

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC091718AL\  
 Data File : FC036332.D  
 Signal(s) : FID1A.CH  
 Acq On : 17 Sep 2018 19:42  
 Sample : J4929-12  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 082118.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         | 3.210       | 3.182        | 3.258      | BV       | 347            | 5804         | 0.11%          | 0.006%        |
| 2         | 3.269       | 3.258        | 3.339      | PV       | 143            | 3943         | 0.07%          | 0.004%        |
| 3         | 3.354       | 3.339        | 3.377      | VV       | 204            | 2657         | 0.05%          | 0.003%        |
| 4         | 3.417       | 3.377        | 3.439      | VV       | 218            | 4061         | 0.08%          | 0.004%        |
| 5         | 3.451       | 3.439        | 3.459      | PV       | 229            | 1680         | 0.03%          | 0.002%        |
| 6         | 3.481       | 3.459        | 3.513      | VV       | 253            | 5929         | 0.11%          | 0.006%        |
| 7         | 3.534       | 3.513        | 3.569      | VV       | 237            | 4645         | 0.09%          | 0.005%        |
| 8         | 3.584       | 3.569        | 3.634      | VV       | 430            | 9671         | 0.18%          | 0.010%        |
| 9         | 3.650       | 3.634        | 3.682      | VV       | 344            | 6283         | 0.12%          | 0.007%        |
| 10        | 3.699       | 3.682        | 3.732      | VV       | 424            | 6903         | 0.13%          | 0.007%        |
| 11        | 3.743       | 3.732        | 3.771      | VV       | 320            | 4182         | 0.08%          | 0.005%        |
| 12        | 3.784       | 3.771        | 3.833      | PV       | 297            | 7553         | 0.14%          | 0.008%        |
| 13        | 3.879       | 3.833        | 3.892      | VV       | 597            | 9463         | 0.18%          | 0.010%        |
| 14        | 3.903       | 3.892        | 3.942      | VV       | 465            | 9953         | 0.19%          | 0.011%        |
| 15        | 3.946       | 3.942        | 3.958      | VV       | 410            | 2610         | 0.05%          | 0.003%        |
| 16        | 3.968       | 3.958        | 4.001      | VV       | 387            | 7043         | 0.13%          | 0.008%        |
| 17        | 4.027       | 4.001        | 4.049      | VV       | 521            | 11119        | 0.21%          | 0.012%        |
| 18        | 4.055       | 4.049        | 4.069      | VV       | 497            | 4074         | 0.08%          | 0.004%        |
| 19        | 4.089       | 4.069        | 4.103      | VV       | 407            | 6814         | 0.13%          | 0.007%        |
| 20        | 4.115       | 4.103        | 4.138      | VV       | 352            | 5565         | 0.10%          | 0.006%        |
| 21        | 4.185       | 4.138        | 4.216      | VV       | 438            | 11282        | 0.21%          | 0.012%        |
| 22        | 4.234       | 4.216        | 4.243      | VV       | 325            | 3679         | 0.07%          | 0.004%        |
| 23        | 4.277       | 4.243        | 4.304      | VV       | 765            | 14691        | 0.28%          | 0.016%        |
| 24        | 4.313       | 4.304        | 4.367      | VV       | 356            | 8686         | 0.16%          | 0.009%        |
| 25        | 4.378       | 4.367        | 4.405      | VV       | 270            | 4198         | 0.08%          | 0.005%        |
| 26        | 4.428       | 4.405        | 4.457      | VV       | 345            | 7013         | 0.13%          | 0.008%        |
| 27        | 4.486       | 4.457        | 4.515      | VV       | 432            | 10516        | 0.20%          | 0.011%        |
| 28        | 4.528       | 4.515        | 4.633      | VV       | 453            | 15229        | 0.29%          | 0.016%        |
