

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD110218AL\  
 Data File : FD026267.D  
 Signal(s) : FID2B.CH  
 Acq On : 03 Nov 2018 5:19  
 Sample : J5759-05  
 Misc :  
 ALS Vial : 77 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 101818.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         | 3.415       | 3.360        | 3.435      | VV       | 672            | 15660        | 0.64%          | 0.042%        |
| 2         | 3.521       | 3.503        | 3.587      | VV       | 1448           | 26989        | 1.11%          | 0.072%        |
| 3         | 3.606       | 3.587        | 3.616      | VV       | 1485           | 14451        | 0.59%          | 0.038%        |
| 4         | 3.625       | 3.616        | 3.665      | VV       | 1315           | 17680        | 0.73%          | 0.047%        |
| 5         | 3.689       | 3.665        | 3.705      | VV       | 2251           | 23720        | 0.97%          | 0.063%        |
| 6         | 3.720       | 3.705        | 3.751      | VV       | 1213           | 25408        | 1.04%          | 0.067%        |
| 7         | 3.778       | 3.751        | 3.803      | VV       | 15445          | 143433       | 5.89%          | 0.381%        |
| 8         | 3.810       | 3.803        | 3.858      | VV       | 1198           | 28928        | 1.19%          | 0.077%        |
| 9         | 3.878       | 3.858        | 3.901      | VV       | 973            | 19108        | 0.78%          | 0.051%        |
| 10        | 3.941       | 3.901        | 3.965      | VV       | 4330           | 52790        | 2.17%          | 0.140%        |
| 11        | 3.981       | 3.965        | 3.995      | VV       | 790            | 12596        | 0.52%          | 0.033%        |
| 12        | 4.002       | 3.995        | 4.070      | VV       | 722            | 28449        | 1.17%          | 0.076%        |
| 13        | 4.103       | 4.070        | 4.117      | VV       | 965            | 20792        | 0.85%          | 0.055%        |
| 14        | 4.131       | 4.117        | 4.161      | VV       | 1133           | 21958        | 0.90%          | 0.058%        |
| 15        | 4.184       | 4.161        | 4.200      | VV       | 1374           | 22345        | 0.92%          | 0.059%        |
| 16        | 4.217       | 4.200        | 4.234      | VV       | 1719           | 22342        | 0.92%          | 0.059%        |
| 17        | 4.250       | 4.234        | 4.271      | VV       | 1041           | 17019        | 0.70%          | 0.045%        |
| 18        | 4.286       | 4.271        | 4.305      | VV       | 964            | 15163        | 0.62%          | 0.040%        |
| 19        | 4.322       | 4.305        | 4.366      | VV       | 1683           | 32380        | 1.33%          | 0.086%        |
| 20        | 4.389       | 4.366        | 4.424      | VV       | 505            | 14543        | 0.60%          | 0.039%        |
| 21        | 4.529       | 4.505        | 4.543      | VV       | 1528           | 15517        | 0.64%          | 0.041%        |
| 22        | 4.557       | 4.543        | 4.575      | VV       | 1016           | 11716        | 0.48%          | 0.031%        |
| 23        | 4.592       | 4.575        | 4.614      | VV       | 1230           | 14324        | 0.59%          | 0.038%        |
