 | HH | 5432       | 240408  | 3.88%  | 0.136% |  |
| 181 | 13.164 | 13.152 | 13.181 | HH | 3270       | 54824   | 0.88%  | 0.031% |  |
| 182 | 13.230 | 13.181 | 13.261 | HH | 3317       | 151512  | 2.44%  | 0.086% |  |
| 183 | 13.302 | 13.261 | 13.313 | HH | 3695       | 108084  | 1.74%  | 0.061% |  |
| 184 | 13.331 | 13.313 | 13.363 | HH | 3806       | 108746  | 1.75%  | 0.062% |  |
| 185 | 13.379 | 13.363 | 13.416 | HH | 3625       | 110007  | 1.77%  | 0.062% |  |
| 186 | 13.437 | 13.416 | 13.456 | HH | 3633       | 84873   | 1.37%  | 0.048% |  |
| 187 | 13.501 | 13.456 | 13.541 | HH | 4126       | 195918  | 3.16%  | 0.111% |  |
| 188 | 13.601 | 13.541 | 13.623 | HH | 5190       | 208898  | 3.37%  | 0.118% |  |
| 189 | 13.652 | 13.623 | 13.688 | HH | 7630       | 205539  | 3.32%  | 0.116% |  |
| 190 | 13.697 | 13.688 | 13.724 | HH | 4117       | 86865   | 1.40%  | 0.049% |  |
| 191 | 13.745 | 13.724 | 13.782 | HH | 4100       | 140144  | 2.26%  | 0.079% |  |
| 192 | 13.800 | 13.782 | 13.826 | HH | 4268       | 107235  | 1.73%  | 0.061% |  |
| 193 | 13.833 | 13.826 | 13.842 | HH | 4088       | 39607   | 0.64%  | 0.022% |  |
| 194 | 13.889 | 13.842 | 13.938 | HH | 4731       | 258079  | 4.16%  | 0.146% |  |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 195 | 13.952 | 13.938 | 13.991 | HH | 4606       | 140662  | 2.27%  | 0.080% |
| 196 | 14.052 | 13.991 | 14.074 | HH | 5219       | 242060  | 3.90%  | 0.137% |
| 197 | 14.088 | 14.074 | 14.124 | HH | 5996       | 155300  | 2.51%  | 0.088% |
| 198 | 14.153 | 14.124 | 14.187 | HH | 6310       | 201565  | 3.25%  | 0.114% |
| 199 | 14.214 | 14.187 | 14.241 | HH | 7016       | 182952  | 2.95%  | 0.104% |
| 200 | 14.274 | 14.241 | 14.302 | HH | 5744       | 199877  | 3.22%  | 0.113% |
| 201 | 14.330 | 14.302 | 14.394 | HH | 5419       | 290158  | 4.68%  | 0.164% |
| 202 | 14.461 | 14.394 | 14.479 | HH | 6539       | 289563  | 4.67%  | 0.164% |
| 203 | 14.494 | 14.479 | 14.524 | HH | 5749       | 151286  | 2.44%  | 0.086% |
| 204 | 14.534 | 14.524 | 14.554 | HH | 5583       | 99300   | 1.60%  | 0.056% |
| 205 | 14.604 | 14.554 | 14.636 | HH | 6111       | 285746  | 4.61%  | 0.162% |
| 206 | 14.649 | 14.636 | 14.671 | HH | 6121       | 129645  | 2.09%  | 0.073% |
| 207 | 14.711 | 14.671 | 14.731 | HH | 6880       | 221446  | 3.57%  | 0.125% |
| 208 | 14.756 | 14.731 | 14.799 | HH | 9384       | 293916  | 4.74%  | 0.167% |
| 209 | 14.808 | 14.799 | 14.817 | HH | 6253       | 67073   | 1.08%  | 0.038% |
| 210 | 14.828 | 14.817 | 14.851 | HH | 6463       | 129454  | 2.09%  | 0.073% |
| 211 | 14.883 | 14.851 | 14.927 | HH | 6732       | 301672  | 4.87%  | 0.171% |
| 212 | 14.946 | 14.927 | 14.979 | HH | 6864       | 206599  | 3.33%  | 0.117% |
| 213 | 14.997 | 14.979 | 15.016 | HH | 7087       | 150967  | 2.44%  | 0.086% |
| 214 | 15.035 | 15.016 | 15.044 | HH | 7044       | 118221  | 1.91%  | 0.067% |