| 29        | 4.646       | 4.633        | 4.660      | VV       | 279            | 3240         | 0.06%          | 0.003%        |
| 30        | 4.680       | 4.660        | 4.711      | VV       | 383            | 6882         | 0.13%          | 0.007%        |
| 31        | 4.740       | 4.711        | 4.791      | VV       | 330            | 8483         | 0.16%          | 0.009%        |
| 32        | 4.799       | 4.791        | 4.813      | VV       | 144            | 1560         | 0.03%          | 0.002%        |
| 33        | 4.830       | 4.813        | 4.854      | PV       | 279            | 3168         | 0.06%          | 0.003%        |
| 34        | 4.878       | 4.854        | 4.887      | VV       | 218            | 3482         | 0.07%          | 0.004%        |
| 35        | 4.907       | 4.887        | 4.935      | VV       | 1058           | 12872        | 0.24%          | 0.014%        |
| 36        | 4.962       | 4.935        | 4.980      | VV       | 653            | 8324         | 0.16%          | 0.009%        |

|    |       |       |       |    |            |         |         |        |
|----|-------|-------|-------|----|------------|---------|---------|--------|
|    |       |       |       |    | rteres.txt |         |         |        |
| 37 | 4.993 | 4.980 | 5.000 | VV | 204        | 2389    | 0.04%   | 0.003% |
| 38 | 5.012 | 5.000 | 5.059 | VV | 283        | 6838    | 0.13%   | 0.007% |
| 39 | 5.081 | 5.059 | 5.088 | VV | 280        | 3541    | 0.07%   | 0.004% |
| 40 | 5.101 | 5.088 | 5.118 | VV | 361        | 4960    | 0.09%   | 0.005% |
| 41 | 5.135 | 5.118 | 5.178 | VV | 511        | 10486   | 0.20%   | 0.011% |
| 42 | 5.195 | 5.178 | 5.213 | VV | 425        | 4429    | 0.08%   | 0.005% |
| 43 | 5.256 | 5.213 | 5.292 | VV | 451        | 10307   | 0.19%   | 0.011% |
| 44 | 5.311 | 5.292 | 5.342 | VV | 932        | 16182   | 0.30%   | 0.017% |
| 45 | 5.353 | 5.342 | 5.394 | VV | 859        | 12511   | 0.23%   | 0.013% |
| 46 | 5.410 | 5.394 | 5.417 | VV | 405        | 4270    | 0.08%   | 0.005% |
| 47 | 5.425 | 5.417 | 5.467 | VV | 356        | 7974    | 0.15%   | 0.009% |
| 48 | 5.488 | 5.467 | 5.526 | VV | 400        | 9092    | 0.17%   | 0.010% |
| 49 | 5.533 | 5.526 | 5.541 | VV | 230        | 1520    | 0.03%   | 0.002% |
| 50 | 5.563 | 5.541 | 5.573 | VV | 318        | 3717    | 0.07%   | 0.004% |
| 51 | 5.600 | 5.573 | 5.622 | VV | 589        | 11340   | 0.21%   | 0.012% |
| 52 | 5.627 | 5.622 | 5.672 | VV | 393        | 9102    | 0.17%   | 0.010% |
| 53 | 5.676 | 5.672 | 5.690 | VV | 228        | 2032    | 0.04%   | 0.002% |
| 54 | 5.698 | 5.690 | 5.706 | VV | 181        | 1795    | 0.03%   | 0.002% |
| 55 | 5.713 | 5.706 | 5.742 | VV | 272        | 4070    | 0.08%   | 0.004% |
| 56 | 5.750 | 5.742 | 5.777 | VV | 219        | 3451    | 0.06%   | 0.004% |
| 57 | 5.811 | 5.777 | 5.829 | VV | 359        | 7440    | 0.14%   | 0.008% |
| 58 | 5.853 | 5.829 | 5.928 | VV | 1510       | 32789   | 0.61%   | 0.035% |
| 59 | 5.948 | 5.928 | 5.974 | VV | 430        | 8689    | 0.16%   | 0.009% |
| 60 | 5.998 | 5.974 | 6.071 | VV | 889        | 20242   | 0.38%   | 0.022% |
| 61 | 6.083 | 6.071 | 6.104 | VV | 319        | 4625    | 0.09%   | 0.005% |
| 62 | 6.121 | 6.104 | 6.176 | VV | 325        | 9580    | 0.18%   | 0.010% |
| 63 | 6.195 | 6.176 | 6.222 | VV | 236        | 5395    | 0.10%   | 0.006% |
| 64 | 6.236 | 6.222 | 6.271 | VV | 372        | 6750    | 0.13%   | 0.007% |
| 65 | 6.289 | 6.271 | 6.312 | VV | 922        | 11483   | 0.22%   | 0.012% |
| 66 | 6.322 | 6.312 | 6.361 | VV | 341        | 6630    | 0.12%   | 0.007% |
| 67 | 6.381 | 6.361 | 6.399 | VV | 277        | 4788    | 0.09%   | 0.005% |
| 68 | 6.434 | 6.399 | 6.463 | VV | 525        | 12148   | 0.23%   | 0.013% |
| 69 | 6.473 | 6.463 | 6.487 | VV | 225        | 2283    | 0.04%   | 0.002% |
| 70 | 6.496 | 6.487 | 6.519 | VV | 329        | 3846    | 0.07%   | 0.004% |
| 71 | 6.543 | 6.519 | 6.574 | PV | 408        | 6577    | 0.12%   | 0.007% |