| 24        | 4.632       | 4.614        | 4.675      | VV       | 1249           | 16529        | 0.68%          | 0.044%        |
| 25        | 4.816       | 4.798        | 4.848      | VV       | 1272           | 17636        | 0.72%          | 0.047%        |
| 26        | 4.865       | 4.848        | 4.875      | VV       | 1248           | 11838        | 0.49%          | 0.031%        |
| 27        | 4.891       | 4.875        | 4.959      | VV       | 2923           | 34160        | 1.40%          | 0.091%        |
| 28        | 5.080       | 5.058        | 5.147      | VV       | 763            | 29900        | 1.23%          | 0.079%        |
| 29        | 5.212       | 5.175        | 5.229      | VV       | 2403           | 38531        | 1.58%          | 0.102%        |
| 30        | 5.241       | 5.229        | 5.276      | VV       | 1869           | 32112        | 1.32%          | 0.085%        |
| 31        | 5.327       | 5.276        | 5.369      | VV       | 1449           | 56792        | 2.33%          | 0.151%        |
| 32        | 5.402       | 5.369        | 5.470      | VV       | 2870           | 89812        | 3.69%          | 0.238%        |
| 33        | 5.487       | 5.470        | 5.527      | VV       | 1751           | 32694        | 1.34%          | 0.087%        |
| 34        | 5.539       | 5.527        | 5.563      | VV       | 855            | 11061        | 0.45%          | 0.029%        |
| 35        | 5.627       | 5.595        | 5.644      | VV       | 450            | 10350        | 0.43%          | 0.027%        |
| 36        | 5.669       | 5.644        | 5.688      | VV       | 722            | 11689        | 0.48%          | 0.031%        |

| rteres.txt |        |        |        |    |       |        |       |        |
|------------|--------|--------|--------|----|-------|--------|-------|--------|
| 37         | 5.720  | 5.688  | 5.732  | VV | 850   | 13382  | 0.55% | 0.036% |
| 38         | 5.749  | 5.732  | 5.770  | VV | 2755  | 30323  | 1.25% | 0.080% |
| 39         | 5.787  | 5.770  | 5.828  | VV | 856   | 19212  | 0.79% | 0.051% |
| 40         | 5.844  | 5.828  | 5.871  | VV | 711   | 14095  | 0.58% | 0.037% |
|            |        |        |        |    |       |        |       |        |
| 41         | 5.889  | 5.871  | 5.907  | VV | 1049  | 17747  | 0.73% | 0.047% |
| 42         | 5.927  | 5.907  | 5.955  | VV | 1315  | 21930  | 0.90% | 0.058% |
| 43         | 6.011  | 5.987  | 6.065  | VV | 559   | 14058  | 0.58% | 0.037% |
| 44         | 6.112  | 6.082  | 6.170  | VV | 469   | 11012  | 0.45% | 0.029% |
| 45         | 6.314  | 6.287  | 6.368  | VV | 828   | 18325  | 0.75% | 0.049% |
|            |        |        |        |    |       |        |       |        |
| 46         | 6.581  | 6.541  | 6.595  | VV | 607   | 11959  | 0.49% | 0.032% |
| 47         | 6.747  | 6.595  | 6.781  | VV | 2969  | 133283 | 5.47% | 0.354% |
| 48         | 6.799  | 6.781  | 6.878  | VV | 2160  | 53238  | 2.19% | 0.141% |
| 49         | 6.899  | 6.878  | 6.916  | VV | 1042  | 16778  | 0.69% | 0.045% |
| 50         | 6.932  | 6.916  | 7.062  | VV | 1303  | 29498  | 1.21% | 0.078% |
|            |        |        |        |    |       |        |       |        |
| 51         | 7.114  | 7.062  | 7.168  | VV | 683   | 15639  | 0.64% | 0.042% |
