

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC081718AL\  
 Data File : FC035950.D  
 Signal(s) : FID1A.CH  
 Acq On : 17 Aug 2018 22:30  
 Sample : J4521-07  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 080218.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         | 3.220       | 3.182        | 3.301      | BV       | 221            | 7192         | 0.31%          | 0.023%        |
| 2         | 3.312       | 3.301        | 3.334      | PV       | 171            | 1945         | 0.08%          | 0.006%        |
| 3         | 3.367       | 3.334        | 3.390      | VV       | 152            | 3395         | 0.15%          | 0.011%        |
| 4         | 3.399       | 3.390        | 3.414      | VV       | 179            | 1628         | 0.07%          | 0.005%        |
| 5         | 3.421       | 3.414        | 3.432      | VV       | 132            | 1176         | 0.05%          | 0.004%        |
| 6         | 3.439       | 3.432        | 3.464      | VV       | 104            | 1739         | 0.08%          | 0.006%        |
| 7         | 3.495       | 3.464        | 3.534      | VV       | 256            | 5528         | 0.24%          | 0.018%        |
| 8         | 3.559       | 3.549        | 3.577      | VV       | 220            | 1913         | 0.08%          | 0.006%        |
| 9         | 3.590       | 3.577        | 3.611      | VV       | 182            | 2625         | 0.11%          | 0.008%        |
| 10        | 3.626       | 3.611        | 3.642      | PV       | 244            | 2941         | 0.13%          | 0.009%        |
| 11        | 3.656       | 3.642        | 3.692      | VV       | 256            | 3172         | 0.14%          | 0.010%        |
| 12        | 3.712       | 3.692        | 3.778      | VV       | 445            | 9735         | 0.42%          | 0.031%        |
| 13        | 3.789       | 3.778        | 3.801      | VV       | 186            | 1676         | 0.07%          | 0.005%        |
| 14        | 3.809       | 3.801        | 3.822      | VV       | 230            | 2028         | 0.09%          | 0.007%        |
| 15        | 3.824       | 3.822        | 3.862      | VV       | 226            | 2681         | 0.12%          | 0.009%        |
| 16        | 3.888       | 3.862        | 3.909      | VV       | 516            | 7580         | 0.33%          | 0.024%        |
| 17        | 3.915       | 3.909        | 3.936      | VV       | 232            | 3069         | 0.13%          | 0.010%        |
| 18        | 3.943       | 3.936        | 3.959      | VV       | 195            | 2014         | 0.09%          | 0.006%        |
| 19        | 3.980       | 3.959        | 4.002      | VV       | 299            | 4297         | 0.19%          | 0.014%        |
| 20        | 4.011       | 4.002        | 4.036      | VV       | 278            | 2968         | 0.13%          | 0.010%        |
| 21        | 4.049       | 4.036        | 4.075      | VV       | 439            | 4898         | 0.21%          | 0.016%        |
| 22        | 4.115       | 4.075        | 4.140      | VV       | 250            | 6697         | 0.29%          | 0.022%        |
| 23        | 4.204       | 4.154        | 4.252      | VV       | 365            | 11260        | 0.49%          | 0.036%        |
| 24        | 4.287       | 4.252        | 4.307      | PV       | 469            | 7315         | 0.32%          | 0.024%        |