| 72 | 6.607 | 6.574 | 6.632 | VV | 302        | 6561    | 0.12%   | 0.007% |
| 73 | 6.645 | 6.632 | 6.666 | VV | 464        | 6916    | 0.13%   | 0.007% |
| 74 | 6.674 | 6.666 | 6.698 | VV | 355        | 5944    | 0.11%   | 0.006% |
| 75 | 6.710 | 6.698 | 6.754 | VV | 405        | 8724    | 0.16%   | 0.009% |
| 76 | 6.800 | 6.754 | 6.821 | VV | 466        | 11328   | 0.21%   | 0.012% |
| 77 | 6.840 | 6.821 | 6.867 | VV | 525        | 9788    | 0.18%   | 0.011% |
| 78 | 6.901 | 6.867 | 6.931 | VV | 1036       | 21370   | 0.40%   | 0.023% |
| 79 | 6.945 | 6.931 | 6.964 | VV | 418        | 6375    | 0.12%   | 0.007% |
| 80 | 6.985 | 6.964 | 7.013 | VV | 479        | 9445    | 0.18%   | 0.010% |
| 81 | 7.034 | 7.013 | 7.067 | VV | 837        | 13098   | 0.25%   | 0.014% |
| 82 | 7.082 | 7.067 | 7.095 | VV | 260        | 3845    | 0.07%   | 0.004% |
| 83 | 7.131 | 7.095 | 7.177 | VV | 379        | 10641   | 0.20%   | 0.011% |
| 84 | 7.205 | 7.177 | 7.236 | VV | 649        | 10811   | 0.20%   | 0.012% |
| 85 | 7.262 | 7.236 | 7.296 | VV | 346        | 6071    | 0.11%   | 0.007% |
| 86 | 7.311 | 7.296 | 7.351 | VV | 207        | 4092    | 0.08%   | 0.004% |
| 87 | 7.375 | 7.351 | 7.395 | VV | 191        | 3296    | 0.06%   | 0.004% |
| 88 | 7.427 | 7.395 | 7.445 | VV | 275        | 4619    | 0.09%   | 0.005% |
| 89 | 7.510 | 7.445 | 7.726 | PV | 521368     | 5336014 | 100.00% | 5.753% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 90  | 7.733  | 7.726  | 7.752  | VV | 683        | 9930    | 0.19%  | 0.011% |
| 91  | 7.776  | 7.752  | 7.854  | VV | 915        | 42328   | 0.79%  | 0.046% |
| 92  | 7.891  | 7.854  | 7.927  | VV | 980        | 28336   | 0.53%  | 0.031% |
| 93  | 7.989  | 7.927  | 8.004  | VV | 1494       | 31597   | 0.59%  | 0.034% |
| 94  | 8.018  | 8.004  | 8.031  | VV | 1009       | 13470   | 0.25%  | 0.015% |
| 95  | 8.045  | 8.031  | 8.060  | VV | 1178       | 17196   | 0.32%  | 0.019% |
| 96  | 8.070  | 8.060  | 8.102  | VV | 1019       | 15986   | 0.30%  | 0.017% |
| 97  | 8.128  | 8.102  | 8.152  | VV | 10706      | 123088  | 2.31%  | 0.133% |
| 98  | 8.170  | 8.152  | 8.242  | VV | 5703       | 89737   | 1.68%  | 0.097% |
| 99  | 8.259  | 8.242  | 8.286  | VV | 525        | 8197    | 0.15%  | 0.009% |
| 100 | 8.304  | 8.286  | 8.332  | PV | 311        | 5413    | 0.10%  | 0.006% |
| 101 | 8.368  | 8.332  | 8.507  | VV | 332873     | 3714809 | 69.62% | 4.005% |
| 102 | 8.514  | 8.507  | 8.597  | VV | 1631       | 60498   | 1.13%  | 0.065% |
| 103 | 8.604  | 8.597  | 8.637  | VV | 908        | 17496   | 0.33%  | 0.019% |
| 104 | 8.660  | 8.637  | 8.689  | VV | 805        | 20070   | 0.38%  | 0.022% |
| 105 | 8.705  | 8.689  | 8.731  | VV | 722        | 15340   | 0.29%  | 0.017% |
| 106 | 8.784  | 8.731  | 8.855  | VV | 1377       | 53682   | 1.01%  | 0.058% |
| 107 | 8.888  | 8.855  | 8.907  | VV | 1010       | 21166   | 0.40%  | 0.023% |
| 108 | 8.915  | 8.907  | 8.951  | VV | 676        | 12178   | 0.23%  | 0.013% |
| 109 | 8.961  | 8.951  | 8.999  | VV | 459        | 10031   | 0.19%  | 0.011% |
| 110 | 9.027  | 8.999  | 9.044  | VV | 850        | 14522   | 0.27%  | 0.016% |
| 111 | 9.076  | 9.044  | 9.097  | VV | 1835       | 37350   | 0.70%  | 0.040% |
| 112 | 9.109  | 9.097  | 9.133  | VV | 1193       | 16823   | 0.32%  | 0.018% |
| 113 | 9.143  | 9.133  | 9.150  | VV | 399        | 3776    | 0.07%  | 0.004% |
| 114 | 9.165  | 9.150  | 9.183  | VV | 589        | 8455    | 0.16%  | 0.009% |
| 115 | 9.203  | 9.183  | 9.222  | VV | 840        | 11147   | 0.21%  | 0.012% |
| 116 | 9.264  | 9.222  | 9.297  | VV | 1353       | 26897   | 0.50%  | 0.029% |
| 117 | 9.323  | 9.297  | 9.338  | VV | 511        | 8419    | 0.16%  | 0.009% |
| 118 | 9.347  | 9.338  | 9.369  | VV | 411        | 5828    | 0.11%  | 0.006% |
| 119 | 9.388  | 9.369  | 9.412  | VV | 678        | 11456   | 0.21%  | 0.012% |
| 120 | 9.452  | 9.412  | 9.476  | VV | 550        | 12843   | 0.24%  | 0.014% |
| 121 | 9.501  | 9.476  | 9.549  | VV | 646        | 15523   | 0.29%  | 0.017% |
