

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD071018AR\  
 Data File : FD024929.D  
 Signal(s) : FID2B.CH  
 Acq On : 11 Jul 2018 5:49  
 Sample : J3901-02  
 Misc :  
 ALS Vial : 73 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 062118.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         | 4.235       | 4.202        | 4.253      | BV       | 1369           | 14185        | 0.25%          | 0.025%        |
| 2         | 4.271       | 4.253        | 4.291      | PV       | 2147           | 18610        | 0.33%          | 0.033%        |
| 3         | 4.305       | 4.291        | 4.320      | VV       | 487            | 5069         | 0.09%          | 0.009%        |
| 4         | 4.337       | 4.320        | 4.364      | VV       | 1045           | 14562        | 0.26%          | 0.026%        |
| 5         | 4.387       | 4.364        | 4.411      | VV       | 864            | 15645        | 0.27%          | 0.027%        |
| 6         | 4.438       | 4.411        | 4.476      | VV       | 450            | 11246        | 0.20%          | 0.020%        |
| 7         | 4.490       | 4.476        | 4.502      | VV       | 289            | 3239         | 0.06%          | 0.006%        |
| 8         | 4.520       | 4.502        | 4.545      | PV       | 257            | 4070         | 0.07%          | 0.007%        |
| 9         | 4.584       | 4.545        | 4.594      | VV       | 738            | 15021        | 0.26%          | 0.026%        |
| 10        | 4.610       | 4.594        | 4.627      | VV       | 1205           | 13827        | 0.24%          | 0.024%        |
| 11        | 4.650       | 4.627        | 4.671      | VV       | 1178           | 16169        | 0.28%          | 0.028%        |
| 12        | 4.685       | 4.671        | 4.721      | VV       | 1388           | 24367        | 0.43%          | 0.043%        |
| 13        | 4.733       | 4.721        | 4.747      | VV       | 341            | 4342         | 0.08%          | 0.008%        |
| 14        | 4.760       | 4.747        | 4.784      | VV       | 690            | 7974         | 0.14%          | 0.014%        |
| 15        | 4.791       | 4.784        | 4.809      | VV       | 283            | 3268         | 0.06%          | 0.006%        |
| 16        | 4.813       | 4.809        | 4.848      | VV       | 251            | 4493         | 0.08%          | 0.008%        |
| 17        | 4.871       | 4.848        | 4.899      | VV       | 1808           | 28243        | 0.50%          | 0.050%        |
| 18        | 4.919       | 4.899        | 4.936      | VV       | 7213           | 69190        | 1.21%          | 0.121%        |
| 19        | 4.947       | 4.936        | 4.967      | VV       | 2153           | 20917        | 0.37%          | 0.037%        |
| 20        | 4.997       | 4.967        | 5.020      | VV       | 2304           | 25676        | 0.45%          | 0.045%        |
| 21        | 5.061       | 5.020        | 5.072      | VV       | 801            | 11148        | 0.20%          | 0.020%        |
| 22        | 5.089       | 5.072        | 5.124      | VV       | 4534           | 49226        | 0.86%          | 0.086%        |
| 23        | 5.139       | 5.124        | 5.157      | VV       | 1026           | 13084        | 0.23%          | 0.023%        |
| 24        | 5.183       | 5.157        | 5.248      | VV       | 25619          | 256494       | 4.50%          | 0.450%        |
