

## Area Percent Report

Data Path : P:\HPCHEM1\FID\_D\Data\FD022318AR\  
 Data File : FD020139.D  
 Signal(s) : FID2B.CH  
 Acq On : 23 Feb 2018 16:01  
 Sample : J1634-03DL 5X  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Integration File: sample.E

Method : P:\HPCHEM1\FID\_D\methods\Aromatic EPH 022018.M  
 Title : GC Extractables

Signal : FID2B.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         | 4.027       | 4.002        | 4.042      | PH       | 743            | 6227         | 0.28%          | 0.006%        |
| 2         | 4.078       | 4.042        | 4.118      | PH       | 1303           | 33020        | 1.48%          | 0.034%        |
| 3         | 4.135       | 4.118        | 4.161      | HH       | 449            | 8155         | 0.36%          | 0.008%        |
| 4         | 4.180       | 4.161        | 4.209      | HH       | 1395           | 21422        | 0.96%          | 0.022%        |
| 5         | 4.224       | 4.209        | 4.236      | HH       | 276            | 3620         | 0.16%          | 0.004%        |
| 6         | 4.257       | 4.236        | 4.347      | HH       | 215804         | 2238422      | 100.00%        | 2.330%        |
| 7         | 4.370       | 4.347        | 4.384      | HH       | 4430           | 67743        | 3.03%          | 0.071%        |
| 8         | 4.392       | 4.384        | 4.409      | HH       | 2634           | 30463        | 1.36%          | 0.032%        |
| 9         | 4.423       | 4.409        | 4.432      | HH       | 1684           | 20480        | 0.91%          | 0.021%        |
| 10        | 4.442       | 4.432        | 4.455      | HH       | 1792           | 20204        | 0.90%          | 0.021%        |
| 11        | 4.474       | 4.455        | 4.521      | HH       | 13065          | 194602       | 8.69%          | 0.203%        |
| 12        | 4.540       | 4.521        | 4.559      | HH       | 3300           | 65936        | 2.95%          | 0.069%        |
| 13        | 4.577       | 4.559        | 4.614      | HH       | 4247           | 93256        | 4.17%          | 0.097%        |
| 14        | 4.624       | 4.614        | 4.654      | HH       | 1330           | 27035        | 1.21%          | 0.028%        |
| 15        | 4.667       | 4.654        | 4.687      | HH       | 1255           | 19267        | 0.86%          | 0.020%        |
| 16        | 4.695       | 4.687        | 4.706      | HH       | 724            | 7089         | 0.32%          | 0.007%        |
| 17        | 4.725       | 4.706        | 4.738      | HH       | 2427           | 30190        | 1.35%          | 0.031%        |
| 18        | 4.759       | 4.738        | 4.781      | HH       | 6494           | 86871        | 3.88%          | 0.090%        |
| 19        | 4.803       | 4.781        | 4.819      | HH       | 17169          | 202098       | 9.03%          | 0.210%        |
| 20        | 4.833       | 4.819        | 4.872      | HH       | 19877          | 279261       | 12.48%         | 0.291%        |
| 21        | 4.884       | 4.872        | 4.927      | HH       | 4344           | 90199        | 4.03%          | 0.094%        |
| 22        | 4.942       | 4.927        | 4.986      | HH       | 3289           | 82247        | 3.67%          | 0.086%        |
| 23        | 5.019       | 4.986        | 5.029      | HH       | 5449           | 90677        | 4.05%          | 0.094%        |
| 24        | 5.040       | 5.029        | 5.069      | HH       | 5751           | 94777        | 4.23%          | 0.099%        |
| 25        | 5.083       | 5.069        | 5.129      | HH       | 2789           | 78044        | 3.49%          | 0.081%        |