| 122 | 9.577  | 9.549  | 9.629  | VV | 409        | 16500   | 0.31%  | 0.018% |
| 123 | 9.665  | 9.629  | 9.681  | VV | 1027       | 16159   | 0.30%  | 0.017% |
| 124 | 9.689  | 9.681  | 9.716  | VV | 464        | 6807    | 0.13%  | 0.007% |
| 125 | 9.744  | 9.716  | 9.782  | VV | 422        | 10196   | 0.19%  | 0.011% |
| 126 | 9.823  | 9.782  | 9.884  | PV | 262        | 9609    | 0.18%  | 0.010% |
| 127 | 9.904  | 9.884  | 9.921  | VV | 148        | 1708    | 0.03%  | 0.002% |
| 128 | 9.934  | 9.921  | 9.964  | VV | 208        | 2180    | 0.04%  | 0.002% |
| 129 | 9.988  | 9.964  | 10.024 | VV | 316        | 6429    | 0.12%  | 0.007% |
| 130 | 10.058 | 10.024 | 10.065 | PV | 318        | 4473    | 0.08%  | 0.005% |
| 131 | 10.124 | 10.065 | 10.146 | VV | 810        | 23141   | 0.43%  | 0.025% |
| 132 | 10.161 | 10.146 | 10.194 | VV | 681        | 12517   | 0.23%  | 0.013% |
| 133 | 10.203 | 10.194 | 10.219 | VV | 271        | 3570    | 0.07%  | 0.004% |
| 134 | 10.236 | 10.219 | 10.266 | VV | 682        | 11203   | 0.21%  | 0.012% |
| 135 | 10.292 | 10.266 | 10.342 | VV | 1033       | 26837   | 0.50%  | 0.029% |
| 136 | 10.400 | 10.342 | 10.426 | VV | 1229       | 34577   | 0.65%  | 0.037% |
| 137 | 10.434 | 10.426 | 10.450 | VV | 684        | 6255    | 0.12%  | 0.007% |
| 138 | 10.485 | 10.450 | 10.557 | VV | 673        | 23058   | 0.43%  | 0.025% |
| 139 | 10.579 | 10.557 | 10.597 | PV | 420        | 4596    | 0.09%  | 0.005% |
| 140 | 10.640 | 10.597 | 10.687 | VV | 2474       | 39189   | 0.73%  | 0.042% |
| 141 | 10.717 | 10.687 | 10.766 | VV | 2442       | 47271   | 0.89%  | 0.051% |

|     |        |        |        |    |            |         |        |        |  |
|-----|--------|--------|--------|----|------------|---------|--------|--------|--|
|     |        |        |        |    | rteres.txt |         |        |        |  |
| 142 | 10.777 | 10.766 | 10.811 | VV | 506        | 10420   | 0.20%  | 0.011% |  |
| 143 | 10.819 | 10.811 | 10.844 | VV | 337        | 3741    | 0.07%  | 0.004% |  |
| 144 | 10.851 | 10.844 | 10.881 | VV | 219        | 2218    | 0.04%  | 0.002% |  |
| 145 | 10.947 | 10.881 | 10.975 | PV | 598        | 16541   | 0.31%  | 0.018% |  |
| 146 | 10.994 | 10.975 | 11.006 | VV | 342        | 4753    | 0.09%  | 0.005% |  |
| 147 | 11.028 | 11.006 | 11.072 | VV | 720        | 16460   | 0.31%  | 0.018% |  |
| 148 | 11.099 | 11.072 | 11.114 | VV | 1041       | 15318   | 0.29%  | 0.017% |  |
| 149 | 11.130 | 11.114 | 11.145 | VV | 1139       | 15486   | 0.29%  | 0.017% |  |
| 150 | 11.167 | 11.145 | 11.214 | VV | 1019       | 30168   | 0.57%  | 0.033% |  |
| 151 | 11.284 | 11.214 | 11.304 | VV | 789        | 28033   | 0.53%  | 0.030% |  |
| 152 | 11.324 | 11.304 | 11.356 | VV | 932        | 19623   | 0.37%  | 0.021% |  |
| 153 | 11.405 | 11.356 | 11.451 | VV | 201637     | 2290067 | 42.92% | 2.469% |  |
| 154 | 11.469 | 11.451 | 11.491 | VV | 2848       | 44335   | 0.83%  | 0.048% |  |
| 155 | 11.504 | 11.491 | 11.519 | VV | 1129       | 17240   | 0.32%  | 0.019% |  |
| 156 | 11.544 | 11.519 | 11.564 | VV | 2367       | 46320   | 0.87%  | 0.050% |  |
| 157 | 11.581 | 11.564 | 11.597 | VV | 3054       | 45114   | 0.85%  | 0.049% |  |
| 158 | 11.614 | 11.597 | 11.665 | VV | 3419       | 67851   | 1.27%  | 0.073% |  |
| 159 | 11.699 | 11.665 | 11.731 | VV | 1352       | 34212   | 0.64%  | 0.037% |  |
| 160 | 11.766 | 11.731 | 11.785 | VV | 1600       | 41651   | 0.78%  | 0.045% |  |
| 161 | 11.819 | 11.785 | 11.841 | VV | 2076       | 59665   | 1.12%  | 0.064% |  |
| 162 | 11.847 | 11.841 | 11.869 | VV | 1853       | 25757   | 0.48%  | 0.028% |  |
| 163 | 11.913 | 11.869 | 11.941 | VV | 1674       | 55864   | 1.05%  | 0.060% |  |
| 164 | 11.973 | 11.941 | 11.999 | VV | 1579       | 45995   | 0.86%  | 0.050% |  |
| 165 | 12.016 | 11.999 | 12.049 | VV | 1659       | 42484   | 0.80%  | 0.046% |  |
| 166 | 12.088 | 12.049 | 12.105 | VV | 1870       | 52455   | 0.98%  | 0.057% |  |