| 215 | 15.064 | 15.044 | 15.084 | HH | 7654       | 174932  | 2.82%  | 0.099% |
| 216 | 15.093 | 15.084 | 15.111 | HH | 7452       | 117399  | 1.89%  | 0.067% |
| 217 | 15.129 | 15.111 | 15.159 | HH | 7409       | 209999  | 3.39%  | 0.119% |
| 218 | 15.187 | 15.159 | 15.236 | HH | 7807       | 350420  | 5.65%  | 0.199% |
| 219 | 15.275 | 15.236 | 15.309 | HH | 11141      | 386742  | 6.24%  | 0.219% |
| 220 | 15.321 | 15.309 | 15.341 | HH | 8448       | 156617  | 2.53%  | 0.089% |
| 221 | 15.359 | 15.341 | 15.370 | HH | 8232       | 141633  | 2.28%  | 0.080% |
| 222 | 15.399 | 15.370 | 15.436 | HH | 8841       | 330481  | 5.33%  | 0.187% |
| 223 | 15.488 | 15.436 | 15.518 | HH | 9116       | 421860  | 6.80%  | 0.239% |
| 224 | 15.527 | 15.518 | 15.551 | HH | 8949       | 170903  | 2.76%  | 0.097% |
| 225 | 15.575 | 15.551 | 15.587 | HH | 9454       | 199939  | 3.23%  | 0.113% |
| 226 | 15.597 | 15.587 | 15.620 | HH | 9589       | 186741  | 3.01%  | 0.106% |
| 227 | 15.667 | 15.620 | 15.681 | HH | 9461       | 335671  | 5.41%  | 0.190% |
| 228 | 15.740 | 15.681 | 15.750 | HH | 10322      | 399526  | 6.44%  | 0.226% |
| 229 | 15.774 | 15.750 | 15.817 | HH | 15409      | 473557  | 7.64%  | 0.268% |
| 230 | 15.840 | 15.817 | 15.862 | HH | 10340      | 275404  | 4.44%  | 0.156% |
| 231 | 15.871 | 15.862 | 15.877 | HH | 10312      | 90816   | 1.46%  | 0.051% |
| 232 | 15.957 | 15.877 | 15.984 | HH | 12642      | 716260  | 11.55% | 0.406% |
| 233 | 16.040 | 15.984 | 16.056 | HH | 12281      | 499519  | 8.06%  | 0.283% |
| 234 | 16.100 | 16.056 | 16.111 | HH | 13091      | 414964  | 6.69%  | 0.235% |
| 235 | 16.130 | 16.111 | 16.182 | HH | 13065      | 539657  | 8.71%  | 0.306% |
| 236 | 16.222 | 16.182 | 16.232 | HH | 13460      | 387056  | 6.24%  | 0.219% |
| 237 | 16.256 | 16.232 | 16.286 | HH | 20547      | 510890  | 8.24%  | 0.290% |
| 238 | 16.300 | 16.286 | 16.316 | HH | 13685      | 240861  | 3.89%  | 0.136% |
| 239 | 16.360 | 16.316 | 16.376 | HH | 14506      | 509460  | 8.22%  | 0.289% |
| 240 | 16.425 | 16.376 | 16.435 | HH | 15592      | 541403  | 8.73%  | 0.307% |
| 241 | 16.459 | 16.435 | 16.484 | HH | 16317      | 466582  | 7.53%  | 0.264% |
| 242 | 16.506 | 16.484 | 16.540 | HH | 16336      | 525754  | 8.48%  | 0.298% |
| 243 | 16.600 | 16.540 | 16.637 | HH | 16838      | 944095  | 15.23% | 0.535% |
| 244 | 16.648 | 16.637 | 16.661 | HH | 16501      | 229996  | 3.71%  | 0.130% |
| 245 | 16.725 | 16.661 | 16.758 | HH | 30040      | 1264325 | 20.39% | 0.717% |
| 246 | 16.775 | 16.758 | 16.794 | HH | 20783      | 422521  | 6.82%  | 0.239% |

| rteres.txt |        |        |        |    |       |         |        |        |
|------------|--------|--------|--------|----|-------|---------|--------|--------|
| 247        | 16.811 | 16.794 | 16.834 | HH | 19578 | 445304  | 7.18%  | 0.252% |
| 248        | 16.850 | 16.834 | 16.862 | HH | 19070 | 319412  | 5.15%  | 0.181% |