| 26        | 5.150       | 5.129        | 5.176      | HH       | 19764          | 258031       | 11.53%         | 0.269%        |
| 27        | 5.185       | 5.176        | 5.207      | HH       | 4646           | 64756        | 2.89%          | 0.067%        |
| 28        | 5.230       | 5.207        | 5.251      | HH       | 3245           | 65799        | 2.94%          | 0.068%        |
| 29        | 5.264       | 5.251        | 5.277      | HH       | 2188           | 30320        | 1.35%          | 0.032%        |
| 30        | 5.332       | 5.277        | 5.379      | HH       | 29267          | 558956       | 24.97%         | 0.582%        |
| 31        | 5.388       | 5.379        | 5.402      | HH       | 5463           | 62812        | 2.81%          | 0.065%        |
| 32        | 5.423       | 5.402        | 5.460      | HH       | 45370          | 613400       | 27.40%         | 0.638%        |
| 33        | 5.477       | 5.460        | 5.502      | HH       | 20442          | 281959       | 12.60%         | 0.293%        |
| 34        | 5.515       | 5.502        | 5.566      | HH       | 6381           | 177893       | 7.95%          | 0.185%        |
| 35        | 5.606       | 5.566        | 5.625      | HH       | 5889           | 149157       | 6.66%          | 0.155%        |
| 36        | 5.642       | 5.625        | 5.684      | HH       | 6509           | 178794       | 7.99%          | 0.186%        |

| rteres.txt |       |       |       |    |       |         |        |        |
|------------|-------|-------|-------|----|-------|---------|--------|--------|
| 37         | 5.728 | 5.684 | 5.754 | HH | 8778  | 213923  | 9.56%  | 0.223% |
| 38         | 5.780 | 5.754 | 5.798 | HH | 5294  | 123994  | 5.54%  | 0.129% |
| 39         | 5.819 | 5.798 | 5.849 | HH | 18331 | 340038  | 15.19% | 0.354% |
| 40         | 5.861 | 5.849 | 5.874 | HH | 10167 | 125528  | 5.61%  | 0.131% |
| 41         | 5.903 | 5.874 | 5.934 | HH | 16846 | 358613  | 16.02% | 0.373% |
| 42         | 5.947 | 5.934 | 5.972 | HH | 11545 | 208804  | 9.33%  | 0.217% |
| 43         | 5.982 | 5.972 | 6.013 | HH | 7500  | 163588  | 7.31%  | 0.170% |
| 44         | 6.047 | 6.013 | 6.088 | HH | 11359 | 367845  | 16.43% | 0.383% |
| 45         | 6.117 | 6.088 | 6.137 | HH | 7931  | 183706  | 8.21%  | 0.191% |
| 46         | 6.147 | 6.137 | 6.166 | HH | 6931  | 97659   | 4.36%  | 0.102% |
| 47         | 6.197 | 6.166 | 6.222 | HH | 10011 | 248370  | 11.10% | 0.258% |
| 48         | 6.239 | 6.222 | 6.252 | HH | 11534 | 162016  | 7.24%  | 0.169% |
| 49         | 6.268 | 6.252 | 6.301 | HH | 17338 | 304137  | 13.59% | 0.317% |
| 50         | 6.318 | 6.301 | 6.333 | HH | 12611 | 197533  | 8.82%  | 0.206% |
| 51         | 6.342 | 6.333 | 6.352 | HH | 9346  | 101844  | 4.55%  | 0.106% |
| 52         | 6.364 | 6.352 | 6.380 | HH | 10201 | 148565  | 6.64%  | 0.155% |
| 53         | 6.397 | 6.380 | 6.417 | HH | 13592 | 212063  | 9.47%  | 0.221% |
| 54         | 6.433 | 6.417 | 6.454 | HH | 13106 | 203325  | 9.08%  | 0.212% |
| 55         | 6.470 | 6.454 | 6.481 | HH | 9276  | 127954  | 5.72%  | 0.133% |
| 56         | 6.514 | 6.481 | 6.544 | HH | 17570 | 439947  | 19.65% | 0.458% |
| 57         | 6.557 | 6.544 | 6.576 | HH | 10821 | 170105  | 7.60%  | 0.177% |
| 58         | 6.595 | 6.576 | 6.607 | HH | 10384 | 155705  | 6.96%  | 0.162% |
| 59         | 6.631 | 6.607 | 6.652 | HH | 14509 | 318783  | 14.24% | 0.332% |
| 60         | 6.671 | 6.652 | 6.709 | HH | 20100 | 476211  | 21.27% | 0.496% |
| 61         | 6.728 | 6.709 | 6.739 | HH | 14198 | 217505  | 9.72%  | 0.226% |
| 62         | 6.752 | 6.739 | 6.771 | HH | 16222 | 251708  | 11.24% | 0.262% |