| 167 | 12.115 | 12.105 | 12.127 | VV | 1743       | 21650   | 0.41%  | 0.023% |  |
| 168 | 12.150 | 12.127 | 12.161 | VV | 2011       | 36456   | 0.68%  | 0.039% |  |
| 169 | 12.172 | 12.161 | 12.189 | VV | 1954       | 29902   | 0.56%  | 0.032% |  |
| 170 | 12.235 | 12.189 | 12.264 | VV | 2055       | 76526   | 1.43%  | 0.083% |  |
| 171 | 12.290 | 12.264 | 12.311 | VV | 2677       | 61618   | 1.15%  | 0.066% |  |
| 172 | 12.332 | 12.311 | 12.352 | VV | 4841       | 83563   | 1.57%  | 0.090% |  |
| 173 | 12.367 | 12.352 | 12.382 | VV | 3268       | 50325   | 0.94%  | 0.054% |  |
| 174 | 12.401 | 12.382 | 12.423 | VV | 3265       | 68709   | 1.29%  | 0.074% |  |
| 175 | 12.445 | 12.423 | 12.481 | VV | 6963       | 137494  | 2.58%  | 0.148% |  |
| 176 | 12.497 | 12.481 | 12.517 | VV | 2056       | 41326   | 0.77%  | 0.045% |  |
| 177 | 12.545 | 12.517 | 12.559 | VV | 2240       | 49913   | 0.94%  | 0.054% |  |
| 178 | 12.584 | 12.559 | 12.614 | VV | 3540       | 87248   | 1.64%  | 0.094% |  |
| 179 | 12.631 | 12.614 | 12.642 | VV | 2391       | 37734   | 0.71%  | 0.041% |  |
| 180 | 12.686 | 12.642 | 12.716 | VV | 3679       | 125980  | 2.36%  | 0.136% |  |
| 181 | 12.739 | 12.716 | 12.783 | VV | 10296      | 194937  | 3.65%  | 0.210% |  |
| 182 | 12.804 | 12.783 | 12.812 | VV | 2582       | 42030   | 0.79%  | 0.045% |  |
| 183 | 12.845 | 12.812 | 12.902 | VV | 137134     | 1723084 | 32.29% | 1.858% |  |
| 184 | 12.913 | 12.902 | 12.982 | VV | 3241       | 133638  | 2.50%  | 0.144% |  |
| 185 | 13.015 | 12.982 | 13.034 | VV | 4025       | 96978   | 1.82%  | 0.105% |  |
| 186 | 13.042 | 13.034 | 13.054 | VV | 3341       | 38804   | 0.73%  | 0.042% |  |
| 187 | 13.072 | 13.054 | 13.114 | VV | 3353       | 107379  | 2.01%  | 0.116% |  |
| 188 | 13.165 | 13.114 | 13.186 | VV | 3938       | 141351  | 2.65%  | 0.152% |  |
| 189 | 13.201 | 13.186 | 13.231 | VV | 4551       | 102182  | 1.91%  | 0.110% |  |
| 190 | 13.263 | 13.231 | 13.284 | VV | 3583       | 110165  | 2.06%  | 0.119% |  |
| 191 | 13.325 | 13.284 | 13.381 | VV | 6107       | 253422  | 4.75%  | 0.273% |  |
| 192 | 13.403 | 13.381 | 13.412 | VV | 4046       | 69651   | 1.31%  | 0.075% |  |
| 193 | 13.441 | 13.412 | 13.456 | VV | 4416       | 104945  | 1.97%  | 0.113% |  |
| 194 | 13.475 | 13.456 | 13.529 | VV | 6220       | 201500  | 3.78%  | 0.217% |  |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 195 | 13.555 | 13.529 | 13.568 | VV | 5033       | 105452  | 1.98%  | 0.114% |
| 196 | 13.599 | 13.568 | 13.622 | VV | 8820       | 192444  | 3.61%  | 0.207% |
| 197 | 13.641 | 13.622 | 13.666 | VV | 6199       | 133450  | 2.50%  | 0.144% |
| 198 | 13.686 | 13.666 | 13.694 | VV | 4149       | 68508   | 1.28%  | 0.074% |
| 199 | 13.716 | 13.694 | 13.767 | VV | 4778       | 187147  | 3.51%  | 0.202% |
| 200 | 13.790 | 13.767 | 13.824 | VV | 4902       | 155956  | 2.92%  | 0.168% |
| 201 | 13.856 | 13.824 | 13.881 | VV | 4592       | 149350  | 2.80%  | 0.161% |
| 202 | 13.915 | 13.881 | 13.921 | VV | 4694       | 109246  | 2.05%  | 0.118% |
| 203 | 13.950 | 13.921 | 13.964 | VV | 5139       | 125798  | 2.36%  | 0.136% |
| 204 | 14.031 | 13.964 | 14.049 | VV | 6465       | 292400  | 5.48%  | 0.315% |
| 205 | 14.064 | 14.049 | 14.110 | VV | 6472       | 219199  | 4.11%  | 0.236% |
| 206 | 14.158 | 14.110 | 14.193 | VV | 9006       | 333207  | 6.24%  | 0.359% |
| 207 | 14.212 | 14.193 | 14.226 | VV | 6904       | 131991  | 2.47%  | 0.142% |
| 208 | 14.248 | 14.226 | 14.280 | VV | 7966       | 229603  | 4.30%  | 0.248% |
| 209 | 14.300 | 14.280 | 14.346 | VV | 8395       | 269770  | 5.06%  | 0.291% |
| 210 | 14.421 | 14.346 | 14.442 | VV | 7681       | 400765  | 7.51%  | 0.432% |
| 211 | 14.464 | 14.442 | 14.485 | VV | 7472       | 178465  | 3.34%  | 0.192% |
| 212 | 14.512 | 14.485 | 14.531 | VV | 7162       | 187099  | 3.51%  | 0.202% |
| 213 | 14.557 | 14.531 | 14.584 | VV | 7886       | 237609  | 4.45%  | 0.256% |
| 214 | 14.615 | 14.584 | 14.627 | VV | 9815       | 229909  | 4.31%  | 0.248% |