| 25        | 5.269       | 5.248        | 5.281      | VV       | 2578           | 25168        | 0.44%          | 0.044%        |
| 26        | 5.298       | 5.281        | 5.331      | VV       | 7524           | 80587        | 1.41%          | 0.141%        |
| 27        | 5.339       | 5.331        | 5.360      | VV       | 276            | 4524         | 0.08%          | 0.008%        |
| 28        | 5.371       | 5.360        | 5.401      | VV       | 394            | 5476         | 0.10%          | 0.010%        |
| 29        | 5.413       | 5.401        | 5.431      | VV       | 248            | 3213         | 0.06%          | 0.006%        |
| 30        | 5.454       | 5.431        | 5.469      | VV       | 971            | 12331        | 0.22%          | 0.022%        |
| 31        | 5.483       | 5.469        | 5.511      | VV       | 745            | 9765         | 0.17%          | 0.017%        |
| 32        | 5.546       | 5.511        | 5.556      | VV       | 1599           | 17388        | 0.31%          | 0.030%        |
| 33        | 5.567       | 5.556        | 5.586      | VV       | 1533           | 17944        | 0.31%          | 0.031%        |
| 34        | 5.600       | 5.586        | 5.622      | VV       | 1803           | 19577        | 0.34%          | 0.034%        |
| 35        | 5.638       | 5.622        | 5.671      | VV       | 1035           | 14495        | 0.25%          | 0.025%        |
| 36        | 5.687       | 5.671        | 5.697      | VV       | 441            | 6550         | 0.11%          | 0.011%        |

| rteres.txt |       |       |       |    |        |         |         |        |
|------------|-------|-------|-------|----|--------|---------|---------|--------|
| 37         | 5.724 | 5.697 | 5.757 | VV | 6945   | 99221   | 1.74%   | 0.174% |
| 38         | 5.765 | 5.757 | 5.787 | VV | 764    | 12355   | 0.22%   | 0.022% |
| 39         | 5.809 | 5.787 | 5.834 | VV | 19153  | 181883  | 3.19%   | 0.319% |
| 40         | 5.846 | 5.834 | 5.856 | VV | 888    | 10181   | 0.18%   | 0.018% |
| 41         | 5.869 | 5.856 | 5.892 | VV | 1744   | 22453   | 0.39%   | 0.039% |
| 42         | 5.907 | 5.892 | 5.930 | VV | 590    | 11081   | 0.19%   | 0.019% |
| 43         | 5.949 | 5.930 | 5.958 | VV | 686    | 9719    | 0.17%   | 0.017% |
| 44         | 5.980 | 5.958 | 6.019 | VV | 1761   | 33075   | 0.58%   | 0.058% |
| 45         | 6.033 | 6.019 | 6.046 | VV | 580    | 7940    | 0.14%   | 0.014% |
| 46         | 6.094 | 6.046 | 6.125 | VV | 1343   | 39000   | 0.68%   | 0.068% |
| 47         | 6.145 | 6.125 | 6.156 | VV | 794    | 11141   | 0.20%   | 0.020% |
| 48         | 6.171 | 6.156 | 6.197 | VV | 1107   | 18771   | 0.33%   | 0.033% |
| 49         | 6.207 | 6.197 | 6.230 | VV | 616    | 10755   | 0.19%   | 0.019% |
| 50         | 6.253 | 6.230 | 6.286 | VV | 4535   | 56603   | 0.99%   | 0.099% |
| 51         | 6.295 | 6.286 | 6.319 | VV | 371    | 6104    | 0.11%   | 0.011% |
| 52         | 6.332 | 6.319 | 6.346 | VV | 434    | 4956    | 0.09%   | 0.009% |
| 53         | 6.361 | 6.346 | 6.379 | VV | 546    | 7194    | 0.13%   | 0.013% |
| 54         | 6.400 | 6.379 | 6.429 | VV | 570    | 8398    | 0.15%   | 0.015% |
| 55         | 6.445 | 6.429 | 6.462 | VV | 305    | 4734    | 0.08%   | 0.008% |
| 56         | 6.470 | 6.462 | 6.482 | VV | 144    | 2015    | 0.04%   | 0.004% |
| 57         | 6.500 | 6.482 | 6.514 | VV | 1173   | 12814   | 0.22%   | 0.022% |