| 63         | 6.781 | 6.771 | 6.795 | HH | 12192 | 162906  | 7.28%  | 0.170% |
| 64         | 6.817 | 6.795 | 6.852 | HH | 24920 | 541532  | 24.19% | 0.564% |
| 65         | 6.869 | 6.852 | 6.951 | HH | 60643 | 1271701 | 56.81% | 1.323% |
| 66         | 6.971 | 6.951 | 6.995 | HH | 11210 | 260851  | 11.65% | 0.271% |
| 67         | 7.030 | 6.995 | 7.051 | HH | 17301 | 458665  | 20.49% | 0.477% |
| 68         | 7.090 | 7.051 | 7.103 | HH | 20779 | 454078  | 20.29% | 0.473% |
| 69         | 7.113 | 7.103 | 7.149 | HH | 17297 | 367128  | 16.40% | 0.382% |
| 70         | 7.164 | 7.149 | 7.189 | HH | 10736 | 237997  | 10.63% | 0.248% |
| 71         | 7.209 | 7.189 | 7.239 | HH | 21953 | 437246  | 19.53% | 0.455% |
| 72         | 7.258 | 7.239 | 7.289 | HH | 17823 | 397578  | 17.76% | 0.414% |
| 73         | 7.306 | 7.289 | 7.320 | HH | 11760 | 193831  | 8.66%  | 0.202% |
| 74         | 7.348 | 7.320 | 7.386 | HH | 82909 | 1343437 | 60.02% | 1.398% |
| 75         | 7.395 | 7.386 | 7.425 | HH | 17068 | 336962  | 15.05% | 0.351% |
| 76         | 7.439 | 7.425 | 7.454 | HH | 14530 | 237334  | 10.60% | 0.247% |
| 77         | 7.465 | 7.454 | 7.481 | HH | 13987 | 206341  | 9.22%  | 0.215% |
| 78         | 7.500 | 7.481 | 7.516 | HH | 16606 | 296482  | 13.25% | 0.309% |
| 79         | 7.528 | 7.516 | 7.554 | HH | 15359 | 329045  | 14.70% | 0.342% |
| 80         | 7.621 | 7.554 | 7.645 | HH | 27332 | 989753  | 44.22% | 1.030% |
| 81         | 7.658 | 7.645 | 7.682 | HH | 19410 | 361916  | 16.17% | 0.377% |
| 82         | 7.725 | 7.682 | 7.793 | HH | 46037 | 1546630 | 69.09% | 1.610% |
| 83         | 7.824 | 7.793 | 7.842 | HH | 63358 | 953712  | 42.61% | 0.993% |
| 84         | 7.855 | 7.842 | 7.906 | HH | 40068 | 974672  | 43.54% | 1.014% |
| 85         | 7.941 | 7.906 | 7.958 | HH | 20098 | 554627  | 24.78% | 0.577% |
| 86         | 7.995 | 7.958 | 8.027 | HH | 37418 | 1038748 | 46.41% | 1.081% |
| 87         | 8.044 | 8.027 | 8.085 | HH | 20930 | 549921  | 24.57% | 0.572% |
| 88         | 8.107 | 8.085 | 8.129 | HH | 25816 | 510091  | 22.79% | 0.531% |
| 89         | 8.143 | 8.129 | 8.157 | HH | 20094 | 304790  | 13.62% | 0.317% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 90  | 8.167  | 8.157  | 8.196  | HH | 17396      | 360462  | 16.10% | 0.375% |
| 91  | 8.212  | 8.196  | 8.241  | HH | 45436      | 824399  | 36.83% | 0.858% |
| 92  | 8.251  | 8.241  | 8.282  | HH | 23975      | 515037  | 23.01% | 0.536% |
| 93  | 8.300  | 8.282  | 8.346  | HH | 35387      | 895721  | 40.02% | 0.932% |
| 94  | 8.364  | 8.346  | 8.385  | HH | 21033      | 421885  | 18.85% | 0.439% |
| 95  | 8.405  | 8.385  | 8.420  | HH | 20534      | 391202  | 17.48% | 0.407% |
| 96  | 8.437  | 8.420  | 8.476  | HH | 26091      | 675398  | 30.17% | 0.703% |
| 97  | 8.495  | 8.476  | 8.519  | HH | 19685      | 433570  | 19.37% | 0.451% |
| 98  | 8.541  | 8.519  | 8.562  | HH | 38765      | 681445  | 30.44% | 0.709% |
| 99  | 8.573  | 8.562  | 8.594  | HH | 23252      | 391758  | 17.50% | 0.408% |
| 100 | 8.614  | 8.594  | 8.638  | HH | 20789      | 493572  | 22.05% | 0.514% |
| 101 | 8.670  | 8.638  | 8.689  | HH | 24256      | 616022  | 27.52% | 0.641% |
| 102 | 8.709  | 8.689  | 8.729  | HH | 30627      | 550898  | 24.61% | 0.573% |
| 103 | 8.750  | 8.729  | 8.787  | HH | 34163      | 772153  | 34.50% | 0.804% |
| 104 | 8.796  | 8.787  | 8.816  | HH | 16615      | 271237  | 12.12% | 0.282% |
| 105 | 8.862  | 8.816  | 8.885  | HH | 33729      | 846289  | 37.81% | 0.881% |
| 106 | 8.902  | 8.885  | 8.947  | HH | 25915      | 704709  | 31.48% | 0.733% |
| 107 | 8.955  | 8.947  | 8.966  | HH | 15966      | 172499  | 7.71%  | 0.180% |