| 52         | 7.529  | 7.475  | 7.615  | VV | 1464  | 53282  | 2.19% | 0.141% |
| 53         | 7.676  | 7.615  | 7.695  | VV | 495   | 11208  | 0.46% | 0.030% |
| 54         | 7.708  | 7.695  | 7.750  | VV | 568   | 10376  | 0.43% | 0.028% |
| 55         | 7.773  | 7.750  | 7.822  | VV | 543   | 14667  | 0.60% | 0.039% |
|            |        |        |        |    |       |        |       |        |
| 56         | 7.889  | 7.856  | 7.905  | VV | 1342  | 19387  | 0.80% | 0.051% |
| 57         | 7.917  | 7.905  | 7.930  | VV | 1033  | 11815  | 0.49% | 0.031% |
| 58         | 7.946  | 7.930  | 7.963  | VV | 989   | 15005  | 0.62% | 0.040% |
| 59         | 7.981  | 7.963  | 7.998  | VV | 1098  | 16324  | 0.67% | 0.043% |
| 60         | 8.033  | 7.998  | 8.055  | VV | 22735 | 228442 | 9.38% | 0.606% |
|            |        |        |        |    |       |        |       |        |
| 61         | 8.069  | 8.055  | 8.091  | VV | 3585  | 41525  | 1.71% | 0.110% |
| 62         | 8.130  | 8.091  | 8.195  | VV | 3089  | 75910  | 3.12% | 0.202% |
| 63         | 8.226  | 8.195  | 8.238  | VV | 687   | 13272  | 0.55% | 0.035% |
| 64         | 8.414  | 8.392  | 8.435  | VV | 647   | 10363  | 0.43% | 0.028% |
| 65         | 8.483  | 8.462  | 8.505  | VV | 630   | 12106  | 0.50% | 0.032% |
|            |        |        |        |    |       |        |       |        |
| 66         | 8.605  | 8.547  | 8.620  | VV | 907   | 15324  | 0.63% | 0.041% |
| 67         | 8.635  | 8.620  | 8.661  | VV | 1420  | 15177  | 0.62% | 0.040% |
| 68         | 8.706  | 8.661  | 8.748  | VV | 784   | 17304  | 0.71% | 0.046% |
| 69         | 8.807  | 8.785  | 8.865  | VV | 1011  | 19142  | 0.79% | 0.051% |
| 70         | 8.929  | 8.900  | 8.945  | VV | 909   | 11422  | 0.47% | 0.030% |
|            |        |        |        |    |       |        |       |        |
| 71         | 8.994  | 8.945  | 9.028  | VV | 1615  | 36074  | 1.48% | 0.096% |
| 72         | 9.063  | 9.028  | 9.085  | VV | 907   | 13585  | 0.56% | 0.036% |
| 73         | 9.142  | 9.119  | 9.197  | VV | 3650  | 48745  | 2.00% | 0.129% |
| 74         | 9.223  | 9.197  | 9.245  | VV | 1217  | 14795  | 0.61% | 0.039% |
| 75         | 9.292  | 9.273  | 9.315  | VV | 1632  | 23643  | 0.97% | 0.063% |
|            |        |        |        |    |       |        |       |        |
| 76         | 9.350  | 9.315  | 9.374  | VV | 1704  | 30246  | 1.24% | 0.080% |
| 77         | 9.402  | 9.374  | 9.430  | VV | 657   | 15212  | 0.62% | 0.040% |
| 78         | 9.463  | 9.430  | 9.540  | VV | 2481  | 54055  | 2.22% | 0.143% |
| 79         | 9.567  | 9.540  | 9.605  | VV | 2327  | 42431  | 1.74% | 0.113% |
| 80         | 9.662  | 9.640  | 9.701  | VV | 580   | 11203  | 0.46% | 0.030% |
|            |        |        |        |    |       |        |       |        |
| 81         | 9.961  | 9.908  | 9.974  | VV | 601   | 15279  | 0.63% | 0.041% |
| 82         | 10.018 | 9.974  | 10.041 | VV | 1921  | 38836  | 1.59% | 0.103% |
| 83         | 10.058 | 10.041 | 10.088 | VV | 1318  | 18774  | 0.77% | 0.050% |
| 84         | 10.138 | 10.088 | 10.169 | VV | 1770  | 38065  | 1.56% | 0.101% |
| 85         | 10.185 | 10.169 | 10.221 | VV | 1904  | 30694  | 1.26% | 0.081% |
|            |        |        |        |    |       |        |       |        |