| 25        | 4.328       | 4.307        | 4.347      | VV       | 197            | 3421         | 0.15%          | 0.011%        |
| 26        | 4.353       | 4.347        | 4.369      | VV       | 260            | 2110         | 0.09%          | 0.007%        |
| 27        | 4.386       | 4.369        | 4.419      | VV       | 272            | 5212         | 0.23%          | 0.017%        |
| 28        | 4.431       | 4.419        | 4.475      | VV       | 379            | 8479         | 0.37%          | 0.027%        |
| 29        | 4.484       | 4.475        | 4.527      | VV       | 201            | 5581         | 0.24%          | 0.018%        |
| 30        | 4.540       | 4.527        | 4.554      | VV       | 301            | 3116         | 0.13%          | 0.010%        |
| 31        | 4.572       | 4.554        | 4.603      | VV       | 644            | 8051         | 0.35%          | 0.026%        |
| 32        | 4.637       | 4.603        | 4.651      | PV       | 241            | 5144         | 0.22%          | 0.017%        |
| 33        | 4.668       | 4.651        | 4.692      | VV       | 1211           | 13642        | 0.59%          | 0.044%        |
| 34        | 4.706       | 4.692        | 4.777      | VV       | 286            | 8947         | 0.39%          | 0.029%        |
| 35        | 4.798       | 4.777        | 4.822      | VV       | 157            | 2194         | 0.09%          | 0.007%        |
| 36        | 4.840       | 4.822        | 4.848      | VV       | 233            | 2509         | 0.11%          | 0.008%        |

|    |       |       |       |    |            |       |       |        |  |
|----|-------|-------|-------|----|------------|-------|-------|--------|--|
|    |       |       |       |    | rteres.txt |       |       |        |  |
| 37 | 4.868 | 4.848 | 4.901 | VV | 931        | 15065 | 0.65% | 0.049% |  |
| 38 | 4.918 | 4.901 | 4.945 | VV | 927        | 10645 | 0.46% | 0.034% |  |
| 39 | 4.972 | 4.945 | 5.002 | VV | 1137       | 15005 | 0.65% | 0.048% |  |
| 40 | 5.031 | 5.002 | 5.062 | VV | 307        | 6014  | 0.26% | 0.019% |  |
| 41 | 5.091 | 5.062 | 5.131 | PV | 531        | 12487 | 0.54% | 0.040% |  |
| 42 | 5.146 | 5.131 | 5.170 | VV | 285        | 4605  | 0.20% | 0.015% |  |
| 43 | 5.209 | 5.170 | 5.256 | VV | 387        | 11351 | 0.49% | 0.037% |  |
| 44 | 5.270 | 5.256 | 5.280 | VV | 249        | 2210  | 0.10% | 0.007% |  |
| 45 | 5.290 | 5.280 | 5.304 | VV | 193        | 2122  | 0.09% | 0.007% |  |
| 46 | 5.321 | 5.304 | 5.347 | VV | 771        | 11992 | 0.52% | 0.039% |  |
| 47 | 5.361 | 5.347 | 5.382 | VV | 602        | 7844  | 0.34% | 0.025% |  |
| 48 | 5.421 | 5.382 | 5.457 | VV | 313        | 9786  | 0.42% | 0.032% |  |
| 49 | 5.499 | 5.457 | 5.523 | VV | 521        | 12242 | 0.53% | 0.039% |  |
| 50 | 5.536 | 5.523 | 5.562 | VV | 241        | 4102  | 0.18% | 0.013% |  |
| 51 | 5.577 | 5.562 | 5.587 | VV | 278        | 2667  | 0.12% | 0.009% |  |
| 52 | 5.599 | 5.587 | 5.649 | VV | 352        | 8188  | 0.35% | 0.026% |  |
| 53 | 5.683 | 5.649 | 5.728 | VV | 254        | 7963  | 0.34% | 0.026% |  |
| 54 | 5.771 | 5.728 | 5.794 | VV | 323        | 7684  | 0.33% | 0.025% |  |
| 55 | 5.824 | 5.794 | 5.852 | VV | 276        | 7490  | 0.32% | 0.024% |  |
| 56 | 5.871 | 5.852 | 5.911 | VV | 469        | 11785 | 0.51% | 0.038% |  |
| 57 | 5.922 | 5.911 | 5.940 | VV | 350        | 4655  | 0.20% | 0.015% |  |
| 58 | 5.959 | 5.940 | 5.984 | VV | 432        | 8588  | 0.37% | 0.028% |  |