| 108 | 8.997  | 8.966  | 9.027  | HH | 29254      | 839278  | 37.49% | 0.873% |
| 109 | 9.045  | 9.027  | 9.064  | HH | 20792      | 398120  | 17.79% | 0.414% |
| 110 | 9.089  | 9.064  | 9.122  | HH | 24578      | 698456  | 31.20% | 0.727% |
| 111 | 9.158  | 9.122  | 9.196  | HH | 32016      | 949574  | 42.42% | 0.988% |
| 112 | 9.205  | 9.196  | 9.216  | HH | 17761      | 201594  | 9.01%  | 0.210% |
| 113 | 9.235  | 9.216  | 9.248  | HH | 21925      | 371634  | 16.60% | 0.387% |
| 114 | 9.261  | 9.248  | 9.274  | HH | 20325      | 304860  | 13.62% | 0.317% |
| 115 | 9.288  | 9.274  | 9.317  | HH | 23022      | 527257  | 23.55% | 0.549% |
| 116 | 9.330  | 9.317  | 9.356  | HH | 17991      | 376041  | 16.80% | 0.391% |
| 117 | 9.415  | 9.356  | 9.431  | HH | 19853      | 754765  | 33.72% | 0.785% |
| 118 | 9.445  | 9.431  | 9.469  | HH | 18639      | 394508  | 17.62% | 0.411% |
| 119 | 9.490  | 9.469  | 9.562  | HH | 18753      | 920728  | 41.13% | 0.958% |
| 120 | 9.589  | 9.562  | 9.631  | HH | 17396      | 628706  | 28.09% | 0.654% |
| 121 | 9.662  | 9.631  | 9.706  | HH | 17615      | 696670  | 31.12% | 0.725% |
| 122 | 9.720  | 9.706  | 9.743  | HH | 14200      | 292551  | 13.07% | 0.304% |
| 123 | 9.756  | 9.743  | 9.764  | HH | 13017      | 157241  | 7.02%  | 0.164% |
| 124 | 9.787  | 9.764  | 9.802  | HH | 14857      | 320033  | 14.30% | 0.333% |
| 125 | 9.821  | 9.802  | 9.842  | HH | 20099      | 390482  | 17.44% | 0.406% |
| 126 | 9.874  | 9.842  | 9.911  | HH | 21501      | 700748  | 31.31% | 0.729% |
| 127 | 9.925  | 9.911  | 9.933  | HH | 19028      | 238093  | 10.64% | 0.248% |
| 128 | 9.952  | 9.933  | 9.986  | HH | 21800      | 600346  | 26.82% | 0.625% |
| 129 | 10.009 | 9.986  | 10.047 | HH | 22861      | 619741  | 27.69% | 0.645% |
| 130 | 10.078 | 10.047 | 10.119 | HH | 19657      | 717464  | 32.05% | 0.747% |
| 131 | 10.127 | 10.119 | 10.141 | HH | 15796      | 199948  | 8.93%  | 0.208% |
| 132 | 10.148 | 10.141 | 10.179 | HH | 15519      | 335723  | 15.00% | 0.349% |
| 133 | 10.211 | 10.179 | 10.226 | HH | 16731      | 436447  | 19.50% | 0.454% |
| 134 | 10.242 | 10.226 | 10.268 | HH | 21023      | 446796  | 19.96% | 0.465% |
| 135 | 10.295 | 10.268 | 10.322 | HH | 24169      | 613082  | 27.39% | 0.638% |
| 136 | 10.332 | 10.322 | 10.344 | HH | 15283      | 197075  | 8.80%  | 0.205% |
| 137 | 10.357 | 10.344 | 10.384 | HH | 15242      | 338768  | 15.13% | 0.353% |
| 138 | 10.428 | 10.384 | 10.449 | HH | 14782      | 536716  | 23.98% | 0.559% |
| 139 | 10.480 | 10.449 | 10.541 | HH | 33299      | 1040627 | 46.49% | 1.083% |
| 140 | 10.573 | 10.541 | 10.594 | HH | 15758      | 480030  | 21.45% | 0.500% |
| 141 | 10.608 | 10.594 | 10.653 | HH | 15003      | 488835  | 21.84% | 0.509% |

| rteres.txt |        |        |        |    |       |         |        |        |
|------------|--------|--------|--------|----|-------|---------|--------|--------|
| 142        | 10.694 | 10.653 | 10.730 | HH | 13952 | 589277  | 26.33% | 0.613% |
| 143        | 10.744 | 10.730 | 10.761 | HH | 13227 | 229946  | 10.27% | 0.239% |
| 144        | 10.793 | 10.761 | 10.810 | HH | 14459 | 397047  | 17.74% | 0.413% |
| 145        | 10.845 | 10.810 | 10.855 | HH | 14750 | 372865  | 16.66% | 0.388% |
|            |        |        |        |    |       |         |        |        |
| 146        | 10.873 | 10.855 | 10.897 | HH | 17568 | 384770  | 17.19% | 0.400% |
| 147        | 10.910 | 10.897 | 10.930 | HH | 13551 | 254985  | 11.39% | 0.265% |
| 148        | 10.962 | 10.930 | 10.982 | HH | 15036 | 423288  | 18.91% | 0.441% |
| 149        | 11.012 | 10.982 | 11.066 | HH | 18972 | 716578  | 32.01% | 0.746% |