| 86         | 10.267 | 10.246 | 10.281 | VV | 938   | 13445  | 0.55% | 0.036% |
| 87         | 10.309 | 10.281 | 10.324 | VV | 3706  | 52831  | 2.17% | 0.140% |
| 88         | 10.338 | 10.324 | 10.357 | VV | 3213  | 42244  | 1.73% | 0.112% |
| 89         | 10.368 | 10.357 | 10.422 | VV | 1352  | 33709  | 1.38% | 0.089% |

| rteres.txt |        |        |        |    |        |         |         |        |
|------------|--------|--------|--------|----|--------|---------|---------|--------|
| 90         | 10.439 | 10.422 | 10.455 | VV | 1345   | 15830   | 0.65%   | 0.042% |
| 91         | 10.531 | 10.484 | 10.581 | VV | 49061  | 519324  | 21.33%  | 1.379% |
| 92         | 10.606 | 10.581 | 10.655 | VV | 13997  | 162753  | 6.68%   | 0.432% |
| 93         | 10.711 | 10.688 | 10.737 | VV | 820    | 16687   | 0.69%   | 0.044% |
| 94         | 10.775 | 10.737 | 10.795 | VV | 600    | 13215   | 0.54%   | 0.035% |
| 95         | 10.825 | 10.795 | 10.867 | VV | 2368   | 37298   | 1.53%   | 0.099% |
| 96         | 10.940 | 10.909 | 10.959 | VV | 969    | 18213   | 0.75%   | 0.048% |
| 97         | 10.974 | 10.959 | 10.991 | VV | 662    | 10418   | 0.43%   | 0.028% |
| 98         | 11.013 | 10.991 | 11.032 | VV | 1391   | 21731   | 0.89%   | 0.058% |
| 99         | 11.050 | 11.032 | 11.061 | VV | 1275   | 18110   | 0.74%   | 0.048% |
| 100        | 11.076 | 11.061 | 11.115 | VV | 1855   | 29620   | 1.22%   | 0.079% |
| 101        | 11.138 | 11.115 | 11.157 | VV | 1594   | 20067   | 0.82%   | 0.053% |
| 102        | 11.184 | 11.157 | 11.211 | VV | 1313   | 22268   | 0.91%   | 0.059% |
| 103        | 11.312 | 11.242 | 11.347 | VV | 216077 | 2435223 | 100.00% | 6.464% |
| 104        | 11.362 | 11.347 | 11.401 | VV | 9137   | 105645  | 4.34%   | 0.280% |
| 105        | 11.443 | 11.401 | 11.463 | VV | 12006  | 184307  | 7.57%   | 0.489% |
| 106        | 11.479 | 11.463 | 11.493 | VV | 5686   | 63394   | 2.60%   | 0.168% |
| 107        | 11.509 | 11.493 | 11.541 | VV | 7760   | 92415   | 3.79%   | 0.245% |
| 108        | 11.594 | 11.571 | 11.618 | VV | 750    | 10580   | 0.43%   | 0.028% |
| 109        | 11.684 | 11.618 | 11.707 | VV | 3219   | 54689   | 2.25%   | 0.145% |
| 110        | 11.724 | 11.707 | 11.748 | VV | 1040   | 16476   | 0.68%   | 0.044% |
| 111        | 11.804 | 11.781 | 11.844 | VV | 6217   | 81727   | 3.36%   | 0.217% |
| 112        | 11.860 | 11.844 | 11.885 | VV | 893    | 14983   | 0.62%   | 0.040% |
| 113        | 11.928 | 11.885 | 11.970 | VV | 3729   | 91374   | 3.75%   | 0.243% |
| 114        | 11.979 | 11.970 | 12.018 | VV | 1093   | 26123   | 1.07%   | 0.069% |
| 115        | 12.051 | 12.018 | 12.097 | VV | 1627   | 44606   | 1.83%   | 0.118% |
| 116        | 12.119 | 12.097 | 12.154 | VV | 2605   | 45082   | 1.85%   | 0.120% |
| 117        | 12.173 | 12.154 | 12.185 | VV | 2543   | 27423   | 1.13%   | 0.073% |
| 118        | 12.195 | 12.185 | 12.207 | VV | 1901   | 19824   | 0.81%   | 0.053% |
| 119        | 12.227 | 12.207 | 12.246 | VV | 6441   | 81084   | 3.33%   | 0.215% |
| 120        | 12.262 | 12.246 | 12.277 | VV | 3127   | 47034   | 1.93%   | 0.125% |
| 121        | 12.289 | 12.277 | 12.301 | VV | 2809   | 33923   | 1.39%   | 0.090% |
| 122        | 12.338 | 12.301 | 12.388 | VV | 118438 | 1355116 | 55.65%  | 3.597% |