| 58         | 6.524 | 6.514 | 6.547 | VV | 1004   | 10284   | 0.18%   | 0.018% |
| 59         | 6.578 | 6.547 | 6.609 | VV | 579    | 11904   | 0.21%   | 0.021% |
| 60         | 6.642 | 6.609 | 6.666 | VV | 1058   | 15983   | 0.28%   | 0.028% |
| 61         | 6.693 | 6.666 | 6.712 | VV | 1424   | 20535   | 0.36%   | 0.036% |
| 62         | 6.721 | 6.712 | 6.745 | VV | 536    | 7114    | 0.12%   | 0.012% |
| 63         | 6.768 | 6.745 | 6.787 | VV | 623    | 9173    | 0.16%   | 0.016% |
| 64         | 6.822 | 6.787 | 6.839 | VV | 870    | 15724   | 0.28%   | 0.028% |
| 65         | 6.862 | 6.839 | 6.899 | VV | 11605  | 122355  | 2.15%   | 0.215% |
| 66         | 6.913 | 6.899 | 6.935 | VV | 346    | 5955    | 0.10%   | 0.010% |
| 67         | 6.952 | 6.935 | 6.970 | VV | 717    | 9700    | 0.17%   | 0.017% |
| 68         | 6.995 | 6.970 | 7.024 | VV | 8270   | 84776   | 1.49%   | 0.149% |
| 69         | 7.043 | 7.024 | 7.082 | VV | 756    | 13070   | 0.23%   | 0.023% |
| 70         | 7.109 | 7.082 | 7.129 | VV | 310    | 5989    | 0.11%   | 0.011% |
| 71         | 7.147 | 7.129 | 7.158 | VV | 944    | 9939    | 0.17%   | 0.017% |
| 72         | 7.174 | 7.158 | 7.194 | VV | 1237   | 15933   | 0.28%   | 0.028% |
| 73         | 7.206 | 7.194 | 7.222 | VV | 873    | 8996    | 0.16%   | 0.016% |
| 74         | 7.242 | 7.222 | 7.282 | VV | 980    | 13964   | 0.24%   | 0.024% |
| 75         | 7.318 | 7.282 | 7.332 | PV | 1147   | 14507   | 0.25%   | 0.025% |
| 76         | 7.347 | 7.332 | 7.369 | VV | 599    | 10199   | 0.18%   | 0.018% |
| 77         | 7.392 | 7.369 | 7.422 | VV | 1244   | 18533   | 0.33%   | 0.033% |
| 78         | 7.478 | 7.422 | 7.546 | VV | 607163 | 5700221 | 100.00% | 9.998% |
| 79         | 7.587 | 7.546 | 7.624 | VV | 3230   | 70134   | 1.23%   | 0.123% |
| 80         | 7.643 | 7.624 | 7.704 | VV | 1343   | 27101   | 0.48%   | 0.048% |
| 81         | 7.741 | 7.704 | 7.777 | VV | 1935   | 36976   | 0.65%   | 0.065% |
| 82         | 7.793 | 7.777 | 7.815 | VV | 1469   | 20318   | 0.36%   | 0.036% |
| 83         | 7.849 | 7.815 | 7.910 | VV | 2836   | 71690   | 1.26%   | 0.126% |
| 84         | 7.954 | 7.910 | 7.969 | VV | 6425   | 83187   | 1.46%   | 0.146% |
| 85         | 7.981 | 7.969 | 8.001 | VV | 4005   | 41750   | 0.73%   | 0.073% |
| 86         | 8.020 | 8.001 | 8.027 | VV | 962    | 12149   | 0.21%   | 0.021% |
| 87         | 8.043 | 8.027 | 8.085 | VV | 1842   | 25961   | 0.46%   | 0.046% |
| 88         | 8.132 | 8.085 | 8.176 | VV | 2728   | 69587   | 1.22%   | 0.122% |
| 89         | 8.194 | 8.176 | 8.206 | VV | 388    | 4779    | 0.08%   | 0.008% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 90  | 8.225  | 8.206  | 8.242  | VV | 1552       | 16693   | 0.29%  | 0.029% |
| 91  | 8.254  | 8.242  | 8.269  | VV | 539        | 6830    | 0.12%  | 0.012% |
| 92  | 8.276  | 8.269  | 8.296  | VV | 454        | 4484    | 0.08%  | 0.008% |
| 93  | 8.334  | 8.296  | 8.406  | VV | 371326     | 3755357 | 65.88% | 6.587% |
| 94  | 8.430  | 8.406  | 8.457  | VV | 25780      | 259132  | 4.55%  | 0.455% |
| 95  | 8.481  | 8.457  | 8.524  | VV | 2384       | 45110   | 0.79%  | 0.079% |
| 96  | 8.544  | 8.524  | 8.566  | VV | 4323       | 54760   | 0.96%  | 0.096% |
| 97  | 8.576  | 8.566  | 8.612  | VV | 921        | 17740   | 0.31%  | 0.031% |
| 98  | 8.626  | 8.612  | 8.646  | VV | 719        | 9593    | 0.17%  | 0.017% |
| 99  | 8.672  | 8.646  | 8.686  | VV | 3406       | 40668   | 0.71%  | 0.071% |