| 150        | 11.080 | 11.066 | 11.104 | HH | 13318 | 285823  | 12.77% | 0.297% |
|            |        |        |        |    |       |         |        |        |
| 151        | 11.122 | 11.104 | 11.140 | HH | 14074 | 282010  | 12.60% | 0.293% |
| 152        | 11.161 | 11.140 | 11.189 | HH | 13088 | 364804  | 16.30% | 0.380% |
| 153        | 11.227 | 11.189 | 11.262 | HH | 73324 | 1222346 | 54.61% | 1.272% |
| 154        | 11.282 | 11.262 | 11.304 | HH | 18122 | 375180  | 16.76% | 0.390% |
| 155        | 11.320 | 11.304 | 11.372 | HH | 16848 | 572536  | 25.58% | 0.596% |
|            |        |        |        |    |       |         |        |        |
| 156        | 11.397 | 11.372 | 11.414 | HH | 16229 | 364344  | 16.28% | 0.379% |
| 157        | 11.428 | 11.414 | 11.446 | HH | 16862 | 296730  | 13.26% | 0.309% |
| 158        | 11.465 | 11.446 | 11.532 | HH | 17259 | 706721  | 31.57% | 0.735% |
| 159        | 11.570 | 11.532 | 11.597 | HH | 13979 | 483751  | 21.61% | 0.503% |
| 160        | 11.614 | 11.597 | 11.638 | HH | 12910 | 290954  | 13.00% | 0.303% |
|            |        |        |        |    |       |         |        |        |
| 161        | 11.650 | 11.638 | 11.667 | HH | 11270 | 186566  | 8.33%  | 0.194% |
| 162        | 11.688 | 11.667 | 11.704 | HH | 12096 | 257242  | 11.49% | 0.268% |
| 163        | 11.714 | 11.704 | 11.753 | HH | 11648 | 324735  | 14.51% | 0.338% |
| 164        | 11.780 | 11.753 | 11.802 | HH | 13068 | 348009  | 15.55% | 0.362% |
| 165        | 11.825 | 11.802 | 11.862 | HH | 11891 | 398613  | 17.81% | 0.415% |
|            |        |        |        |    |       |         |        |        |
| 166        | 11.886 | 11.862 | 11.916 | HH | 11543 | 347926  | 15.54% | 0.362% |
| 167        | 11.945 | 11.916 | 11.987 | HH | 11744 | 468974  | 20.95% | 0.488% |
| 168        | 12.020 | 11.987 | 12.035 | HH | 11121 | 303184  | 13.54% | 0.316% |
| 169        | 12.075 | 12.035 | 12.094 | HH | 12121 | 399212  | 17.83% | 0.415% |
| 170        | 12.107 | 12.094 | 12.126 | HH | 11604 | 214821  | 9.60%  | 0.224% |
|            |        |        |        |    |       |         |        |        |
| 171        | 12.136 | 12.126 | 12.152 | HH | 12314 | 181929  | 8.13%  | 0.189% |
| 172        | 12.174 | 12.152 | 12.196 | HH | 17690 | 376072  | 16.80% | 0.391% |
| 173        | 12.206 | 12.196 | 12.229 | HH | 12717 | 250432  | 11.19% | 0.261% |
| 174        | 12.241 | 12.229 | 12.277 | HH | 13389 | 344119  | 15.37% | 0.358% |
| 175        | 12.301 | 12.277 | 12.380 | HH | 16934 | 742166  | 33.16% | 0.772% |
|            |        |        |        |    |       |         |        |        |
| 176        | 12.411 | 12.380 | 12.432 | HH | 10664 | 311880  | 13.93% | 0.325% |
| 177        | 12.458 | 12.432 | 12.472 | HH | 11068 | 253035  | 11.30% | 0.263% |
| 178        | 12.484 | 12.472 | 12.491 | HH | 10706 | 117161  | 5.23%  | 0.122% |
| 179        | 12.500 | 12.491 | 12.544 | HH | 10769 | 323933  | 14.47% | 0.337% |
| 180        | 12.591 | 12.544 | 12.641 | HH | 17496 | 677841  | 30.28% | 0.705% |
|            |        |        |        |    |       |         |        |        |
| 181        | 12.665 | 12.641 | 12.692 | HH | 25037 | 483246  | 21.59% | 0.503% |
| 182        | 12.717 | 12.692 | 12.816 | HH | 10773 | 741668  | 33.13% | 0.772% |
| 183        | 12.835 | 12.816 | 12.849 | HH | 9873  | 191658  | 8.56%  | 0.199% |
| 184        | 12.867 | 12.849 | 12.902 | HH | 10499 | 311883  | 13.93% | 0.325% |
| 185        | 12.923 | 12.902 | 12.959 | HH | 10545 | 327547  | 14.63% | 0.341% |
|            |        |        |        |    |       |         |        |        |
| 186        | 12.979 | 12.959 | 13.044 | HH | 9517  | 470758  | 21.03% | 0.490% |