| 59 | 6.026 | 5.984 | 6.039 | VV | 538        | 11640 | 0.50% | 0.038% |  |
| 60 | 6.049 | 6.039 | 6.073 | VV | 413        | 7234  | 0.31% | 0.023% |  |
| 61 | 6.103 | 6.073 | 6.117 | VV | 433        | 8537  | 0.37% | 0.028% |  |
| 62 | 6.147 | 6.117 | 6.157 | VV | 413        | 7764  | 0.34% | 0.025% |  |
| 63 | 6.205 | 6.157 | 6.219 | VV | 553        | 16937 | 0.73% | 0.055% |  |
| 64 | 6.232 | 6.219 | 6.266 | VV | 535        | 12773 | 0.55% | 0.041% |  |
| 65 | 6.299 | 6.266 | 6.374 | VV | 1346       | 32848 | 1.42% | 0.106% |  |
| 66 | 6.380 | 6.374 | 6.409 | VV | 192        | 4009  | 0.17% | 0.013% |  |
| 67 | 6.444 | 6.409 | 6.474 | VV | 473        | 10536 | 0.46% | 0.034% |  |
| 68 | 6.480 | 6.474 | 6.509 | VV | 263        | 2285  | 0.10% | 0.007% |  |
| 69 | 6.515 | 6.509 | 6.544 | PV | 91         | 1271  | 0.05% | 0.004% |  |
| 70 | 6.613 | 6.544 | 6.633 | VV | 330        | 7143  | 0.31% | 0.023% |  |
| 71 | 6.651 | 6.633 | 6.709 | VV | 227        | 6725  | 0.29% | 0.022% |  |
| 72 | 6.723 | 6.709 | 6.734 | VV | 219        | 1847  | 0.08% | 0.006% |  |
| 73 | 6.756 | 6.734 | 6.767 | VV | 251        | 2990  | 0.13% | 0.010% |  |
| 74 | 6.786 | 6.767 | 6.837 | VV | 301        | 7799  | 0.34% | 0.025% |  |
| 75 | 6.854 | 6.837 | 6.883 | VV | 219        | 4323  | 0.19% | 0.014% |  |
| 76 | 6.901 | 6.883 | 6.926 | VV | 288        | 4244  | 0.18% | 0.014% |  |
| 77 | 6.946 | 6.926 | 6.974 | VV | 249        | 3502  | 0.15% | 0.011% |  |
| 78 | 6.996 | 6.974 | 7.031 | PV | 516        | 8701  | 0.38% | 0.028% |  |
| 79 | 7.078 | 7.031 | 7.142 | VV | 388        | 14150 | 0.61% | 0.046% |  |
| 80 | 7.177 | 7.142 | 7.195 | VV | 303        | 6223  | 0.27% | 0.020% |  |
| 81 | 7.218 | 7.195 | 7.250 | VV | 1285       | 17381 | 0.75% | 0.056% |  |
| 82 | 7.265 | 7.250 | 7.322 | VV | 457        | 10722 | 0.46% | 0.035% |  |
| 83 | 7.329 | 7.322 | 7.345 | VV | 192        | 1902  | 0.08% | 0.006% |  |
| 84 | 7.391 | 7.345 | 7.419 | VV | 299        | 9419  | 0.41% | 0.030% |  |
| 85 | 7.438 | 7.419 | 7.451 | VV | 282        | 3723  | 0.16% | 0.012% |  |
| 86 | 7.499 | 7.451 | 7.526 | VV | 614        | 17718 | 0.77% | 0.057% |  |
| 87 | 7.554 | 7.526 | 7.569 | VV | 793        | 15410 | 0.67% | 0.050% |  |
| 88 | 7.630 | 7.569 | 7.677 | VV | 1343       | 57871 | 2.50% | 0.187% |  |
| 89 | 7.693 | 7.677 | 7.724 | VV | 599        | 13111 | 0.57% | 0.042% |  |

|     |        |        |        |    |            |       |       |        |
|-----|--------|--------|--------|----|------------|-------|-------|--------|
|     |        |        |        |    | rteres.txt |       |       |        |
| 90  | 7.739  | 7.724  | 7.751  | VV | 537        | 7019  | 0.30% | 0.023% |
| 91  | 7.780  | 7.751  | 7.801  | VV | 897        | 17318 | 0.75% | 0.056% |
| 92  | 7.818  | 7.801  | 7.869  | VV | 1124       | 27614 | 1.19% | 0.089% |
| 93  | 7.908  | 7.869  | 7.932  | VV | 857        | 22238 | 0.96% | 0.072% |
| 94  | 7.955  | 7.932  | 7.977  | VV | 726        | 15384 | 0.66% | 0.050% |
| 95  | 7.994  | 7.977  | 8.034  | VV | 869        | 20098 | 0.87% | 0.065% |
| 96  | 8.085  | 8.034  | 8.121  | VV | 2845       | 51206 | 2.21% | 0.165% |
| 97  | 8.132  | 8.121  | 8.167  | VV | 448        | 8427  | 0.36% | 0.027% |
| 98  | 8.177  | 8.167  | 8.214  | VV | 298        | 5487  | 0.24% | 0.018% |
| 99  | 8.235  | 8.214  | 8.305  | VV | 2266       | 29976 | 1.29% | 0.097% |
| 100 | 8.332  | 8.305  | 8.373  | VV | 384        | 8069  | 0.35% | 0.026% |