| 215 | 14.651 | 14.627 | 14.677 | VV | 13135      | 315524  | 5.91%  | 0.340% |
| 216 | 14.698 | 14.677 | 14.729 | VV | 10369      | 275309  | 5.16%  | 0.297% |
| 217 | 14.771 | 14.729 | 14.797 | VV | 10293      | 367969  | 6.90%  | 0.397% |
| 218 | 14.805 | 14.797 | 14.829 | VV | 9120       | 163397  | 3.06%  | 0.176% |
| 219 | 14.836 | 14.829 | 14.876 | VV | 8651       | 228894  | 4.29%  | 0.247% |
| 220 | 14.938 | 14.876 | 14.964 | VV | 9283       | 451552  | 8.46%  | 0.487% |
| 221 | 14.982 | 14.964 | 15.011 | VV | 8949       | 236690  | 4.44%  | 0.255% |
| 222 | 15.080 | 15.011 | 15.162 | VV | 14355      | 1030352 | 19.31% | 1.111% |
| 223 | 15.170 | 15.162 | 15.194 | VV | 11792      | 215096  | 4.03%  | 0.232% |
| 224 | 15.217 | 15.194 | 15.249 | VV | 12703      | 364523  | 6.83%  | 0.393% |
| 225 | 15.283 | 15.249 | 15.307 | VV | 15858      | 426763  | 8.00%  | 0.460% |
| 226 | 15.324 | 15.307 | 15.364 | VV | 11963      | 363952  | 6.82%  | 0.392% |
| 227 | 15.420 | 15.364 | 15.436 | VV | 13248      | 488762  | 9.16%  | 0.527% |
| 228 | 15.452 | 15.436 | 15.480 | VV | 13183      | 325146  | 6.09%  | 0.351% |
| 229 | 15.521 | 15.480 | 15.544 | VV | 12244      | 435060  | 8.15%  | 0.469% |
| 230 | 15.559 | 15.544 | 15.573 | VV | 11725      | 202845  | 3.80%  | 0.219% |
| 231 | 15.609 | 15.573 | 15.631 | VV | 12667      | 406390  | 7.62%  | 0.438% |
| 232 | 15.649 | 15.631 | 15.672 | VV | 12540      | 296027  | 5.55%  | 0.319% |
| 233 | 15.681 | 15.672 | 15.688 | VV | 12143      | 119251  | 2.23%  | 0.129% |
| 234 | 15.716 | 15.688 | 15.746 | VV | 16284      | 465371  | 8.72%  | 0.502% |
| 235 | 15.779 | 15.746 | 15.806 | VV | 13715      | 451019  | 8.45%  | 0.486% |
| 236 | 15.889 | 15.806 | 15.935 | VV | 16773      | 1085340 | 20.34% | 1.170% |
| 237 | 15.992 | 15.935 | 16.015 | VV | 15956      | 705876  | 13.23% | 0.761% |
| 238 | 16.081 | 16.015 | 16.109 | VV | 17685      | 901081  | 16.89% | 0.972% |
| 239 | 16.161 | 16.109 | 16.179 | VV | 23608      | 765913  | 14.35% | 0.826% |
| 240 | 16.192 | 16.179 | 16.230 | VV | 22945      | 568069  | 10.65% | 0.612% |
| 241 | 16.296 | 16.230 | 16.336 | VV | 19941      | 1097930 | 20.58% | 1.184% |
| 242 | 16.358 | 16.336 | 16.372 | VV | 17876      | 379868  | 7.12%  | 0.410% |
| 243 | 16.393 | 16.372 | 16.429 | VV | 18200      | 593447  | 11.12% | 0.640% |
| 244 | 16.481 | 16.429 | 16.516 | VV | 32021      | 1166761 | 21.87% | 1.258% |
| 245 | 16.541 | 16.516 | 16.577 | VV | 25222      | 767023  | 14.37% | 0.827% |
| 246 | 16.586 | 16.577 | 16.595 | VV | 19334      | 205685  | 3.85%  | 0.222% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 247 | 16.660 | 16.595 | 16.691 | VV | 24613      | 1278886 | 23.97% | 1.379% |
| 248 | 16.703 | 16.691 | 16.725 | VV | 22699      | 444839  | 8.34%  | 0.480% |
| 249 | 16.745 | 16.725 | 16.764 | VV | 22045      | 494474  | 9.27%  | 0.533% |
| 250 | 16.785 | 16.764 | 16.805 | VV | 22636      | 534578  | 10.02% | 0.576% |
| 251 | 16.841 | 16.805 | 16.854 | VV | 22376      | 632032  | 11.84% | 0.681% |
| 252 | 16.881 | 16.854 | 16.904 | VV | 25278      | 702168  | 13.16% | 0.757% |
| 253 | 16.911 | 16.904 | 16.934 | VV | 23594      | 404094  | 7.57%  | 0.436% |
| 254 | 16.951 | 16.934 | 16.964 | VV | 22873      | 393882  | 7.38%  | 0.425% |
| 255 | 16.985 | 16.964 | 16.997 | VV | 22847      | 434536  | 8.14%  | 0.469% |
| 256 | 17.046 | 16.997 | 17.089 | VV | 26135      | 1297870 | 24.32% | 1.399% |
| 257 | 17.111 | 17.089 | 17.159 | VV | 27418      | 984888  | 18.46% | 1.062% |
| 258 | 17.204 | 17.159 | 17.257 | VV | 26109      | 1357355 | 25.44% | 1.463% |
| 259 | 17.266 | 17.257 | 17.284 | VV | 22913      | 356858  | 6.69%  | 0.385% |
| 260 | 17.308 | 17.284 | 17.325 | VV | 22737      | 537837  | 10.08% | 0.580% |
| 261 | 17.345 | 17.325 | 17.364 | VV | 22481      | 502830  | 9.42%  | 0.542% |
| 262 | 17.381 | 17.364 | 17.401 | VV | 23011      | 486182  | 9.11%  | 0.524% |
| 263 | 17.416 | 17.401 | 17.439 | VV | 23078      | 519138  | 9.73%  | 0.560% |