| 187        | 13.061 | 13.044 | 13.086 | HH | 10070 | 240742  | 10.75% | 0.251% |
| 188        | 13.092 | 13.086 | 13.122 | HH | 9674  | 203521  | 9.09%  | 0.212% |
| 189        | 13.141 | 13.122 | 13.152 | HH | 9192  | 157376  | 7.03%  | 0.164% |
| 190        | 13.175 | 13.152 | 13.186 | HH | 9616  | 189666  | 8.47%  | 0.197% |
|            |        |        |        |    |       |         |        |        |
| 191        | 13.203 | 13.186 | 13.229 | HH | 10871 | 260358  | 11.63% | 0.271% |
| 192        | 13.237 | 13.229 | 13.257 | HH | 9491  | 156957  | 7.01%  | 0.163% |
| 193        | 13.273 | 13.257 | 13.287 | HH | 9522  | 166373  | 7.43%  | 0.173% |
| 194        | 13.305 | 13.287 | 13.326 | HH | 10004 | 219460  | 9.80%  | 0.228% |

|     |        |        |        |    |            |        |        |        |
|-----|--------|--------|--------|----|------------|--------|--------|--------|
|     |        |        |        |    | rteres.txt |        |        |        |
| 195 | 13.344 | 13.326 | 13.414 | HH | 9988       | 484168 | 21.63% | 0.504% |
| 196 | 13.463 | 13.414 | 13.496 | HH | 9644       | 437735 | 19.56% | 0.456% |
| 197 | 13.513 | 13.496 | 13.559 | HH | 9165       | 327935 | 14.65% | 0.341% |
| 198 | 13.577 | 13.559 | 13.602 | HH | 8353       | 211749 | 9.46%  | 0.220% |
| 199 | 13.616 | 13.602 | 13.629 | HH | 8088       | 127243 | 5.68%  | 0.132% |
| 200 | 13.649 | 13.629 | 13.691 | HH | 8244       | 296897 | 13.26% | 0.309% |
| 201 | 13.726 | 13.691 | 13.764 | HH | 8176       | 343674 | 15.35% | 0.358% |
| 202 | 13.788 | 13.764 | 13.811 | HH | 8631       | 222930 | 9.96%  | 0.232% |
| 203 | 13.829 | 13.811 | 13.839 | HH | 7836       | 130551 | 5.83%  | 0.136% |
| 204 | 13.848 | 13.839 | 13.856 | HH | 7711       | 76108  | 3.40%  | 0.079% |
| 205 | 13.895 | 13.856 | 13.904 | HH | 8221       | 228194 | 10.19% | 0.237% |
| 206 | 13.912 | 13.904 | 13.959 | HH | 8214       | 260401 | 11.63% | 0.271% |
| 207 | 14.013 | 13.959 | 14.022 | HH | 8146       | 291402 | 13.02% | 0.303% |
| 208 | 14.032 | 14.022 | 14.066 | HH | 8265       | 209749 | 9.37%  | 0.218% |
| 209 | 14.075 | 14.066 | 14.084 | HH | 7868       | 85084  | 3.80%  | 0.089% |
| 210 | 14.126 | 14.084 | 14.139 | HH | 7916       | 256294 | 11.45% | 0.267% |
| 211 | 14.159 | 14.139 | 14.211 | HH | 8054       | 335475 | 14.99% | 0.349% |
| 212 | 14.218 | 14.211 | 14.261 | HH | 7528       | 222014 | 9.92%  | 0.231% |
| 213 | 14.281 | 14.261 | 14.332 | HH | 7985       | 320939 | 14.34% | 0.334% |
| 214 | 14.351 | 14.332 | 14.374 | HH | 7406       | 180253 | 8.05%  | 0.188% |
| 215 | 14.380 | 14.374 | 14.396 | HH | 7424       | 95773  | 4.28%  | 0.100% |
| 216 | 14.401 | 14.396 | 14.426 | HH | 7555       | 130126 | 5.81%  | 0.135% |
| 217 | 14.436 | 14.426 | 14.444 | HH | 7293       | 79051  | 3.53%  | 0.082% |
| 218 | 14.495 | 14.444 | 14.509 | HH | 9009       | 310315 | 13.86% | 0.323% |
| 219 | 14.530 | 14.509 | 14.591 | HH | 9228       | 412291 | 18.42% | 0.429% |
| 220 | 14.618 | 14.591 | 14.684 | HH | 8169       | 427847 | 19.11% | 0.445% |
| 221 | 14.706 | 14.684 | 14.714 | HH | 7160       | 126591 | 5.66%  | 0.132% |
| 222 | 14.735 | 14.714 | 14.764 | HH | 7209       | 211418 | 9.44%  | 0.220% |
| 223 | 14.774 | 14.764 | 14.794 | HH | 6977       | 125153 | 5.59%  | 0.130% |
| 224 | 14.811 | 14.794 | 14.829 | HH | 7336       | 148885 | 6.65%  | 0.155% |
| 225 | 14.843 | 14.829 | 14.862 | HH | 7014       | 136640 | 6.10%  | 0.142% |
| 226 | 14.874 | 14.862 | 14.891 | HH | 6956       | 116406 | 5.20%  | 0.121% |
| 227 | 14.915 | 14.891 | 14.936 | HH | 7330       | 189816 | 8.48%  | 0.198% |