| 100 | 8.702  | 8.686  | 8.727  | VV | 6013       | 72785   | 1.28%  | 0.128% |
| 101 | 8.763  | 8.727  | 8.819  | VV | 6049       | 117947  | 2.07%  | 0.207% |
| 102 | 8.841  | 8.819  | 8.853  | VV | 2110       | 25090   | 0.44%  | 0.044% |
| 103 | 8.880  | 8.853  | 8.928  | VV | 2396       | 50871   | 0.89%  | 0.089% |
| 104 | 8.950  | 8.928  | 8.969  | VV | 415        | 5545    | 0.10%  | 0.010% |
| 105 | 8.996  | 8.969  | 9.012  | VV | 2356       | 29089   | 0.51%  | 0.051% |
| 106 | 9.028  | 9.012  | 9.039  | VV | 2365       | 27403   | 0.48%  | 0.048% |
| 107 | 9.051  | 9.039  | 9.094  | VV | 2343       | 41711   | 0.73%  | 0.073% |
| 108 | 9.130  | 9.094  | 9.149  | VV | 2509       | 39205   | 0.69%  | 0.069% |
| 109 | 9.157  | 9.149  | 9.187  | VV | 955        | 15152   | 0.27%  | 0.027% |
| 110 | 9.211  | 9.187  | 9.264  | VV | 11124      | 139581  | 2.45%  | 0.245% |
| 111 | 9.292  | 9.264  | 9.310  | VV | 4164       | 54405   | 0.95%  | 0.095% |
| 112 | 9.330  | 9.310  | 9.342  | VV | 1624       | 27752   | 0.49%  | 0.049% |
| 113 | 9.362  | 9.342  | 9.384  | VV | 3689       | 53009   | 0.93%  | 0.093% |
| 114 | 9.421  | 9.384  | 9.442  | VV | 3311       | 54138   | 0.95%  | 0.095% |
| 115 | 9.462  | 9.442  | 9.487  | VV | 2461       | 34927   | 0.61%  | 0.061% |
| 116 | 9.534  | 9.487  | 9.561  | VV | 3968       | 63823   | 1.12%  | 0.112% |
| 117 | 9.572  | 9.561  | 9.607  | VV | 1152       | 25082   | 0.44%  | 0.044% |
| 118 | 9.633  | 9.607  | 9.677  | VV | 5846       | 86177   | 1.51%  | 0.151% |
| 119 | 9.693  | 9.677  | 9.710  | VV | 1348       | 15395   | 0.27%  | 0.027% |
| 120 | 9.725  | 9.710  | 9.758  | VV | 760        | 14517   | 0.25%  | 0.025% |
| 121 | 9.800  | 9.758  | 9.838  | VV | 1027       | 23640   | 0.41%  | 0.041% |
| 122 | 9.858  | 9.838  | 9.882  | VV | 560        | 7118    | 0.12%  | 0.012% |
| 123 | 9.899  | 9.882  | 9.927  | PV | 339        | 5804    | 0.10%  | 0.010% |
| 124 | 9.955  | 9.927  | 9.968  | VV | 931        | 11953   | 0.21%  | 0.021% |
| 125 | 9.986  | 9.968  | 9.999  | VV | 2212       | 24709   | 0.43%  | 0.043% |
| 126 | 10.024 | 9.999  | 10.042 | VV | 1945       | 33824   | 0.59%  | 0.059% |
| 127 | 10.089 | 10.042 | 10.114 | VV | 3093       | 67818   | 1.19%  | 0.119% |
| 128 | 10.129 | 10.114 | 10.161 | VV | 2306       | 37188   | 0.65%  | 0.065% |
| 129 | 10.209 | 10.161 | 10.241 | VV | 2564       | 65680   | 1.15%  | 0.115% |
| 130 | 10.256 | 10.241 | 10.313 | VV | 2080       | 61760   | 1.08%  | 0.108% |
| 131 | 10.330 | 10.313 | 10.347 | VV | 1347       | 23950   | 0.42%  | 0.042% |
| 132 | 10.377 | 10.347 | 10.390 | VV | 5095       | 78377   | 1.37%  | 0.137% |
| 133 | 10.409 | 10.390 | 10.427 | VV | 6900       | 97102   | 1.70%  | 0.170% |
| 134 | 10.440 | 10.427 | 10.494 | VV | 3982       | 83369   | 1.46%  | 0.146% |
| 135 | 10.509 | 10.494 | 10.527 | VV | 2230       | 27717   | 0.49%  | 0.049% |
| 136 | 10.548 | 10.527 | 10.557 | VV | 1050       | 15505   | 0.27%  | 0.027% |
| 137 | 10.606 | 10.557 | 10.652 | VV | 171081     | 1820247 | 31.93% | 3.193% |
| 138 | 10.678 | 10.652 | 10.724 | VV | 29712      | 333592  | 5.85%  | 0.585% |
| 139 | 10.740 | 10.724 | 10.770 | VV | 894        | 20399   | 0.36%  | 0.036% |
| 140 | 10.792 | 10.770 | 10.811 | VV | 988        | 19076   | 0.33%  | 0.033% |
| 141 | 10.819 | 10.811 | 10.855 | VV | 772        | 13448   | 0.24%  | 0.024% |

| rteres.txt |        |        |        |    |        |         |        |        |  |