| 101 | 8.382  | 8.373  | 8.390  | VV | 224        | 1539  | 0.07% | 0.005% |
| 102 | 8.437  | 8.390  | 8.447  | VV | 580        | 12689 | 0.55% | 0.041% |
| 103 | 8.460  | 8.447  | 8.486  | VV | 669        | 11349 | 0.49% | 0.037% |
| 104 | 8.502  | 8.486  | 8.510  | VV | 382        | 4634  | 0.20% | 0.015% |
| 105 | 8.530  | 8.510  | 8.552  | VV | 1438       | 19827 | 0.86% | 0.064% |
| 106 | 8.596  | 8.552  | 8.606  | VV | 857        | 19996 | 0.86% | 0.064% |
| 107 | 8.618  | 8.606  | 8.647  | VV | 1193       | 13741 | 0.59% | 0.044% |
| 108 | 8.668  | 8.647  | 8.682  | VV | 282        | 4164  | 0.18% | 0.013% |
| 109 | 8.695  | 8.682  | 8.727  | VV | 328        | 6191  | 0.27% | 0.020% |
| 110 | 8.796  | 8.727  | 8.856  | VV | 1768       | 52221 | 2.26% | 0.168% |
| 111 | 8.903  | 8.856  | 8.945  | VV | 2344       | 41573 | 1.80% | 0.134% |
| 112 | 8.959  | 8.945  | 8.972  | VV | 419        | 4612  | 0.20% | 0.015% |
| 113 | 8.988  | 8.972  | 9.009  | VV | 275        | 5262  | 0.23% | 0.017% |
| 114 | 9.037  | 9.009  | 9.049  | VV | 350        | 5626  | 0.24% | 0.018% |
| 115 | 9.089  | 9.049  | 9.171  | VV | 1867       | 45033 | 1.95% | 0.145% |
| 116 | 9.196  | 9.171  | 9.231  | VV | 442        | 9503  | 0.41% | 0.031% |
| 117 | 9.276  | 9.231  | 9.311  | VV | 1203       | 27242 | 1.18% | 0.088% |
| 118 | 9.358  | 9.311  | 9.385  | VV | 489        | 14172 | 0.61% | 0.046% |
| 119 | 9.407  | 9.385  | 9.426  | VV | 544        | 8847  | 0.38% | 0.029% |
| 120 | 9.457  | 9.426  | 9.492  | VV | 619        | 14891 | 0.64% | 0.048% |
| 121 | 9.503  | 9.492  | 9.537  | VV | 239        | 4474  | 0.19% | 0.014% |
| 122 | 9.547  | 9.537  | 9.569  | VV | 393        | 3558  | 0.15% | 0.011% |
| 123 | 9.598  | 9.569  | 9.652  | VV | 2193       | 39935 | 1.73% | 0.129% |
| 124 | 9.679  | 9.652  | 9.727  | VV | 5857       | 89700 | 3.88% | 0.289% |
| 125 | 9.736  | 9.727  | 9.742  | VV | 358        | 2930  | 0.13% | 0.009% |
| 126 | 9.766  | 9.742  | 9.864  | VV | 526        | 16770 | 0.72% | 0.054% |
| 127 | 9.870  | 9.864  | 9.895  | VV | 228        | 2997  | 0.13% | 0.010% |
| 128 | 9.912  | 9.895  | 9.932  | VV | 236        | 3523  | 0.15% | 0.011% |
| 129 | 9.946  | 9.932  | 9.994  | VV | 257        | 5605  | 0.24% | 0.018% |
| 130 | 10.023 | 9.994  | 10.039 | PV | 442        | 8024  | 0.35% | 0.026% |
| 131 | 10.063 | 10.039 | 10.096 | VV | 1521       | 27823 | 1.20% | 0.090% |
| 132 | 10.112 | 10.096 | 10.136 | VV | 451        | 8813  | 0.38% | 0.028% |
| 133 | 10.157 | 10.136 | 10.189 | VV | 819        | 16539 | 0.71% | 0.053% |
| 134 | 10.207 | 10.189 | 10.227 | VV | 578        | 8519  | 0.37% | 0.027% |
| 135 | 10.239 | 10.227 | 10.286 | VV | 293        | 9274  | 0.40% | 0.030% |
| 136 | 10.311 | 10.286 | 10.329 | VV | 582        | 11739 | 0.51% | 0.038% |
| 137 | 10.340 | 10.329 | 10.370 | VV | 643        | 11284 | 0.49% | 0.036% |
| 138 | 10.412 | 10.370 | 10.459 | VV | 4130       | 75588 | 3.27% | 0.244% |
| 139 | 10.486 | 10.459 | 10.567 | VV | 2330       | 53686 | 2.32% | 0.173% |
| 140 | 10.597 | 10.567 | 10.621 | VV | 318        | 7435  | 0.32% | 0.024% |
| 141 | 10.637 | 10.621 | 10.659 | VV | 286        | 4487  | 0.19% | 0.014% |

|     |        |        |        |    |            |         |         |        |
|-----|--------|--------|--------|----|------------|---------|---------|--------|
|     |        |        |        |    | rteres.txt |         |         |        |