| 228 | 14.940 | 14.936 | 14.962 | HH | 7168       | 112977 | 5.05%  | 0.118% |
| 229 | 14.969 | 14.962 | 14.982 | HH | 7023       | 82586  | 3.69%  | 0.086% |
| 230 | 14.998 | 14.982 | 15.026 | HH | 7085       | 177325 | 7.92%  | 0.185% |
| 231 | 15.047 | 15.026 | 15.061 | HH | 7159       | 145605 | 6.50%  | 0.152% |
| 232 | 15.074 | 15.061 | 15.112 | HH | 7011       | 207943 | 9.29%  | 0.216% |
| 233 | 15.167 | 15.112 | 15.197 | HH | 7589       | 363740 | 16.25% | 0.379% |
| 234 | 15.218 | 15.197 | 15.247 | HH | 7227       | 211728 | 9.46%  | 0.220% |
| 235 | 15.278 | 15.247 | 15.290 | HH | 7292       | 179676 | 8.03%  | 0.187% |
| 236 | 15.329 | 15.290 | 15.392 | HH | 7617       | 440543 | 19.68% | 0.458% |
| 237 | 15.418 | 15.392 | 15.432 | HH | 6868       | 160837 | 7.19%  | 0.167% |
| 238 | 15.443 | 15.432 | 15.469 | HH | 6848       | 147256 | 6.58%  | 0.153% |
| 239 | 15.484 | 15.469 | 15.495 | HH | 6922       | 103596 | 4.63%  | 0.108% |
| 240 | 15.520 | 15.495 | 15.542 | HH | 7084       | 192628 | 8.61%  | 0.200% |
| 241 | 15.565 | 15.542 | 15.610 | HH | 6983       | 276546 | 12.35% | 0.288% |
| 242 | 15.629 | 15.610 | 15.652 | HH | 6713       | 168040 | 7.51%  | 0.175% |
| 243 | 15.669 | 15.652 | 15.714 | HH | 6732       | 244570 | 10.93% | 0.255% |
| 244 | 15.717 | 15.714 | 15.734 | HH | 6610       | 76907  | 3.44%  | 0.080% |
| 245 | 15.752 | 15.734 | 15.761 | HH | 6840       | 110389 | 4.93%  | 0.115% |
| 246 | 15.772 | 15.761 | 15.797 | HH | 6925       | 146023 | 6.52%  | 0.152% |

| rteres.txt              |        |        |        |     |      |        |          |        |  |
|-------------------------|--------|--------|--------|-----|------|--------|----------|--------|--|
| 247                     | 15.825 | 15.797 | 15.834 | HH  | 7014 | 149629 | 6.68%    | 0.156% |  |
| 248                     | 15.854 | 15.834 | 15.896 | HH  | 7041 | 256027 | 11.44%   | 0.266% |  |
| 249                     | 15.903 | 15.896 | 15.924 | HH  | 6941 | 116275 | 5.19%    | 0.121% |  |
| 250                     | 15.942 | 15.924 | 15.968 | HH  | 7083 | 184530 | 8.24%    | 0.192% |  |
|                         |        |        |        |     |      |        |          |        |  |
| 251                     | 16.014 | 15.968 | 16.039 | HH  | 7138 | 292727 | 13.08%   | 0.305% |  |
| 252                     | 16.061 | 16.039 | 16.086 | HH  | 8439 | 220480 | 9.85%    | 0.229% |  |
| 253                     | 16.099 | 16.086 | 16.151 | HH  | 7784 | 283512 | 12.67%   | 0.295% |  |
| 254                     | 16.166 | 16.151 | 16.181 | HH  | 7084 | 125912 | 5.63%    | 0.131% |  |
| 255                     | 16.206 | 16.181 | 16.231 | HH  | 7603 | 219298 | 9.80%    | 0.228% |  |
|                         |        |        |        |     |      |        |          |        |  |
| 256                     | 16.251 | 16.231 | 16.297 | HH  | 7486 | 283922 | 12.68%   | 0.295% |  |
| 257                     | 16.308 | 16.297 | 16.315 | HH  | 7033 | 74937  | 3.35%    | 0.078% |  |
| 258                     | 16.324 | 16.315 | 16.349 | HH  | 7128 | 142254 | 6.36%    | 0.148% |  |
| 259                     | 16.376 | 16.349 | 16.419 | HH  | 8057 | 309120 | 13.81%   | 0.322% |  |
| 260                     | 16.466 | 16.419 | 16.533 | HH  | 8769 | 534798 | 23.89%   | 0.557% |  |
|                         |        |        |        |     |      |        |          |        |  |
| 261                     | 16.560 | 16.533 | 16.607 | HH  | 7492 | 322885 | 14.42%   | 0.336% |  |
| 262                     | 16.650 | 16.607 | 16.666 | HH  | 7497 | 258027 | 11.53%   | 0.269% |  |
| 263                     | 16.687 | 16.666 | 16.730 | HH  | 8215 | 295697 | 13.21%   | 0.308% |  |
