

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD103018AL\  
 Data File : FD026192.D  
 Signal(s) : FID2B.CH  
 Acq On : 30 Oct 2018 20:21  
 Sample : J5194-07DL 10X  
 Misc :  
 ALS Vial : 65 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         | 3.784       | 3.763        | 3.868      | VV       | 767            | 13547        | 0.27%          | 0.059%        |
| 2         | 3.958       | 3.931        | 4.012      | VV       | 569            | 11178        | 0.22%          | 0.049%        |
| 3         | 5.220       | 5.197        | 5.268      | PV       | 1188           | 22673        | 0.44%          | 0.099%        |
| 4         | 5.385       | 5.348        | 5.450      | VV       | 641            | 17701        | 0.35%          | 0.077%        |
| 5         | 5.504       | 5.450        | 5.525      | VV       | 876            | 21107        | 0.41%          | 0.092%        |
| 6         | 5.579       | 5.555        | 5.606      | VV       | 889            | 14451        | 0.28%          | 0.063%        |
| 7         | 5.715       | 5.683        | 5.738      | VV       | 732            | 13727        | 0.27%          | 0.060%        |
| 8         | 5.750       | 5.738        | 5.798      | VV       | 604            | 16053        | 0.31%          | 0.070%        |
| 9         | 5.893       | 5.868        | 5.906      | VV       | 700            | 11507        | 0.23%          | 0.050%        |
| 10        | 5.924       | 5.906        | 5.954      | VV       | 693            | 15866        | 0.31%          | 0.069%        |
| 11        | 6.022       | 5.981        | 6.055      | VV       | 610            | 17987        | 0.35%          | 0.078%        |
| 12        | 6.118       | 6.097        | 6.174      | VV       | 1096           | 22236        | 0.44%          | 0.097%        |
| 13        | 6.196       | 6.174        | 6.243      | VV       | 1727           | 25146        | 0.49%          | 0.109%        |
| 14        | 6.344       | 6.324        | 6.363      | VV       | 1256           | 16660        | 0.33%          | 0.072%        |
| 15        | 6.382       | 6.363        | 6.402      | VV       | 636            | 10221        | 0.20%          | 0.044%        |
| 16        | 6.463       | 6.451        | 6.486      | VV       | 884            | 10850        | 0.21%          | 0.047%        |
| 17        | 6.526       | 6.486        | 6.556      | VV       | 561            | 16470        | 0.32%          | 0.072%        |
| 18        | 6.581       | 6.556        | 6.625      | VV       | 2614           | 33674        | 0.66%          | 0.146%        |
| 19        | 6.658       | 6.625        | 6.678      | VV       | 694            | 11576        | 0.23%          | 0.050%        |
| 20        | 6.705       | 6.678        | 6.724      | VV       | 1064           | 17987        | 0.35%          | 0.078%        |
| 21        | 6.744       | 6.724        | 6.778      | VV       | 2612           | 33483        | 0.66%          | 0.146%        |
| 22        | 6.804       | 6.778        | 6.837      | VV       | 2045           | 32139        | 0.63%          | 0.140%        |
| 23        | 6.894       | 6.868        | 6.920      | VV       | 1851           | 28230        | 0.55%          | 0.123%        |
| 24        | 6.949       | 6.920        | 6.968      | VV       | 894            | 15259        | 0.30%          | 0.066%        |