|------------|--------|--------|--------|----|--------|---------|--------|--------|--|
| 142        | 10.896 | 10.855 | 10.937 | VV | 14779  | 175154  | 3.07%  | 0.307% |  |
| 143        | 10.960 | 10.937 | 10.980 | VV | 782    | 15403   | 0.27%  | 0.027% |  |
| 144        | 11.003 | 10.980 | 11.029 | VV | 1251   | 26714   | 0.47%  | 0.047% |  |
| 145        | 11.046 | 11.029 | 11.063 | VV | 1891   | 24663   | 0.43%  | 0.043% |  |
|            |        |        |        |    |        |         |        |        |  |
| 146        | 11.077 | 11.063 | 11.111 | VV | 1577   | 31541   | 0.55%  | 0.055% |  |
| 147        | 11.146 | 11.111 | 11.171 | VV | 3235   | 63716   | 1.12%  | 0.112% |  |
| 148        | 11.209 | 11.171 | 11.227 | VV | 1642   | 31776   | 0.56%  | 0.056% |  |
| 149        | 11.256 | 11.227 | 11.282 | VV | 2283   | 34168   | 0.60%  | 0.060% |  |
| 150        | 11.298 | 11.282 | 11.310 | VV | 619    | 7983    | 0.14%  | 0.014% |  |
|            |        |        |        |    |        |         |        |        |  |
| 151        | 11.322 | 11.310 | 11.351 | VV | 677    | 11907   | 0.21%  | 0.021% |  |
| 152        | 11.383 | 11.351 | 11.421 | VV | 317575 | 3611216 | 63.35% | 6.334% |  |
| 153        | 11.436 | 11.421 | 11.471 | VV | 22600  | 257348  | 4.51%  | 0.451% |  |
| 154        | 11.519 | 11.471 | 11.538 | VV | 23115  | 328830  | 5.77%  | 0.577% |  |
| 155        | 11.554 | 11.538 | 11.568 | VV | 11147  | 123690  | 2.17%  | 0.217% |  |
|            |        |        |        |    |        |         |        |        |  |
| 156        | 11.584 | 11.568 | 11.612 | VV | 14285  | 164735  | 2.89%  | 0.289% |  |
| 157        | 11.630 | 11.612 | 11.647 | VV | 1397   | 17151   | 0.30%  | 0.030% |  |
| 158        | 11.666 | 11.647 | 11.691 | VV | 1825   | 22574   | 0.40%  | 0.040% |  |
| 159        | 11.730 | 11.691 | 11.781 | VV | 2474   | 60934   | 1.07%  | 0.107% |  |
| 160        | 11.797 | 11.781 | 11.824 | VV | 2083   | 32677   | 0.57%  | 0.057% |  |
|            |        |        |        |    |        |         |        |        |  |
| 161        | 11.836 | 11.824 | 11.853 | VV | 746    | 11054   | 0.19%  | 0.019% |  |
| 162        | 11.878 | 11.853 | 11.921 | VV | 12827  | 154200  | 2.71%  | 0.270% |  |
| 163        | 11.937 | 11.921 | 11.960 | VV | 1349   | 19741   | 0.35%  | 0.035% |  |
| 164        | 11.982 | 11.960 | 11.996 | VV | 510    | 9057    | 0.16%  | 0.016% |  |
| 165        | 12.022 | 11.996 | 12.042 | VV | 2378   | 32240   | 0.57%  | 0.057% |  |
|            |        |        |        |    |        |         |        |        |  |
| 166        | 12.054 | 12.042 | 12.067 | VV | 562    | 6296    | 0.11%  | 0.011% |  |
| 167        | 12.125 | 12.067 | 12.139 | VV | 2837   | 50684   | 0.89%  | 0.089% |  |
| 168        | 12.149 | 12.139 | 12.172 | VV | 2316   | 29819   | 0.52%  | 0.052% |  |
| 169        | 12.196 | 12.172 | 12.231 | VV | 5012   | 95272   | 1.67%  | 0.167% |  |
| 170        | 12.249 | 12.231 | 12.262 | VV | 2479   | 30401   | 0.53%  | 0.053% |  |
|            |        |        |        |    |        |         |        |        |  |
| 171        | 12.271 | 12.262 | 12.284 | VV | 2131   | 23333   | 0.41%  | 0.041% |  |
| 172        | 12.304 | 12.284 | 12.324 | VV | 10644  | 135847  | 2.38%  | 0.238% |  |
| 173        | 12.341 | 12.324 | 12.354 | VV | 4944   | 70860   | 1.24%  | 0.124% |  |
| 174        | 12.368 | 12.354 | 12.389 | VV | 5491   | 92090   | 1.62%  | 0.162% |  |