| 123        | 12.473 | 12.419 | 12.490 | PV | 2498   | 47908   | 1.97%   | 0.127% |
| 124        | 12.521 | 12.490 | 12.541 | VV | 4536   | 82199   | 3.38%   | 0.218% |
| 125        | 12.565 | 12.541 | 12.602 | VV | 3285   | 67634   | 2.78%   | 0.180% |
| 126        | 12.633 | 12.602 | 12.663 | VV | 106646 | 1161327 | 47.69%  | 3.083% |
| 127        | 12.692 | 12.663 | 12.708 | VV | 12682  | 147890  | 6.07%   | 0.393% |
| 128        | 12.755 | 12.708 | 12.788 | VV | 145536 | 1839055 | 75.52%  | 4.882% |
| 129        | 12.812 | 12.788 | 12.868 | VV | 4920   | 111941  | 4.60%   | 0.297% |
| 130        | 12.903 | 12.868 | 12.953 | PV | 6232   | 113790  | 4.67%   | 0.302% |
| 131        | 12.976 | 12.953 | 13.000 | VV | 2885   | 43925   | 1.80%   | 0.117% |
| 132        | 13.033 | 13.000 | 13.052 | VV | 4390   | 59028   | 2.42%   | 0.157% |
| 133        | 13.093 | 13.052 | 13.129 | VV | 7714   | 142791  | 5.86%   | 0.379% |
| 134        | 13.161 | 13.129 | 13.175 | VV | 2216   | 39630   | 1.63%   | 0.105% |
| 135        | 13.222 | 13.175 | 13.278 | VV | 21776  | 367919  | 15.11%  | 0.977% |
| 136        | 13.295 | 13.278 | 13.307 | VV | 2207   | 26246   | 1.08%   | 0.070% |
| 137        | 13.329 | 13.307 | 13.350 | VV | 14246  | 190574  | 7.83%   | 0.506% |
| 138        | 13.367 | 13.350 | 13.388 | VV | 9985   | 123773  | 5.08%   | 0.329% |
| 139        | 13.409 | 13.388 | 13.437 | VV | 4476   | 74987   | 3.08%   | 0.199% |
| 140        | 13.495 | 13.437 | 13.518 | VV | 9656   | 224296  | 9.21%   | 0.595% |
| 141        | 13.536 | 13.518 | 13.580 | VV | 7669   | 120056  | 4.93%   | 0.319% |

|     |        |        |        |    |            |         |        |        |  |
|-----|--------|--------|--------|----|------------|---------|--------|--------|--|
|     |        |        |        |    | rteres.txt |         |        |        |  |
| 142 | 13.610 | 13.580 | 13.632 | VV | 1958       | 38403   | 1.58%  | 0.102% |  |
| 143 | 13.649 | 13.632 | 13.673 | VV | 1367       | 21620   | 0.89%  | 0.057% |  |
| 144 | 13.723 | 13.691 | 13.787 | VV | 1882       | 52312   | 2.15%  | 0.139% |  |
| 145 | 13.917 | 13.875 | 13.933 | VV | 4913       | 96581   | 3.97%  | 0.256% |  |
| 146 | 13.951 | 13.933 | 13.991 | VV | 6877       | 110940  | 4.56%  | 0.294% |  |
| 147 | 14.061 | 13.991 | 14.092 | VV | 4094       | 133331  | 5.48%  | 0.354% |  |
| 148 | 14.127 | 14.092 | 14.148 | VV | 9427       | 148953  | 6.12%  | 0.395% |  |
| 149 | 14.159 | 14.148 | 14.167 | VV | 2672       | 27454   | 1.13%  | 0.073% |  |
| 150 | 14.192 | 14.167 | 14.214 | VV | 20076      | 246164  | 10.11% | 0.653% |  |
| 151 | 14.251 | 14.214 | 14.291 | VV | 8252       | 176371  | 7.24%  | 0.468% |  |
| 152 | 14.320 | 14.291 | 14.328 | VV | 2224       | 34429   | 1.41%  | 0.091% |  |
| 153 | 14.375 | 14.328 | 14.428 | VV | 4449       | 125992  | 5.17%  | 0.334% |  |
| 154 | 14.453 | 14.428 | 14.471 | VV | 3947       | 49743   | 2.04%  | 0.132% |  |
| 155 | 14.503 | 14.471 | 14.523 | VV | 68840      | 821632  | 33.74% | 2.181% |  |
| 156 | 14.543 | 14.523 | 14.573 | VV | 67695      | 783820  | 32.19% | 2.081% |  |
| 157 | 14.603 | 14.573 | 14.625 | VV | 2887       | 55953   | 2.30%  | 0.149% |  |
| 158 | 14.662 | 14.625 | 14.689 | VV | 15172      | 235663  | 9.68%  | 0.626% |  |
| 159 | 14.704 | 14.689 | 14.722 | VV | 2911       | 46336   | 1.90%  | 0.123% |  |