| 142 | 10.689 | 10.659 | 10.712 | VV | 321        | 6888    | 0.30%   | 0.022% |
| 143 | 10.734 | 10.712 | 10.768 | VV | 573        | 14921   | 0.64%   | 0.048% |
| 144 | 10.793 | 10.768 | 10.842 | VV | 840        | 23140   | 1.00%   | 0.075% |
| 145 | 10.863 | 10.842 | 10.899 | VV | 511        | 10383   | 0.45%   | 0.033% |
| 146 | 10.919 | 10.899 | 10.944 | VV | 525        | 8585    | 0.37%   | 0.028% |
| 147 | 10.966 | 10.944 | 11.006 | VV | 377        | 9574    | 0.41%   | 0.031% |
| 148 | 11.044 | 11.006 | 11.086 | VV | 4620       | 68395   | 2.95%   | 0.220% |
| 149 | 11.113 | 11.086 | 11.176 | VV | 7691       | 115289  | 4.98%   | 0.372% |
| 150 | 11.204 | 11.176 | 11.250 | VV | 1765       | 30336   | 1.31%   | 0.098% |
| 151 | 11.270 | 11.250 | 11.284 | VV | 119        | 2532    | 0.11%   | 0.008% |
| 152 | 11.296 | 11.284 | 11.339 | VV | 138        | 3055    | 0.13%   | 0.010% |
| 153 | 11.406 | 11.339 | 11.447 | VV | 550        | 18272   | 0.79%   | 0.059% |
| 154 | 11.473 | 11.447 | 11.483 | VV | 447        | 6239    | 0.27%   | 0.020% |
| 155 | 11.506 | 11.483 | 11.534 | VV | 940        | 19588   | 0.85%   | 0.063% |
| 156 | 11.547 | 11.534 | 11.576 | VV | 660        | 12363   | 0.53%   | 0.040% |
| 157 | 11.595 | 11.576 | 11.632 | VV | 744        | 13646   | 0.59%   | 0.044% |
| 158 | 11.673 | 11.632 | 11.694 | VV | 378        | 10031   | 0.43%   | 0.032% |
| 159 | 11.713 | 11.694 | 11.734 | VV | 898        | 13244   | 0.57%   | 0.043% |
| 160 | 11.779 | 11.734 | 11.809 | VV | 5076       | 82292   | 3.55%   | 0.265% |
| 161 | 11.817 | 11.809 | 11.837 | VV | 524        | 6687    | 0.29%   | 0.022% |
| 162 | 11.864 | 11.837 | 11.892 | VV | 583        | 15210   | 0.66%   | 0.049% |
| 163 | 11.918 | 11.892 | 11.947 | VV | 500        | 12398   | 0.54%   | 0.040% |
| 164 | 11.984 | 11.947 | 11.997 | VV | 506        | 9918    | 0.43%   | 0.032% |
| 165 | 12.047 | 11.997 | 12.139 | VV | 1160       | 60128   | 2.60%   | 0.194% |
| 166 | 12.164 | 12.139 | 12.172 | VV | 862        | 13504   | 0.58%   | 0.044% |
| 167 | 12.184 | 12.172 | 12.207 | VV | 990        | 16110   | 0.70%   | 0.052% |
| 168 | 12.229 | 12.207 | 12.286 | VV | 929        | 28424   | 1.23%   | 0.092% |
| 169 | 12.305 | 12.286 | 12.315 | VV | 494        | 7465    | 0.32%   | 0.024% |
| 170 | 12.358 | 12.315 | 12.389 | VV | 3944       | 68115   | 2.94%   | 0.220% |
| 171 | 12.417 | 12.389 | 12.461 | VV | 7425       | 105231  | 4.55%   | 0.339% |
| 172 | 12.509 | 12.461 | 12.528 | VV | 1005       | 24805   | 1.07%   | 0.080% |
| 173 | 12.537 | 12.528 | 12.609 | VV | 647        | 16315   | 0.70%   | 0.053% |
| 174 | 12.668 | 12.624 | 12.686 | PV | 456        | 8330    | 0.36%   | 0.027% |
| 175 | 12.705 | 12.686 | 12.717 | VV | 337        | 4536    | 0.20%   | 0.015% |
| 176 | 12.736 | 12.717 | 12.753 | VV | 274        | 4517    | 0.20%   | 0.015% |
| 177 | 12.810 | 12.753 | 12.824 | VV | 672        | 19939   | 0.86%   | 0.064% |
| 178 | 12.858 | 12.824 | 12.929 | VV | 184845     | 2314820 | 100.00% | 7.460% |
| 179 | 12.939 | 12.929 | 12.997 | VV | 1233       | 33520   | 1.45%   | 0.108% |
| 180 | 13.026 | 12.997 | 13.082 | VV | 4130       | 75887   | 3.28%   | 0.245% |
| 181 | 13.095 | 13.082 | 13.143 | VV | 640        | 18395   | 0.79%   | 0.059% |
| 182 | 13.154 | 13.143 | 13.169 | VV | 447        | 5285    | 0.23%   | 0.017% |
| 183 | 13.182 | 13.169 | 13.213 | VV | 469        | 7166    | 0.31%   | 0.023% |