| 175        | 12.420 | 12.389 | 12.487 | VV | 320623 | 3622492 | 63.55% | 6.354% |  |
|            |        |        |        |    |        |         |        |        |  |
| 176        | 12.514 | 12.487 | 12.526 | VV | 1634   | 21256   | 0.37%  | 0.037% |  |
| 177        | 12.549 | 12.526 | 12.562 | VV | 2263   | 41751   | 0.73%  | 0.073% |  |
| 178        | 12.599 | 12.562 | 12.623 | VV | 9098   | 163892  | 2.88%  | 0.287% |  |
| 179        | 12.639 | 12.623 | 12.679 | VV | 3656   | 75662   | 1.33%  | 0.133% |  |
| 180        | 12.715 | 12.679 | 12.742 | VV | 256502 | 2922873 | 51.28% | 5.127% |  |
|            |        |        |        |    |        |         |        |        |  |
| 181        | 12.770 | 12.742 | 12.786 | VV | 30614  | 353812  | 6.21%  | 0.621% |  |
| 182        | 12.824 | 12.786 | 12.859 | VV | 131889 | 1874765 | 32.89% | 3.288% |  |
| 183        | 12.886 | 12.859 | 12.911 | VV | 9658   | 138005  | 2.42%  | 0.242% |  |
| 184        | 12.919 | 12.911 | 12.947 | VV | 1732   | 19477   | 0.34%  | 0.034% |  |
| 185        | 12.980 | 12.947 | 13.031 | PV | 14199  | 218134  | 3.83%  | 0.383% |  |
|            |        |        |        |    |        |         |        |        |  |
| 186        | 13.053 | 13.031 | 13.087 | VV | 7865   | 103193  | 1.81%  | 0.181% |  |
| 187        | 13.109 | 13.087 | 13.129 | VV | 7910   | 91603   | 1.61%  | 0.161% |  |
| 188        | 13.172 | 13.129 | 13.204 | VV | 14443  | 255209  | 4.48%  | 0.448% |  |
| 189        | 13.219 | 13.204 | 13.236 | VV | 1324   | 18861   | 0.33%  | 0.033% |  |
| 190        | 13.300 | 13.236 | 13.341 | VV | 36742  | 583271  | 10.23% | 1.023% |  |
|            |        |        |        |    |        |         |        |        |  |
| 191        | 13.371 | 13.341 | 13.385 | VV | 3611   | 53493   | 0.94%  | 0.094% |  |
| 192        | 13.408 | 13.385 | 13.427 | VV | 17305  | 221477  | 3.89%  | 0.388% |  |
| 193        | 13.445 | 13.427 | 13.467 | VV | 18260  | 217310  | 3.81%  | 0.381% |  |
| 194        | 13.489 | 13.467 | 13.514 | VV | 12820  | 173255  | 3.04%  | 0.304% |  |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 195 | 13.573 | 13.514 | 13.596 | VV | 17414      | 381683  | 6.70%  | 0.669% |
| 196 | 13.614 | 13.596 | 13.662 | VV | 12701      | 188662  | 3.31%  | 0.331% |
| 197 | 13.693 | 13.662 | 13.709 | VV | 2570       | 48116   | 0.84%  | 0.084% |
| 198 | 13.727 | 13.709 | 13.770 | VV | 2479       | 61383   | 1.08%  | 0.108% |
| 199 | 13.792 | 13.770 | 13.814 | VV | 2284       | 45547   | 0.80%  | 0.080% |
| 200 | 13.824 | 13.814 | 13.846 | VV | 1674       | 21779   | 0.38%  | 0.038% |
| 201 | 13.852 | 13.846 | 13.864 | VV | 622        | 5688    | 0.10%  | 0.010% |
| 202 | 13.884 | 13.864 | 13.902 | VV | 2050       | 24540   | 0.43%  | 0.043% |
| 203 | 13.916 | 13.902 | 13.926 | VV | 637        | 7477    | 0.13%  | 0.013% |
| 204 | 13.941 | 13.926 | 13.954 | VV | 901        | 11020   | 0.19%  | 0.019% |
| 205 | 14.030 | 13.954 | 14.067 | VV | 24303      | 519483  | 9.11%  | 0.911% |
| 206 | 14.135 | 14.067 | 14.156 | VV | 5377       | 142905  | 2.51%  | 0.251% |
| 207 | 14.164 | 14.156 | 14.181 | VV | 2307       | 29231   | 0.51%  | 0.051% |
| 208 | 14.209 | 14.181 | 14.247 | VV | 20732      | 300727  | 5.28%  | 0.527% |
| 209 | 14.271 | 14.247 | 14.316 | VV | 41364      | 510574  | 8.96%  | 0.896% |
| 210 | 14.337 | 14.316 | 14.371 | VV | 5635       | 100476  | 1.76%  | 0.176% |