| 25        | 7.082       | 7.057        | 7.097      | VV       | 2318           | 29712        | 0.58%          | 0.129%        |
| 26        | 7.114       | 7.097        | 7.133      | VV       | 3187           | 37505        | 0.73%          | 0.163%        |
| 27        | 7.161       | 7.151        | 7.228      | VV       | 793            | 23684        | 0.46%          | 0.103%        |
| 28        | 7.284       | 7.228        | 7.313      | VV       | 1822           | 42436        | 0.83%          | 0.185%        |
| 29        | 7.331       | 7.313        | 7.352      | VV       | 920            | 12410        | 0.24%          | 0.054%        |
| 30        | 7.412       | 7.385        | 7.458      | VV       | 33463          | 340294       | 6.67%          | 1.480%        |
| 31        | 7.473       | 7.458        | 7.495      | VV       | 1401           | 22835        | 0.45%          | 0.099%        |
| 32        | 7.533       | 7.495        | 7.555      | VV       | 2155           | 49712        | 0.97%          | 0.216%        |
| 33        | 7.569       | 7.555        | 7.615      | VV       | 1314           | 30828        | 0.60%          | 0.134%        |
| 34        | 7.631       | 7.615        | 7.650      | VV       | 1024           | 15904        | 0.31%          | 0.069%        |
| 35        | 7.678       | 7.650        | 7.690      | VV       | 1320           | 20949        | 0.41%          | 0.091%        |
| 36        | 7.702       | 7.690        | 7.715      | VV       | 1643           | 18867        | 0.37%          | 0.082%        |

| rteres.txt |        |        |        |    |       |        |       |        |
|------------|--------|--------|--------|----|-------|--------|-------|--------|
| 37         | 7.728  | 7.715  | 7.751  | VV | 1536  | 20898  | 0.41% | 0.091% |
| 38         | 7.803  | 7.751  | 7.829  | VV | 2490  | 44628  | 0.87% | 0.194% |
| 39         | 7.845  | 7.829  | 7.863  | VV | 681   | 10986  | 0.22% | 0.048% |
| 40         | 7.887  | 7.863  | 7.899  | VV | 1684  | 23836  | 0.47% | 0.104% |
|            |        |        |        |    |       |        |       |        |
| 41         | 7.915  | 7.899  | 7.933  | VV | 2939  | 38615  | 0.76% | 0.168% |
| 42         | 7.948  | 7.933  | 7.961  | VV | 1630  | 22551  | 0.44% | 0.098% |
| 43         | 7.981  | 7.961  | 8.018  | VV | 4958  | 67591  | 1.32% | 0.294% |
| 44         | 8.035  | 8.018  | 8.056  | VV | 2117  | 29311  | 0.57% | 0.127% |
| 45         | 8.073  | 8.056  | 8.094  | VV | 1213  | 19777  | 0.39% | 0.086% |
|            |        |        |        |    |       |        |       |        |
| 46         | 8.128  | 8.094  | 8.142  | VV | 1497  | 25252  | 0.49% | 0.110% |
| 47         | 8.154  | 8.142  | 8.168  | VV | 1031  | 12236  | 0.24% | 0.053% |
| 48         | 8.188  | 8.168  | 8.237  | VV | 1596  | 32583  | 0.64% | 0.142% |
| 49         | 8.263  | 8.237  | 8.314  | VV | 22048 | 235069 | 4.61% | 1.022% |
| 50         | 8.333  | 8.314  | 8.372  | VV | 1068  | 29752  | 0.58% | 0.129% |
|            |        |        |        |    |       |        |       |        |
| 51         | 8.401  | 8.372  | 8.410  | VV | 1208  | 22021  | 0.43% | 0.096% |
| 52         | 8.424  | 8.410  | 8.454  | VV | 1262  | 26801  | 0.53% | 0.117% |
| 53         | 8.474  | 8.454  | 8.496  | VV | 1283  | 25070  | 0.49% | 0.109% |