| 184 | 13.277 | 13.213 | 13.321 | PV | 1071       | 34543   | 1.49%   | 0.111% |
| 185 | 13.334 | 13.321 | 13.357 | VV | 528        | 8257    | 0.36%   | 0.027% |
| 186 | 13.378 | 13.357 | 13.387 | VV | 295        | 5199    | 0.22%   | 0.017% |
| 187 | 13.439 | 13.387 | 13.503 | VV | 763        | 30824   | 1.33%   | 0.099% |
| 188 | 13.558 | 13.503 | 13.579 | VV | 2315       | 39900   | 1.72%   | 0.129% |
| 189 | 13.609 | 13.579 | 13.679 | VV | 4649       | 82952   | 3.58%   | 0.267% |
| 190 | 13.704 | 13.679 | 13.725 | VV | 450        | 8188    | 0.35%   | 0.026% |
| 191 | 13.752 | 13.725 | 13.783 | VV | 317        | 7541    | 0.33%   | 0.024% |
| 192 | 13.820 | 13.783 | 13.832 | VV | 534        | 10217   | 0.44%   | 0.033% |
| 193 | 13.841 | 13.832 | 13.855 | VV | 562        | 6912    | 0.30%   | 0.022% |
| 194 | 13.872 | 13.855 | 13.889 | VV | 501        | 7961    | 0.34%   | 0.026% |

|     |        |        |        |    |            |        |        |        |
|-----|--------|--------|--------|----|------------|--------|--------|--------|
|     |        |        |        |    | rteres.txt |        |        |        |
| 195 | 13.905 | 13.889 | 13.939 | VV | 491        | 8115   | 0.35%  | 0.026% |
| 196 | 13.971 | 13.939 | 13.981 | VV | 444        | 8336   | 0.36%  | 0.027% |
| 197 | 14.000 | 13.981 | 14.010 | VV | 701        | 10020  | 0.43%  | 0.032% |
| 198 | 14.044 | 14.010 | 14.072 | VV | 1448       | 30101  | 1.30%  | 0.097% |
| 199 | 14.107 | 14.072 | 14.146 | VV | 734        | 16170  | 0.70%  | 0.052% |
| 200 | 14.171 | 14.146 | 14.195 | VV | 2502       | 36249  | 1.57%  | 0.117% |
| 201 | 14.215 | 14.195 | 14.257 | VV | 1002       | 23947  | 1.03%  | 0.077% |
| 202 | 14.288 | 14.257 | 14.300 | VV | 474        | 9763   | 0.42%  | 0.031% |
| 203 | 14.325 | 14.300 | 14.344 | VV | 437        | 7643   | 0.33%  | 0.025% |
| 204 | 14.405 | 14.344 | 14.432 | VV | 876        | 23075  | 1.00%  | 0.074% |
| 205 | 14.439 | 14.432 | 14.471 | VV | 337        | 6257   | 0.27%  | 0.020% |
| 206 | 14.478 | 14.471 | 14.501 | VV | 275        | 2967   | 0.13%  | 0.010% |
| 207 | 14.558 | 14.501 | 14.581 | VV | 691        | 16973  | 0.73%  | 0.055% |
| 208 | 14.603 | 14.581 | 14.619 | VV | 472        | 6278   | 0.27%  | 0.020% |
| 209 | 14.631 | 14.619 | 14.644 | VV | 418        | 4102   | 0.18%  | 0.013% |
| 210 | 14.664 | 14.644 | 14.684 | VV | 1325       | 18735  | 0.81%  | 0.060% |
| 211 | 14.708 | 14.684 | 14.790 | VV | 3337       | 55912  | 2.42%  | 0.180% |
| 212 | 14.800 | 14.790 | 14.806 | VV | 216        | 1963   | 0.08%  | 0.006% |
| 213 | 14.824 | 14.806 | 14.842 | VV | 479        | 6408   | 0.28%  | 0.021% |
| 214 | 14.870 | 14.842 | 14.889 | VV | 280        | 5770   | 0.25%  | 0.019% |
| 215 | 14.901 | 14.889 | 14.928 | PV | 302        | 5402   | 0.23%  | 0.017% |
| 216 | 14.949 | 14.928 | 14.967 | PV | 342        | 4674   | 0.20%  | 0.015% |
| 217 | 15.044 | 14.967 | 15.074 | VV | 373        | 15700  | 0.68%  | 0.051% |
| 218 | 15.128 | 15.074 | 15.147 | VV | 573        | 13856  | 0.60%  | 0.045% |
| 219 | 15.154 | 15.147 | 15.185 | VV | 371        | 5035   | 0.22%  | 0.016% |
| 220 | 15.227 | 15.185 | 15.258 | PV | 2119       | 35773  | 1.55%  | 0.115% |
| 221 | 15.275 | 15.258 | 15.289 | VV | 426        | 6142   | 0.27%  | 0.020% |
| 222 | 15.306 | 15.289 | 15.322 | VV | 346        | 5580   | 0.24%  | 0.018% |
| 223 | 15.344 | 15.322 | 15.364 | VV | 571        | 8742   | 0.38%  | 0.028% |