| 160 | 14.743 | 14.722 | 14.778 | VV | 5891       | 88318   | 3.63%  | 0.234% |  |
| 161 | 14.805 | 14.778 | 14.822 | PV | 6040       | 84958   | 3.49%  | 0.226% |  |
| 162 | 14.837 | 14.822 | 14.905 | VV | 5095       | 122548  | 5.03%  | 0.325% |  |
| 163 | 14.944 | 14.905 | 14.966 | VV | 2917       | 60226   | 2.47%  | 0.160% |  |
| 164 | 15.023 | 14.966 | 15.102 | VV | 5237       | 284028  | 11.66% | 0.754% |  |
| 165 | 15.130 | 15.102 | 15.150 | VV | 5763       | 104279  | 4.28%  | 0.277% |  |
| 166 | 15.173 | 15.150 | 15.194 | VV | 15259      | 202721  | 8.32%  | 0.538% |  |
| 167 | 15.210 | 15.194 | 15.232 | VV | 6845       | 93166   | 3.83%  | 0.247% |  |
| 168 | 15.251 | 15.232 | 15.271 | VV | 4447       | 65928   | 2.71%  | 0.175% |  |
| 169 | 15.332 | 15.271 | 15.371 | VV | 8719       | 268893  | 11.04% | 0.714% |  |
| 170 | 15.415 | 15.371 | 15.438 | VV | 2993       | 75475   | 3.10%  | 0.200% |  |
| 171 | 15.450 | 15.438 | 15.471 | VV | 1107       | 15636   | 0.64%  | 0.042% |  |
| 172 | 15.497 | 15.471 | 15.512 | VV | 3244       | 43767   | 1.80%  | 0.116% |  |
| 173 | 15.525 | 15.512 | 15.546 | VV | 3129       | 38277   | 1.57%  | 0.102% |  |
| 174 | 15.569 | 15.546 | 15.580 | VV | 2591       | 30569   | 1.26%  | 0.081% |  |
| 175 | 15.592 | 15.580 | 15.605 | VV | 2282       | 29518   | 1.21%  | 0.078% |  |
| 176 | 15.622 | 15.605 | 15.648 | VV | 2767       | 38699   | 1.59%  | 0.103% |  |
| 177 | 15.675 | 15.648 | 15.714 | VV | 873        | 21817   | 0.90%  | 0.058% |  |
| 178 | 15.776 | 15.744 | 15.796 | PV | 3553       | 56137   | 2.31%  | 0.149% |  |
| 179 | 15.808 | 15.796 | 15.819 | VV | 1765       | 17679   | 0.73%  | 0.047% |  |
| 180 | 15.837 | 15.819 | 15.856 | VV | 3244       | 43225   | 1.77%  | 0.115% |  |
| 181 | 15.883 | 15.856 | 15.903 | VV | 2563       | 48283   | 1.98%  | 0.128% |  |
| 182 | 15.977 | 15.903 | 16.004 | VV | 4950       | 142034  | 5.83%  | 0.377% |  |
| 183 | 16.051 | 16.004 | 16.069 | PV | 74622      | 1028841 | 42.25% | 2.731% |  |
| 184 | 16.078 | 16.069 | 16.126 | VV | 31735      | 394830  | 16.21% | 1.048% |  |
| 185 | 16.137 | 16.126 | 16.149 | VV | 1205       | 13406   | 0.55%  | 0.036% |  |
| 186 | 16.179 | 16.149 | 16.203 | VV | 15915      | 203500  | 8.36%  | 0.540% |  |
| 187 | 16.222 | 16.203 | 16.247 | VV | 4055       | 60016   | 2.46%  | 0.159% |  |
| 188 | 16.262 | 16.247 | 16.278 | VV | 1565       | 19490   | 0.80%  | 0.052% |  |
| 189 | 16.301 | 16.278 | 16.320 | VV | 2875       | 44650   | 1.83%  | 0.119% |  |
| 190 | 16.367 | 16.320 | 16.396 | VV | 46274      | 652164  | 26.78% | 1.731% |  |
| 191 | 16.425 | 16.396 | 16.478 | VV | 63517      | 782439  | 32.13% | 2.077% |  |
| 192 | 16.525 | 16.478 | 16.549 | VV | 15320      | 207479  | 8.52%  | 0.551% |  |
| 193 | 16.573 | 16.549 | 16.627 | VV | 6538       | 128105  | 5.26%  | 0.340% |  |
| 194 | 16.671 | 16.627 | 16.711 | VV | 4177       | 126298  | 5.19%  | 0.335% |  |

|     |        |        |        |    |            |        |        |        |
|-----|--------|--------|--------|----|------------|--------|--------|--------|
|     |        |        |        |    | rteres.txt |        |        |        |
| 195 | 16.732 | 16.711 | 16.750 | VV | 1935       | 26137  | 1.07%  | 0.069% |
| 196 | 16.797 | 16.750 | 16.821 | VV | 8411       | 191581 | 7.87%  | 0.509% |