| 249        | 16.885 | 16.862 | 16.900 | HH | 21130 | 467177  | 7.54%  | 0.265% |
| 250        | 16.908 | 16.900 | 16.917 | HH | 21356 | 211748  | 3.42%  | 0.120% |
|            |        |        |        |    |       |         |        |        |
| 251        | 16.949 | 16.917 | 16.980 | HH | 23797 | 812101  | 13.10% | 0.460% |
| 252        | 17.021 | 16.980 | 17.062 | HH | 22634 | 1055749 | 17.03% | 0.598% |
| 253        | 17.068 | 17.062 | 17.076 | HH | 21577 | 171834  | 2.77%  | 0.097% |
| 254        | 17.121 | 17.076 | 17.145 | HH | 26061 | 983552  | 15.87% | 0.557% |
| 255        | 17.174 | 17.145 | 17.217 | HH | 39673 | 1234725 | 19.92% | 0.700% |
|            |        |        |        |    |       |         |        |        |
| 256        | 17.234 | 17.217 | 17.248 | HH | 25608 | 458769  | 7.40%  | 0.260% |
| 257        | 17.274 | 17.248 | 17.306 | HH | 27046 | 869899  | 14.03% | 0.493% |
| 258        | 17.337 | 17.306 | 17.345 | HH | 24743 | 575566  | 9.28%  | 0.326% |
| 259        | 17.356 | 17.345 | 17.415 | HH | 25331 | 1010599 | 16.30% | 0.573% |
| 260        | 17.456 | 17.415 | 17.476 | HH | 26171 | 904472  | 14.59% | 0.513% |
|            |        |        |        |    |       |         |        |        |
| 261        | 17.509 | 17.476 | 17.519 | HH | 28632 | 704022  | 11.36% | 0.399% |
| 262        | 17.542 | 17.519 | 17.558 | HH | 30008 | 676721  | 10.92% | 0.384% |
| 263        | 17.610 | 17.558 | 17.684 | HH | 51299 | 2472268 | 39.88% | 1.401% |
| 264        | 17.742 | 17.684 | 17.819 | HH | 41433 | 2573809 | 41.52% | 1.459% |
| 265        | 17.846 | 17.819 | 17.867 | HH | 29850 | 828751  | 13.37% | 0.470% |
|            |        |        |        |    |       |         |        |        |
| 266        | 17.892 | 17.867 | 17.902 | HH | 31071 | 627048  | 10.11% | 0.355% |
| 267        | 17.942 | 17.902 | 17.964 | HH | 33477 | 1163985 | 18.78% | 0.660% |
| 268        | 17.975 | 17.964 | 17.994 | HH | 32453 | 571144  | 9.21%  | 0.324% |
| 269        | 18.031 | 17.994 | 18.062 | HH | 57073 | 1653305 | 26.67% | 0.937% |
| 270        | 18.108 | 18.062 | 18.167 | HH | 46280 | 2248519 | 36.27% | 1.274% |
|            |        |        |        |    |       |         |        |        |
| 271        | 18.175 | 18.167 | 18.208 | HH | 32974 | 780760  | 12.59% | 0.442% |
| 272        | 18.297 | 18.208 | 18.314 | HH | 34756 | 2110523 | 34.04% | 1.196% |
| 273        | 18.330 | 18.314 | 18.372 | HH | 34808 | 1178423 | 19.01% | 0.668% |
| 274        | 18.442 | 18.372 | 18.481 | HH | 64994 | 2679661 | 43.23% | 1.519% |
| 275        | 18.493 | 18.481 | 18.507 | HH | 35396 | 561500  | 9.06%  | 0.318% |
|            |        |        |        |    |       |         |        |        |
| 276        | 18.529 | 18.507 | 18.554 | HH | 46224 | 1138681 | 18.37% | 0.645% |
| 277        | 18.578 | 18.554 | 18.634 | HH | 44148 | 1903623 | 30.71% | 1.079% |
| 278        | 18.642 | 18.634 | 18.661 | HH | 38130 | 624729  | 10.08% | 0.354% |