| 224 | 15.441 | 15.364 | 15.481 | PV | 514        | 17512  | 0.76%  | 0.056% |
| 225 | 15.545 | 15.481 | 15.572 | VV | 509        | 15925  | 0.69%  | 0.051% |
| 226 | 15.585 | 15.572 | 15.622 | VV | 433        | 8912   | 0.38%  | 0.029% |
| 227 | 15.685 | 15.622 | 15.702 | VV | 1042       | 20029  | 0.87%  | 0.065% |
| 228 | 15.726 | 15.702 | 15.775 | VV | 2942       | 48785  | 2.11%  | 0.157% |
| 229 | 15.794 | 15.775 | 15.804 | PV | 359        | 3837   | 0.17%  | 0.012% |
| 230 | 15.861 | 15.804 | 15.869 | VV | 488        | 11206  | 0.48%  | 0.036% |
| 231 | 15.909 | 15.869 | 15.941 | VV | 911        | 26831  | 1.16%  | 0.086% |
| 232 | 15.958 | 15.941 | 15.969 | VV | 594        | 6748   | 0.29%  | 0.022% |
| 233 | 16.011 | 15.969 | 16.026 | VV | 757        | 21626  | 0.93%  | 0.070% |
| 234 | 16.048 | 16.026 | 16.072 | VV | 981        | 23213  | 1.00%  | 0.075% |
| 235 | 16.080 | 16.072 | 16.136 | VV | 959        | 23227  | 1.00%  | 0.075% |
| 236 | 16.154 | 16.136 | 16.175 | VV | 1090       | 20513  | 0.89%  | 0.066% |
| 237 | 16.206 | 16.175 | 16.269 | VV | 3750       | 91878  | 3.97%  | 0.296% |
| 238 | 16.348 | 16.269 | 16.394 | VV | 2105       | 124094 | 5.36%  | 0.400% |
| 239 | 16.408 | 16.394 | 16.421 | VV | 2202       | 30526  | 1.32%  | 0.098% |
| 240 | 16.443 | 16.421 | 16.452 | VV | 1934       | 33441  | 1.44%  | 0.108% |
| 241 | 16.467 | 16.452 | 16.487 | VV | 2024       | 37795  | 1.63%  | 0.122% |
| 242 | 16.531 | 16.487 | 16.551 | VV | 2454       | 79498  | 3.43%  | 0.256% |
| 243 | 16.569 | 16.551 | 16.591 | VV | 2441       | 51767  | 2.24%  | 0.167% |
| 244 | 16.677 | 16.591 | 16.705 | VV | 7956       | 263510 | 11.38% | 0.849% |
| 245 | 16.719 | 16.705 | 16.737 | VV | 3163       | 55887  | 2.41%  | 0.180% |
| 246 | 16.758 | 16.737 | 16.771 | VV | 3304       | 60902  | 2.63%  | 0.196% |

|     |        |        |        |    | rteres.txt |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
| 247 | 16.794 | 16.771 | 16.812 | VV | 3148       | 73562   | 3.18%  | 0.237% |
| 248 | 16.845 | 16.812 | 16.866 | VV | 4740       | 125987  | 5.44%  | 0.406% |
| 249 | 16.891 | 16.866 | 16.936 | VV | 5595       | 185365  | 8.01%  | 0.597% |
| 250 | 16.961 | 16.936 | 16.986 | VV | 4395       | 119212  | 5.15%  | 0.384% |
| 251 | 16.992 | 16.986 | 17.008 | VV | 4099       | 52010   | 2.25%  | 0.168% |
| 252 | 17.066 | 17.008 | 17.098 | VV | 5754       | 257253  | 11.11% | 0.829% |
| 253 | 17.123 | 17.098 | 17.161 | VV | 9338       | 249285  | 10.77% | 0.803% |
| 254 | 17.177 | 17.161 | 17.196 | VV | 5489       | 105026  | 4.54%  | 0.338% |
| 255 | 17.221 | 17.196 | 17.257 | VV | 6809       | 196530  | 8.49%  | 0.633% |
| 256 | 17.282 | 17.257 | 17.290 | VV | 4456       | 85548   | 3.70%  | 0.276% |
| 257 | 17.301 | 17.290 | 17.332 | VV | 4954       | 109940  | 4.75%  | 0.354% |
| 258 | 17.341 | 17.332 | 17.358 | VV | 4104       | 59731   | 2.58%  | 0.192% |
| 259 | 17.399 | 17.358 | 17.417 | VV | 5245       | 157642  | 6.81%  | 0.508% |
| 260 | 17.443 | 17.417 | 17.474 | VV | 7270       | 198518  | 8.58%  | 0.640% |
| 261 | 17.518 | 17.474 | 17.531 | VV | 8899       | 236075  | 10.20% | 0.761% |
| 262 | 17.549 | 17.531 | 17.627 | VV | 11166      | 414485  | 17.91% | 1.336% |
| 263 | 17.684 | 17.627 | 17.763 | VV | 10876      | 566532  | 24.47% | 1.826% |
| 264 | 17.785 | 17.763 | 17.811 | VV | 5781       | 148939  | 6.43%  | 0.480% |
| 265 | 17.832 | 17.811 | 17.841 | VV | 6709       | 107313  | 4.64%  | 0.346% |