| 264 | 17.458 | 17.439 | 17.472 | VV | 23102      | 447670  | 8.39%  | 0.483% |
| 265 | 17.491 | 17.472 | 17.499 | VV | 24134      | 375312  | 7.03%  | 0.405% |
| 266 | 17.509 | 17.499 | 17.520 | VV | 23623      | 295310  | 5.53%  | 0.318% |
| 267 | 17.544 | 17.520 | 17.587 | VV | 28644      | 996772  | 18.68% | 1.075% |
| 268 | 17.667 | 17.587 | 17.682 | VV | 26282      | 1362735 | 25.54% | 1.469% |
| 269 | 17.689 | 17.682 | 17.760 | VV | 25078      | 1061704 | 19.90% | 1.145% |
| 270 | 17.772 | 17.760 | 17.793 | VV | 22667      | 434659  | 8.15%  | 0.469% |
| 271 | 17.843 | 17.793 | 17.884 | VV | 23690      | 1225881 | 22.97% | 1.322% |
| 272 | 17.908 | 17.884 | 17.942 | VV | 29969      | 887741  | 16.64% | 0.957% |
| 273 | 17.965 | 17.942 | 18.016 | VV | 29039      | 1108788 | 20.78% | 1.195% |
| 274 | 18.037 | 18.016 | 18.058 | VV | 25400      | 590709  | 11.07% | 0.637% |
| 275 | 18.069 | 18.058 | 18.139 | VV | 22945      | 1047733 | 19.64% | 1.130% |
| 276 | 18.158 | 18.139 | 18.205 | VV | 26085      | 879125  | 16.48% | 0.948% |
| 277 | 18.245 | 18.205 | 18.269 | VV | 22931      | 788323  | 14.77% | 0.850% |
| 278 | 18.278 | 18.269 | 18.307 | VV | 20714      | 445516  | 8.35%  | 0.480% |
| 279 | 18.317 | 18.307 | 18.340 | VV | 19431      | 374264  | 7.01%  | 0.404% |
| 280 | 18.374 | 18.340 | 18.442 | VV | 25436      | 1272732 | 23.85% | 1.372% |
| 281 | 18.474 | 18.442 | 18.485 | VV | 20278      | 499694  | 9.36%  | 0.539% |
| 282 | 18.506 | 18.485 | 18.551 | VV | 20804      | 747122  | 14.00% | 0.806% |
| 283 | 18.561 | 18.551 | 18.568 | VV | 18107      | 184845  | 3.46%  | 0.199% |
| 284 | 18.608 | 18.568 | 18.616 | VV | 18828      | 515632  | 9.66%  | 0.556% |
| 285 | 18.630 | 18.616 | 18.644 | VV | 18988      | 304338  | 5.70%  | 0.328% |
| 286 | 18.681 | 18.644 | 18.699 | VV | 18805      | 595196  | 11.15% | 0.642% |
| 287 | 18.724 | 18.699 | 18.731 | VV | 19999      | 366244  | 6.86%  | 0.395% |
| 288 | 18.768 | 18.731 | 18.815 | VV | 23720      | 1024789 | 19.21% | 1.105% |
| 289 | 18.830 | 18.815 | 18.840 | VV | 18583      | 261364  | 4.90%  | 0.282% |
| 290 | 18.851 | 18.840 | 18.868 | VV | 18485      | 302804  | 5.67%  | 0.326% |
| 291 | 18.876 | 18.868 | 18.902 | VV | 17699      | 356997  | 6.69%  | 0.385% |
| 292 | 18.919 | 18.902 | 18.927 | VV | 16773      | 238479  | 4.47%  | 0.257% |
| 293 | 18.938 | 18.927 | 18.951 | VV | 16832      | 246155  | 4.61%  | 0.265% |
| 294 | 18.967 | 18.951 | 19.006 | VV | 17063      | 534492  | 10.02% | 0.576% |
| 295 | 19.017 | 19.006 | 19.041 | VV | 16496      | 339380  | 6.36%  | 0.366% |
| 296 | 19.051 | 19.041 | 19.067 | VV | 16482      | 254954  | 4.78%  | 0.275% |
| 297 | 19.093 | 19.067 | 19.100 | VV | 15874      | 304497  | 5.71%  | 0.328% |
| 298 | 19.109 | 19.100 | 19.134 | VV | 15897      | 319970  | 6.00%  | 0.345% |
| 299 | 19.158 | 19.134 | 19.179 | VV | 18879      | 465756  | 8.73%  | 0.502% |

|     |        |        |                         |     |            |          |        |        |
|-----|--------|--------|-------------------------|-----|------------|----------|--------|--------|
|     |        |        |                         |     | rteres.txt |          |        |        |
| 300 | 19.198 | 19.179 | 19.245                  | VV  | 17513      | 636855   | 11.94% | 0.687% |
| 301 | 19.263 | 19.245 | 19.277                  | VV  | 16295      | 302060   | 5.66%  | 0.326% |
| 302 | 19.322 | 19.277 | 19.344                  | VV  | 16732      | 632690   | 11.86% | 0.682% |
| 303 | 19.354 | 19.344 | 19.364                  | VV  | 15600      | 184247   | 3.45%  | 0.199% |
| 304 | 19.385 | 19.364 | 19.426                  | VV  | 17358      | 599095   | 11.23% | 0.646% |
| 305 | 19.439 | 19.426 | 19.462                  | VV  | 16254      | 346267   | 6.49%  | 0.373% |
| 306 | 19.488 | 19.462 | 19.511                  | VV  | 16083      | 457623   | 8.58%  | 0.493% |
| 307 | 19.530 | 19.511 | 19.579                  | VV  | 17846      | 668528   | 12.53% | 0.721% |