| 211 | 14.401 | 14.371 | 14.427 | VV | 3631       | 86369   | 1.52%  | 0.151% |
| 212 | 14.454 | 14.427 | 14.506 | VV | 6336       | 143155  | 2.51%  | 0.251% |
| 213 | 14.532 | 14.506 | 14.547 | VV | 1062       | 17740   | 0.31%  | 0.031% |
| 214 | 14.585 | 14.547 | 14.605 | VV | 155542     | 1883841 | 33.05% | 3.304% |
| 215 | 14.627 | 14.605 | 14.657 | VV | 164454     | 1894427 | 33.23% | 3.323% |
| 216 | 14.676 | 14.657 | 14.700 | VV | 5346       | 80042   | 1.40%  | 0.140% |
| 217 | 14.745 | 14.700 | 14.767 | VV | 27526      | 379502  | 6.66%  | 0.666% |
| 218 | 14.781 | 14.767 | 14.802 | VV | 4934       | 72204   | 1.27%  | 0.127% |
| 219 | 14.823 | 14.802 | 14.856 | VV | 11911      | 156480  | 2.75%  | 0.274% |
| 220 | 14.884 | 14.856 | 14.901 | PV | 12841      | 173656  | 3.05%  | 0.305% |
| 221 | 14.917 | 14.901 | 14.979 | VV | 10368      | 226395  | 3.97%  | 0.397% |
| 222 | 14.992 | 14.979 | 15.007 | VV | 1539       | 20060   | 0.35%  | 0.035% |
| 223 | 15.028 | 15.007 | 15.054 | VV | 3645       | 70139   | 1.23%  | 0.123% |
| 224 | 15.065 | 15.054 | 15.114 | VV | 2946       | 63637   | 1.12%  | 0.112% |
| 225 | 15.170 | 15.114 | 15.181 | VV | 3970       | 83545   | 1.47%  | 0.147% |
| 226 | 15.210 | 15.181 | 15.232 | VV | 10189      | 199153  | 3.49%  | 0.349% |
| 227 | 15.255 | 15.232 | 15.275 | VV | 26609      | 360135  | 6.32%  | 0.632% |
| 228 | 15.292 | 15.275 | 15.316 | VV | 14099      | 202845  | 3.56%  | 0.356% |
| 229 | 15.332 | 15.316 | 15.349 | VV | 7043       | 100014  | 1.75%  | 0.175% |
| 230 | 15.394 | 15.349 | 15.404 | VV | 15422      | 241119  | 4.23%  | 0.423% |
| 231 | 15.416 | 15.404 | 15.454 | VV | 15397      | 261897  | 4.59%  | 0.459% |
| 232 | 15.492 | 15.454 | 15.522 | VV | 6481       | 158710  | 2.78%  | 0.278% |
| 233 | 15.535 | 15.522 | 15.552 | VV | 1889       | 28358   | 0.50%  | 0.050% |
| 234 | 15.577 | 15.552 | 15.604 | VV | 6196       | 85554   | 1.50%  | 0.150% |
| 235 | 15.653 | 15.604 | 15.682 | VV | 3816       | 78228   | 1.37%  | 0.137% |
| 236 | 15.696 | 15.682 | 15.727 | VV | 2830       | 44549   | 0.78%  | 0.078% |
| 237 | 15.753 | 15.727 | 15.768 | VV | 1509       | 21204   | 0.37%  | 0.037% |
| 238 | 15.781 | 15.768 | 15.797 | VV | 1459       | 14891   | 0.26%  | 0.026% |
| 239 | 15.817 | 15.797 | 15.827 | PV | 573        | 8336    | 0.15%  | 0.015% |
| 240 | 15.860 | 15.827 | 15.879 | VV | 8662       | 135632  | 2.38%  | 0.238% |
| 241 | 15.891 | 15.879 | 15.907 | VV | 3097       | 33440   | 0.59%  | 0.059% |
| 242 | 15.925 | 15.907 | 15.937 | VV | 1534       | 21160   | 0.37%  | 0.037% |
| 243 | 15.964 | 15.937 | 15.987 | VV | 3714       | 72508   | 1.27%  | 0.127% |
| 244 | 16.034 | 15.987 | 16.042 | VV | 2708       | 72550   | 1.27%  | 0.127% |
| 245 | 16.061 | 16.042 | 16.091 | VV | 4634       | 80747   | 1.42%  | 0.142% |
| 246 | 16.139 | 16.091 | 16.156 | VV | 176070     | 2466187 | 43.26% | 4.326% |

| rteres.txt              |        |        |        |    |        |          |        |        |
|-------------------------|--------|--------|--------|----|--------|----------|--------|--------|
| 247                     | 16.164 | 16.156 | 16.204 | VV | 76301  | 844837   | 14.82% | 1.482% |
| 248                     | 16.216 | 16.204 | 16.232 | VV | 2311   | 29291    | 0.51%  | 0.051% |
| 249                     | 16.263 | 16.232 | 16.286 | VV | 28393  | 352595   | 6.19%  | 0.618% |
| 250                     | 16.303 | 16.286 | 16.330 | VV | 6843   | 101182   | 1.78%  | 0.177% |