| 197 | 16.835 | 16.821 | 16.859 | VV | 3634       | 50442  | 2.07%  | 0.134% |
| 198 | 16.925 | 16.859 | 16.934 | VV | 5239       | 105241 | 4.32%  | 0.279% |
| 199 | 16.949 | 16.934 | 16.982 | VV | 6302       | 108669 | 4.46%  | 0.288% |
| 200 | 17.016 | 16.982 | 17.053 | VV | 7930       | 180013 | 7.39%  | 0.478% |
| 201 | 17.078 | 17.053 | 17.109 | VV | 6608       | 133116 | 5.47%  | 0.353% |
| 202 | 17.122 | 17.109 | 17.145 | VV | 3320       | 47373  | 1.95%  | 0.126% |
| 203 | 17.187 | 17.145 | 17.225 | VV | 2543       | 66867  | 2.75%  | 0.178% |
| 204 | 17.271 | 17.225 | 17.284 | VV | 1105       | 14422  | 0.59%  | 0.038% |
| 205 | 17.396 | 17.315 | 17.405 | VV | 2787       | 86355  | 3.55%  | 0.229% |
| 206 | 17.455 | 17.405 | 17.505 | VV | 4958       | 190117 | 7.81%  | 0.505% |
| 207 | 17.518 | 17.505 | 17.528 | VV | 3876       | 45728  | 1.88%  | 0.121% |
| 208 | 17.564 | 17.528 | 17.618 | VV | 7059       | 240963 | 9.89%  | 0.640% |
| 209 | 17.633 | 17.618 | 17.671 | VV | 3010       | 59620  | 2.45%  | 0.158% |
| 210 | 17.696 | 17.671 | 17.754 | VV | 10072      | 206741 | 8.49%  | 0.549% |
| 211 | 17.785 | 17.754 | 17.812 | VV | 36882      | 525808 | 21.59% | 1.396% |
| 212 | 17.832 | 17.812 | 17.855 | VV | 8161       | 171363 | 7.04%  | 0.455% |
| 213 | 17.874 | 17.855 | 17.895 | VV | 10183      | 164978 | 6.77%  | 0.438% |
| 214 | 17.922 | 17.895 | 17.938 | VV | 13109      | 221375 | 9.09%  | 0.588% |
| 215 | 17.952 | 17.938 | 18.004 | VV | 11830      | 218287 | 8.96%  | 0.579% |
| 216 | 18.036 | 18.004 | 18.087 | VV | 36898      | 462869 | 19.01% | 1.229% |
| 217 | 18.122 | 18.087 | 18.140 | VV | 4535       | 82109  | 3.37%  | 0.218% |
| 218 | 18.165 | 18.140 | 18.202 | VV | 14730      | 212657 | 8.73%  | 0.565% |
| 219 | 18.277 | 18.202 | 18.317 | PV | 6115       | 155087 | 6.37%  | 0.412% |
| 220 | 18.351 | 18.317 | 18.370 | VV | 4666       | 91611  | 3.76%  | 0.243% |
| 221 | 18.400 | 18.370 | 18.425 | VV | 3911       | 101331 | 4.16%  | 0.269% |
| 222 | 18.449 | 18.425 | 18.461 | VV | 2523       | 43917  | 1.80%  | 0.117% |
| 223 | 18.474 | 18.461 | 18.495 | VV | 3513       | 47011  | 1.93%  | 0.125% |
| 224 | 18.515 | 18.495 | 18.525 | VV | 1881       | 22066  | 0.91%  | 0.059% |
| 225 | 18.547 | 18.525 | 18.571 | VV | 2980       | 42753  | 1.76%  | 0.113% |
| 226 | 18.613 | 18.588 | 18.625 | PV | 2672       | 35351  | 1.45%  | 0.094% |
| 227 | 18.642 | 18.625 | 18.659 | VV | 3011       | 47540  | 1.95%  | 0.126% |
| 228 | 18.681 | 18.659 | 18.698 | VV | 5631       | 88059  | 3.62%  | 0.234% |
| 229 | 18.715 | 18.698 | 18.736 | VV | 4338       | 79340  | 3.26%  | 0.211% |
| 230 | 18.744 | 18.736 | 18.780 | VV | 2717       | 49579  | 2.04%  | 0.132% |
| 231 | 18.862 | 18.804 | 18.908 | VV | 1916       | 51903  | 2.13%  | 0.138% |
| 232 | 19.019 | 18.908 | 19.027 | PV | 516        | 17853  | 0.73%  | 0.047% |
| 233 | 19.060 | 19.027 | 19.078 | PV | 3995       | 64464  | 2.65%  | 0.171% |
| 234 | 19.089 | 19.078 | 19.104 | VV | 1725       | 21369  | 0.88%  | 0.057% |
| 235 | 19.126 | 19.104 | 19.153 | VV | 2639       | 42615  | 1.75%  | 0.113% |
| 236 | 19.192 | 19.153 | 19.218 | PV | 14377      | 227879 | 9.36%  | 0.605% |
| 237 | 19.257 | 19.218 | 19.285 | VV | 13468      | 231792 | 9.52%  | 0.615% |