| 308 | 19.589 | 19.579 | 19.607                  | VV  | 15678      | 261039   | 4.89%  | 0.281% |
| 309 | 19.616 | 19.607 | 19.632                  | VV  | 15460      | 226809   | 4.25%  | 0.245% |
| 310 | 19.701 | 19.632 | 19.727                  | VV  | 17171      | 914493   | 17.14% | 0.986% |
| 311 | 19.755 | 19.727 | 19.791                  | VV  | 17081      | 623681   | 11.69% | 0.672% |
| 312 | 19.825 | 19.791 | 19.850                  | VV  | 16320      | 573538   | 10.75% | 0.618% |
| 313 | 19.895 | 19.850 | 19.931                  | VV  | 17537      | 795048   | 14.90% | 0.857% |
| 314 | 19.947 | 19.931 | 19.971                  | VV  | 16131      | 380174   | 7.12%  | 0.410% |
| 315 | 19.990 | 19.971 | 20.010                  | VV  | 16130      | 380240   | 7.13%  | 0.410% |
| 316 | 20.041 | 20.010 | 20.078                  | VV  | 19190      | 702935   | 13.17% | 0.758% |
| 317 | 20.097 | 20.078 | 20.108                  | VV  | 16626      | 302647   | 5.67%  | 0.326% |
| 318 | 20.119 | 20.108 | 20.127                  | VV  | 16735      | 185472   | 3.48%  | 0.200% |
| 319 | 20.143 | 20.127 | 20.151                  | VV  | 16877      | 235252   | 4.41%  | 0.254% |
| 320 | 20.181 | 20.151 | 20.197                  | VV  | 16932      | 467059   | 8.75%  | 0.504% |
| 321 | 20.210 | 20.197 | 20.224                  | VV  | 17219      | 273417   | 5.12%  | 0.295% |
| 322 | 20.245 | 20.224 | 20.267                  | VV  | 18753      | 466664   | 8.75%  | 0.503% |
| 323 | 20.279 | 20.267 | 20.294                  | VV  | 17894      | 280839   | 5.26%  | 0.303% |
| 324 | 20.316 | 20.294 | 20.327                  | VV  | 17930      | 355532   | 6.66%  | 0.383% |
| 325 | 20.368 | 20.327 | 20.406                  | VV  | 18474      | 851725   | 15.96% | 0.918% |
| 326 | 20.412 | 20.406 | 20.471                  | VV  | 18501      | 697947   | 13.08% | 0.753% |
| 327 | 20.479 | 20.471 | 20.549                  | VV  | 17601      | 801927   | 15.03% | 0.865% |
| 328 | 20.554 | 20.549 | 20.567                  | VV  | 16961      | 184068   | 3.45%  | 0.198% |
| 329 | 20.591 | 20.567 | 20.652                  | VV  | 17590      | 864535   | 16.20% | 0.932% |
| 330 | 20.682 | 20.652 | 20.756                  | VV  | 16726      | 999538   | 18.73% | 1.078% |
| 331 | 20.760 | 20.756 | 20.837                  | VV  | 15566      | 737831   | 13.83% | 0.796% |
| 332 | 20.888 | 20.837 | 20.902                  | VV  | 14744      | 568539   | 10.65% | 0.613% |
| 333 | 20.907 | 20.902 | 20.941                  | VV  | 14775      | 335299   | 6.28%  | 0.362% |
| 334 | 20.947 | 20.941 | 20.976                  | VV  | 14387      | 291709   | 5.47%  | 0.315% |
| 335 | 20.996 | 20.976 | 21.028                  | VV  | 14439      | 447731   | 8.39%  | 0.483% |
| 336 | 21.038 | 21.028 | 21.076                  | VV  | 13841      | 382573   | 7.17%  | 0.412% |
| 337 | 21.082 | 21.076 | 21.095                  | VV  | 13255      | 156188   | 2.93%  | 0.168% |
| 338 | 21.103 | 21.095 | 21.184                  | VV  | 13035      | 673571   | 12.62% | 0.726% |
| 339 | 21.205 | 21.184 | 21.226                  | VV  | 12817      | 316001   | 5.92%  | 0.341% |
| 340 | 21.239 | 21.226 | 21.287                  | VV  | 12472      | 446526   | 8.37%  | 0.481% |
| 341 | 21.295 | 21.287 | 21.316                  | VV  | 11913      | 199004   | 3.73%  | 0.215% |
| 342 | 21.323 | 21.316 | 21.355                  | VV  | 11737      | 270068   | 5.06%  | 0.291% |
| 343 | 21.372 | 21.355 | 21.425                  | VV  | 11507      | 473698   | 8.88%  | 0.511% |
| 344 | 21.442 | 21.425 | 21.531                  | VV  | 11174      | 680724   | 12.76% | 0.734% |
| 345 | 21.542 | 21.531 | 21.566                  | VV  | 10378      | 220037   | 4.12%  | 0.237% |
| 346 | 21.576 | 21.566 | 21.601                  | VBA | 10341      | 226323   | 4.24%  | 0.244% |
|     |        |        | Sum of corrected areas: |     |            | 92747755 |        |        |