| 279        | 18.702 | 18.661 | 18.759 | HH | 40695 | 2302785 | 37.15% | 1.305% |
| 280        | 18.769 | 18.759 | 18.777 | HH | 39563 | 424311  | 6.84%  | 0.240% |
|            |        |        |        |    |       |         |        |        |
| 281        | 18.840 | 18.777 | 18.902 | HH | 71384 | 3595905 | 58.01% | 2.038% |
| 282        | 18.931 | 18.902 | 18.977 | HH | 45999 | 1928617 | 31.11% | 1.093% |
| 283        | 19.045 | 18.977 | 19.066 | HH | 46062 | 2326279 | 37.53% | 1.318% |
| 284        | 19.086 | 19.066 | 19.111 | HH | 46812 | 1246038 | 20.10% | 0.706% |
| 285        | 19.133 | 19.111 | 19.147 | HH | 45673 | 949112  | 15.31% | 0.538% |
|            |        |        |        |    |       |         |        |        |
| 286        | 19.157 | 19.147 | 19.173 | HH | 45801 | 712675  | 11.50% | 0.404% |
| 287        | 19.225 | 19.173 | 19.281 | HH | 75375 | 3511725 | 56.65% | 1.990% |
| 288        | 19.290 | 19.281 | 19.306 | HH | 48408 | 715465  | 11.54% | 0.405% |
| 289        | 19.335 | 19.306 | 19.376 | HH | 52603 | 2104611 | 33.95% | 1.193% |
| 290        | 19.396 | 19.376 | 19.407 | HH | 51055 | 946144  | 15.26% | 0.536% |
|            |        |        |        |    |       |         |        |        |
| 291        | 19.434 | 19.407 | 19.443 | HH | 52116 | 1099907 | 17.74% | 0.623% |
| 292        | 19.462 | 19.443 | 19.481 | HH | 54891 | 1187554 | 19.16% | 0.673% |
| 293        | 19.510 | 19.481 | 19.529 | HH | 54734 | 1557813 | 25.13% | 0.883% |
| 294        | 19.546 | 19.529 | 19.556 | HH | 53508 | 833963  | 13.45% | 0.473% |
| 295        | 19.598 | 19.556 | 19.624 | HH | 74566 | 2563270 | 41.35% | 1.453% |
|            |        |        |        |    |       |         |        |        |
| 296        | 19.642 | 19.624 | 19.686 | HH | 62429 | 2181300 | 35.19% | 1.236% |
| 297        | 19.751 | 19.686 | 19.769 | HH | 61333 | 2930355 | 47.27% | 1.661% |
| 298        | 19.777 | 19.769 | 19.787 | HH | 59400 | 647133  | 10.44% | 0.367% |
| 299        | 19.836 | 19.787 | 19.867 | HH | 63148 | 2920314 | 47.11% | 1.655% |

|     |        |        |        |    |                         |         |           |        |
|-----|--------|--------|--------|----|-------------------------|---------|-----------|--------|
|     |        |        |        |    | rteres.txt              |         |           |        |
| 300 | 19.876 | 19.867 | 19.896 | HH | 63361                   | 1077300 | 17.38%    | 0.611% |
| 301 | 19.914 | 19.896 | 19.926 | HH | 63742                   | 1133343 | 18.28%    | 0.642% |
| 302 | 19.964 | 19.926 | 19.996 | HH | 79874                   | 2935840 | 47.36%    | 1.664% |
| 303 | 20.020 | 19.996 | 20.051 | HH | 70909                   | 2235485 | 36.06%    | 1.267% |
| 304 | 20.068 | 20.051 | 20.083 | HH | 68631                   | 1302960 | 21.02%    | 0.738% |