| 238 | 19.369 | 19.285 | 19.412 | VV | 5562       | 288771 | 11.86% | 0.767% |
| 239 | 19.439 | 19.412 | 19.451 | VV | 3240       | 51288  | 2.11%  | 0.136% |
| 240 | 19.469 | 19.451 | 19.491 | VV | 3951       | 56355  | 2.31%  | 0.150% |
| 241 | 19.564 | 19.491 | 19.596 | VV | 16813      | 365578 | 15.01% | 0.970% |
| 242 | 19.633 | 19.596 | 19.648 | VV | 8375       | 171673 | 7.05%  | 0.456% |
| 243 | 19.659 | 19.648 | 19.676 | VV | 5695       | 90243  | 3.71%  | 0.240% |
| 244 | 19.701 | 19.676 | 19.731 | VV | 5497       | 133705 | 5.49%  | 0.355% |
| 245 | 19.741 | 19.731 | 19.758 | VV | 2035       | 23783  | 0.98%  | 0.063% |
| 246 | 19.941 | 19.758 | 19.968 | VV | 7723       | 548897 | 22.54% | 1.457% |

|     |        |        |        |    |                         |         |          |        |  |
|-----|--------|--------|--------|----|-------------------------|---------|----------|--------|--|
|     |        |        |        |    | rteres.txt              |         |          |        |  |
| 247 | 19.983 | 19.968 | 19.992 | VV | 6369                    | 87592   | 3.60%    | 0.233% |  |
| 248 | 19.998 | 19.992 | 20.015 | VV | 5951                    | 78086   | 3.21%    | 0.207% |  |
| 249 | 20.056 | 20.015 | 20.068 | VV | 5639                    | 168079  | 6.90%    | 0.446% |  |
| 250 | 20.076 | 20.068 | 20.087 | VV | 5220                    | 57517   | 2.36%    | 0.153% |  |
| 251 | 20.153 | 20.087 | 20.161 | VV | 7895                    | 281284  | 11.55%   | 0.747% |  |
| 252 | 20.196 | 20.161 | 20.207 | VV | 9169                    | 224538  | 9.22%    | 0.596% |  |
| 253 | 20.252 | 20.207 | 20.296 | VV | 10503                   | 504501  | 20.72%   | 1.339% |  |
| 254 | 20.416 | 20.296 | 20.429 | VV | 12809                   | 898686  | 36.90%   | 2.386% |  |
| 255 | 20.528 | 20.429 | 20.561 | VV | 14871                   | 1064224 | 43.70%   | 2.825% |  |
| 256 | 20.571 | 20.561 | 20.584 | VV | 13121                   | 182532  | 7.50%    | 0.485% |  |
| 257 | 20.621 | 20.584 | 20.635 | VV | 14586                   | 413226  | 16.97%   | 1.097% |  |
| 258 | 20.716 | 20.635 | 20.725 | VV | 17518                   | 851299  | 34.96%   | 2.260% |  |
| 259 | 20.785 | 20.725 | 20.821 | VV | 17759                   | 976653  | 40.11%   | 2.593% |  |
| 260 | 20.861 | 20.821 | 20.938 | VV | 17221                   | 1001619 | 41.13%   | 2.659% |  |
| 261 | 21.004 | 20.938 | 21.028 | VV | 12358                   | 617214  | 25.35%   | 1.638% |  |
| 262 | 21.047 | 21.028 | 21.083 | VV | 11705                   | 348368  | 14.31%   | 0.925% |  |
| 263 | 21.093 | 21.083 | 21.098 | VV | 9104                    | 79190   | 3.25%    | 0.210% |  |
| 264 | 21.119 | 21.098 | 21.166 | VV | 10371                   | 310535  | 12.75%   | 0.824% |  |
| 265 | 21.190 | 21.166 | 21.216 | VV | 5189                    | 110884  | 4.55%    | 0.294% |  |
| 266 | 21.238 | 21.216 | 21.255 | VV | 1824                    | 35241   | 1.45%    | 0.094% |  |
| 267 | 21.313 | 21.255 | 21.365 | VV | 3967                    | 164406  | 6.75%    | 0.436% |  |
| 268 | 21.381 | 21.365 | 21.409 | VV | 1643                    | 29309   | 1.20%    | 0.078% |  |
|     |        |        |        |    | Sum of corrected areas: |         | 37671069 |        |  |

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