| 266 | 17.884 | 17.841 | 17.938 | VV | 7414       | 380774  | 16.45% | 1.227% |
| 267 | 17.979 | 17.938 | 18.001 | VV | 10441      | 272613  | 11.78% | 0.879% |
| 268 | 18.047 | 18.001 | 18.099 | VV | 11691      | 434912  | 18.79% | 1.402% |
| 269 | 18.118 | 18.099 | 18.154 | VV | 6400       | 188067  | 8.12%  | 0.606% |
| 270 | 18.208 | 18.154 | 18.229 | VV | 6380       | 264313  | 11.42% | 0.852% |
| 271 | 18.280 | 18.229 | 18.296 | VV | 6633       | 247271  | 10.68% | 0.797% |
| 272 | 18.304 | 18.296 | 18.316 | VV | 6380       | 75512   | 3.26%  | 0.243% |
| 273 | 18.385 | 18.316 | 18.438 | VV | 11024      | 572834  | 24.75% | 1.846% |
| 274 | 18.466 | 18.438 | 18.495 | VV | 10408      | 286586  | 12.38% | 0.924% |
| 275 | 18.517 | 18.495 | 18.566 | VV | 9890       | 354037  | 15.29% | 1.141% |
| 276 | 18.641 | 18.566 | 18.657 | VV | 9361       | 455029  | 19.66% | 1.466% |
| 277 | 18.676 | 18.657 | 18.686 | VV | 9262       | 154137  | 6.66%  | 0.497% |
| 278 | 18.788 | 18.686 | 18.837 | VV | 13350      | 951167  | 41.09% | 3.065% |
| 279 | 18.869 | 18.837 | 18.913 | VV | 11935      | 495092  | 21.39% | 1.596% |
| 280 | 18.982 | 18.913 | 18.996 | VV | 12169      | 576970  | 24.93% | 1.859% |
| 281 | 19.025 | 18.996 | 19.045 | VV | 12493      | 354059  | 15.30% | 1.141% |
| 282 | 19.078 | 19.045 | 19.094 | VV | 12452      | 354243  | 15.30% | 1.142% |
| 283 | 19.174 | 19.094 | 19.209 | VV | 16667      | 951601  | 41.11% | 3.067% |
| 284 | 19.276 | 19.209 | 19.307 | VV | 16035      | 872099  | 37.67% | 2.811% |
| 285 | 19.325 | 19.307 | 19.347 | VV | 15395      | 357487  | 15.44% | 1.152% |
| 286 | 19.367 | 19.347 | 19.382 | VV | 15786      | 314794  | 13.60% | 1.014% |
| 287 | 19.402 | 19.382 | 19.411 | VV | 15961      | 269414  | 11.64% | 0.868% |
| 288 | 19.467 | 19.411 | 19.486 | VV | 16874      | 734308  | 31.72% | 2.366% |
| 289 | 19.541 | 19.486 | 19.557 | VV | 19640      | 768576  | 33.20% | 2.477% |
| 290 | 19.575 | 19.557 | 19.614 | VV | 19834      | 655221  | 28.31% | 2.112% |
| 291 | 19.680 | 19.614 | 19.702 | VV | 19890      | 1019253 | 44.03% | 3.285% |
| 292 | 19.716 | 19.702 | 19.734 | VV | 19188      | 365135  | 15.77% | 1.177% |
| 293 | 19.822 | 19.734 | 19.830 | VV | 21915      | 1166374 | 50.39% | 3.759% |
| 294 | 19.861 | 19.830 | 19.876 | VV | 22491      | 603066  | 26.05% | 1.944% |
| 295 | 19.901 | 19.876 | 19.932 | VV | 23783      | 781563  | 33.76% | 2.519% |
| 296 | 19.954 | 19.932 | 19.989 | VV | 24252      | 801730  | 34.63% | 2.584% |
| 297 | 19.995 | 19.989 | 20.011 | VV | 23335      | 298149  | 12.88% | 0.961% |
| 298 | 20.029 | 20.011 | 20.037 | VV | 24210      | 381047  | 16.46% | 1.228% |
| 299 | 20.096 | 20.037 | 20.109 | VV | 25759      | 1072033 | 46.31% | 3.455% |

|     |        |        |        |    |                         |          |        |        |
|-----|--------|--------|--------|----|-------------------------|----------|--------|--------|
|     |        |        |        |    | rteres.txt              |          |        |        |
| 300 | 20.166 | 20.109 | 20.196 | VV | 26932                   | 1348036  | 58.24% | 4.344% |
| 301 | 20.258 | 20.196 | 20.280 | VV | 28940                   | 1386905  | 59.91% | 4.470% |
| 302 | 20.289 | 20.280 | 20.299 | VV | 29202                   | 319268   | 13.79% | 1.029% |
|     |        |        |        |    | Sum of corrected areas: | 31029703 |        |        |

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