| 305 | 20.121 | 20.083 | 20.136 | HH | 70971                   | 2218823 | 35.79%    | 1.257% |
| 306 | 20.154 | 20.136 | 20.181 | HH | 74687                   | 1938110 | 31.26%    | 1.098% |
| 307 | 20.189 | 20.181 | 20.200 | HH | 72363                   | 822450  | 13.27%    | 0.466% |
| 308 | 20.237 | 20.200 | 20.271 | HH | 75096                   | 3107831 | 50.13%    | 1.761% |
| 309 | 20.320 | 20.271 | 20.347 | HH | 89887                   | 3640210 | 58.72%    | 2.063% |
| 310 | 20.430 | 20.347 | 20.481 | HH | 80941                   | 6199277 | 100.00%   | 3.513% |
| 311 | 20.499 | 20.481 | 20.517 | HH | 79161                   | 1715979 | 27.68%    | 0.972% |
| 312 | 20.549 | 20.517 | 20.625 | HH | 81039                   | 5018569 | 80.95%    | 2.844% |
| 313 | 20.685 | 20.625 | 20.748 | HH | 86973                   | 5765900 | 93.01%    | 3.268% |
| 314 | 20.756 | 20.748 | 20.790 | HH | 74789                   | 1856284 | 29.94%    | 1.052% |
| 315 | 20.796 | 20.790 | 20.806 | HH | 74467                   | 698229  | 11.26%    | 0.396% |
| 316 | 20.830 | 20.806 | 20.850 | HH | 75334                   | 1999242 | 32.25%    | 1.133% |
| 317 | 20.865 | 20.850 | 20.892 | HH | 75126                   | 1861828 | 30.03%    | 1.055% |
| 318 | 20.903 | 20.892 | 20.925 | HH | 74463                   | 1453865 | 23.45%    | 0.824% |
| 319 | 20.938 | 20.925 | 20.965 | HH | 74822                   | 1748457 | 28.20%    | 0.991% |
| 320 | 20.983 | 20.965 | 21.003 | HH | 74543                   | 1678694 | 27.08%    | 0.951% |
| 321 | 21.011 | 21.003 | 21.041 | HH | 72966                   | 1645000 | 26.54%    | 0.932% |
| 322 | 21.093 | 21.041 | 21.157 | HH | 82312                   | 5192107 | 83.75%    | 2.942% |
| 323 | 21.213 | 21.157 | 21.254 | HH | 72341                   | 4123739 | 66.52%    | 2.337% |
| 324 | 21.273 | 21.254 | 21.287 | HH | 70951                   | 1405210 | 22.67%    | 0.796% |
| 325 | 21.321 | 21.287 | 21.345 | HH | 71306                   | 2446237 | 39.46%    | 1.386% |
| 326 | 21.353 | 21.345 | 21.362 | HH | 70037                   | 712991  | 11.50%    | 0.404% |
| 327 | 21.376 | 21.362 | 21.397 | HH | 70729                   | 1449332 | 23.38%    | 0.821% |
| 328 | 21.411 | 21.397 | 21.426 | HH | 69055                   | 1184996 | 19.12%    | 0.672% |
| 329 | 21.436 | 21.426 | 21.494 | HH | 69235                   | 2816377 | 45.43%    | 1.596% |
| 330 | 21.505 | 21.494 | 21.514 | HH | 69188                   | 823980  | 13.29%    | 0.467% |
| 331 | 21.555 | 21.514 | 21.607 | HH | 76688                   | 4026295 | 64.95%    | 2.282% |
| 332 | 21.618 | 21.607 | 21.632 | HH | 67944                   | 1009731 | 16.29%    | 0.572% |
| 333 | 21.639 | 21.632 | 21.671 | HH | 67774                   | 1563964 | 25.23%    | 0.886% |
|     |        |        |        |    | Sum of corrected areas: |         | 176456515 |        |

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