| 264                     | 16.760 | 16.730 | 16.779 | HH  | 8071 | 223936 | 10.00%   | 0.233% |  |
| 265                     | 16.797 | 16.779 | 16.823 | HH  | 7902 | 204089 | 9.12%    | 0.212% |  |
|                         |        |        |        |     |      |        |          |        |  |
| 266                     | 16.847 | 16.823 | 16.883 | HH  | 8065 | 271312 | 12.12%   | 0.282% |  |
| 267                     | 16.922 | 16.883 | 16.951 | HH  | 7953 | 299646 | 13.39%   | 0.312% |  |
| 268                     | 16.963 | 16.951 | 16.977 | HH  | 7230 | 115485 | 5.16%    | 0.120% |  |
| 269                     | 17.000 | 16.977 | 17.032 | HH  | 7412 | 238323 | 10.65%   | 0.248% |  |
| 270                     | 17.082 | 17.032 | 17.100 | HH  | 7586 | 295743 | 13.21%   | 0.308% |  |
|                         |        |        |        |     |      |        |          |        |  |
| 271                     | 17.111 | 17.100 | 17.134 | HH  | 7579 | 152794 | 6.83%    | 0.159% |  |
| 272                     | 17.158 | 17.134 | 17.201 | HH  | 7583 | 291509 | 13.02%   | 0.303% |  |
| 273                     | 17.223 | 17.201 | 17.244 | HH  | 7312 | 187483 | 8.38%    | 0.195% |  |
| 274                     | 17.253 | 17.244 | 17.274 | HH  | 7215 | 127674 | 5.70%    | 0.133% |  |
| 275                     | 17.290 | 17.274 | 17.311 | HH  | 7414 | 159356 | 7.12%    | 0.166% |  |
|                         |        |        |        |     |      |        |          |        |  |
| 276                     | 17.325 | 17.311 | 17.336 | HH  | 7523 | 111121 | 4.96%    | 0.116% |  |
| 277                     | 17.353 | 17.336 | 17.391 | HH  | 8243 | 252559 | 11.28%   | 0.263% |  |
| 278                     | 17.455 | 17.391 | 17.475 | HH  | 7820 | 373398 | 16.68%   | 0.389% |  |
| 279                     | 17.505 | 17.475 | 17.557 | HH  | 7997 | 368769 | 16.47%   | 0.384% |  |
| 280                     | 17.570 | 17.557 | 17.579 | HH  | 7298 | 94073  | 4.20%    | 0.098% |  |
|                         |        |        |        |     |      |        |          |        |  |
| 281                     | 17.607 | 17.579 | 17.627 | HH  | 7795 | 213079 | 9.52%    | 0.222% |  |
| 282                     | 17.648 | 17.627 | 17.664 | HH  | 7569 | 167197 | 7.47%    | 0.174% |  |
| 283                     | 17.672 | 17.664 | 17.737 | HH  | 7511 | 318262 | 14.22%   | 0.331% |  |
| 284                     | 17.774 | 17.737 | 17.802 | HH  | 8254 | 291561 | 13.03%   | 0.303% |  |
| 285                     | 17.826 | 17.802 | 17.837 | HH  | 7640 | 153814 | 6.87%    | 0.160% |  |
|                         |        |        |        |     |      |        |          |        |  |
| 286                     | 17.851 | 17.837 | 17.864 | HH  | 7768 | 124469 | 5.56%    | 0.130% |  |
| 287                     | 17.870 | 17.864 | 17.891 | HH  | 7722 | 120397 | 5.38%    | 0.125% |  |
| 288                     | 17.899 | 17.891 | 17.909 | HH  | 7402 | 80671  | 3.60%    | 0.084% |  |
| 289                     | 17.926 | 17.909 | 17.950 | HH  | 7552 | 181880 | 8.13%    | 0.189% |  |
| 290                     | 17.966 | 17.950 | 18.009 | HH  | 7376 | 256310 | 11.45%   | 0.267% |  |
|                         |        |        |        |     |      |        |          |        |  |
| 291                     | 18.036 | 18.009 | 18.077 | HH  | 7631 | 304658 | 13.61%   | 0.317% |  |
| 292                     | 18.095 | 18.077 | 18.151 | HH  | 7744 | 329213 | 14.71%   | 0.343% |  |
| 293                     | 18.180 | 18.151 | 18.201 | HHA | 8122 | 235934 | 10.54%   | 0.246% |  |
| Sum of corrected areas: |        |        |        |     |      |        | 96087602 |        |  |