| 251                     | 16.339 | 16.330 | 16.357 | VV | 1601   | 17046    | 0.30%  | 0.030% |
| 252                     | 16.383 | 16.357 | 16.402 | PV | 5034   | 77640    | 1.36%  | 0.136% |
| 253                     | 16.455 | 16.402 | 16.482 | VV | 100062 | 1425966  | 25.02% | 2.501% |
| 254                     | 16.512 | 16.482 | 16.569 | VV | 137609 | 1697604  | 29.78% | 2.978% |
| 255                     | 16.610 | 16.569 | 16.639 | VV | 38642  | 501725   | 8.80%  | 0.880% |
| 256                     | 16.660 | 16.639 | 16.672 | VV | 5580   | 94949    | 1.67%  | 0.167% |
| 257                     | 16.688 | 16.672 | 16.707 | VV | 8567   | 123787   | 2.17%  | 0.217% |
| 258                     | 16.754 | 16.707 | 16.798 | VV | 8633   | 277118   | 4.86%  | 0.486% |
| 259                     | 16.817 | 16.798 | 16.835 | VV | 3974   | 54494    | 0.96%  | 0.096% |
| 260                     | 16.882 | 16.835 | 16.947 | VV | 15368  | 423462   | 7.43%  | 0.743% |
| 261                     | 16.975 | 16.947 | 16.985 | VV | 3400   | 43389    | 0.76%  | 0.076% |
| 262                     | 17.009 | 16.985 | 17.022 | VV | 9254   | 139583   | 2.45%  | 0.245% |
| 263                     | 17.035 | 17.022 | 17.065 | VV | 8866   | 134133   | 2.35%  | 0.235% |
| 264                     | 17.094 | 17.065 | 17.141 | VV | 10294  | 212299   | 3.72%  | 0.372% |
| 265                     | 17.163 | 17.141 | 17.190 | VV | 10194  | 170027   | 2.98%  | 0.298% |
| 266                     | 17.207 | 17.190 | 17.247 | VV | 4558   | 80735    | 1.42%  | 0.142% |
| 267                     | 17.279 | 17.247 | 17.331 | VV | 4022   | 97521    | 1.71%  | 0.171% |
| 268                     | 17.352 | 17.331 | 17.369 | VV | 1511   | 19903    | 0.35%  | 0.035% |
| 269                     | 17.382 | 17.369 | 17.404 | VV | 811    | 8635     | 0.15%  | 0.015% |
| 270                     | 17.429 | 17.404 | 17.440 | PV | 2877   | 41751    | 0.73%  | 0.073% |
| 271                     | 17.475 | 17.440 | 17.499 | VV | 5832   | 140705   | 2.47%  | 0.247% |
| 272                     | 17.529 | 17.499 | 17.544 | VV | 4335   | 95657    | 1.68%  | 0.168% |
| 273                     | 17.561 | 17.544 | 17.572 | VV | 5159   | 69807    | 1.22%  | 0.122% |
| 274                     | 17.603 | 17.572 | 17.642 | VV | 6225   | 181746   | 3.19%  | 0.319% |
| 275                     | 17.665 | 17.642 | 17.696 | VV | 7076   | 127193   | 2.23%  | 0.223% |
| 276                     | 17.734 | 17.696 | 17.756 | VV | 1188   | 28874    | 0.51%  | 0.051% |
| 277                     | 17.783 | 17.756 | 17.839 | VV | 22016  | 429961   | 7.54%  | 0.754% |
| 278                     | 17.874 | 17.839 | 17.900 | VV | 87819  | 1252580  | 21.97% | 2.197% |
| 279                     | 17.919 | 17.900 | 17.940 | VV | 17243  | 316277   | 5.55%  | 0.555% |
| 280                     | 17.954 | 17.940 | 17.980 | VV | 13697  | 216491   | 3.80%  | 0.380% |
| 281                     | 18.007 | 17.980 | 18.022 | VV | 19462  | 291576   | 5.12%  | 0.511% |
| 282                     | 18.037 | 18.022 | 18.093 | VV | 22149  | 337930   | 5.93%  | 0.593% |
| 283                     | 18.127 | 18.093 | 18.159 | PV | 84941  | 1036601  | 18.19% | 1.818% |
| 284                     | 18.167 | 18.159 | 18.176 | VV | 583    | 4766     | 0.08%  | 0.008% |
| Sum of corrected areas: |        |        |        |    |        | 57012609 |        |        |

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