| 54         | 8.515  | 8.496  | 8.538  | VV | 3190  | 40417  | 0.79% | 0.176% |
| 55         | 8.566  | 8.538  | 8.595  | VV | 1109  | 24384  | 0.48% | 0.106% |
|            |        |        |        |    |       |        |       |        |
| 56         | 8.604  | 8.595  | 8.621  | VV | 901   | 11938  | 0.23% | 0.052% |
| 57         | 8.635  | 8.621  | 8.648  | VV | 673   | 10577  | 0.21% | 0.046% |
| 58         | 8.686  | 8.671  | 8.715  | VV | 777   | 18209  | 0.36% | 0.079% |
| 59         | 8.733  | 8.715  | 8.754  | VV | 886   | 18125  | 0.36% | 0.079% |
| 60         | 8.800  | 8.754  | 8.861  | VV | 6083  | 104966 | 2.06% | 0.456% |
|            |        |        |        |    |       |        |       |        |
| 61         | 8.881  | 8.861  | 8.902  | VV | 921   | 15159  | 0.30% | 0.066% |
| 62         | 8.926  | 8.902  | 8.946  | VV | 1141  | 18995  | 0.37% | 0.083% |
| 63         | 8.992  | 8.946  | 9.028  | VV | 2572  | 61408  | 1.20% | 0.267% |
| 64         | 9.067  | 9.048  | 9.083  | VV | 1010  | 15941  | 0.31% | 0.069% |
| 65         | 9.169  | 9.128  | 9.200  | VV | 1569  | 37897  | 0.74% | 0.165% |
|            |        |        |        |    |       |        |       |        |
| 66         | 9.220  | 9.200  | 9.237  | VV | 1367  | 20410  | 0.40% | 0.089% |
| 67         | 9.255  | 9.237  | 9.278  | VV | 1402  | 21911  | 0.43% | 0.095% |
| 68         | 9.301  | 9.278  | 9.317  | VV | 1183  | 18099  | 0.35% | 0.079% |
| 69         | 9.351  | 9.317  | 9.375  | VV | 1312  | 30695  | 0.60% | 0.133% |
| 70         | 9.426  | 9.401  | 9.458  | VV | 512   | 13378  | 0.26% | 0.058% |
|            |        |        |        |    |       |        |       |        |
| 71         | 9.508  | 9.458  | 9.545  | VV | 1137  | 38169  | 0.75% | 0.166% |
| 72         | 9.574  | 9.545  | 9.612  | VV | 6609  | 84847  | 1.66% | 0.369% |
| 73         | 9.651  | 9.612  | 9.710  | VV | 604   | 23209  | 0.45% | 0.101% |
| 74         | 9.728  | 9.710  | 9.772  | VV | 630   | 13300  | 0.26% | 0.058% |
| 75         | 9.883  | 9.825  | 9.900  | VV | 422   | 13304  | 0.26% | 0.058% |
|            |        |        |        |    |       |        |       |        |
| 76         | 9.919  | 9.900  | 9.935  | VV | 827   | 11277  | 0.22% | 0.049% |
| 77         | 9.960  | 9.935  | 9.985  | VV | 2544  | 46229  | 0.91% | 0.201% |
| 78         | 10.010 | 9.985  | 10.031 | VV | 1345  | 23524  | 0.46% | 0.102% |
| 79         | 10.053 | 10.031 | 10.078 | VV | 1304  | 22321  | 0.44% | 0.097% |
| 80         | 10.102 | 10.078 | 10.121 | VV | 1208  | 17203  | 0.34% | 0.075% |
|            |        |        |        |    |       |        |       |        |
| 81         | 10.137 | 10.121 | 10.173 | VV | 553   | 13006  | 0.25% | 0.057% |
| 82         | 10.194 | 10.173 | 10.215 | VV | 780   | 12651  | 0.25% | 0.055% |
| 83         | 10.308 | 10.248 | 10.345 | VV | 7307  | 108743 | 2.13% | 0.473% |
| 84         | 10.381 | 10.345 | 10.464 | VV | 3026  | 70873  | 1.39% | 0.308% |
| 85         | 10.531 | 10.510 | 10.552 | VV | 1581  | 19236  | 0.38% | 0.084% |
|            |        |        |        |    |       |        |       |        |
| 86         | 10.629 | 10.590 | 10.668 | VV | 930   | 25834  | 0.51% | 0.112% |
| 87         | 10.694 | 10.668 | 10.738 | VV | 1447  | 29489  | 0.58% | 0.128% |
| 88         | 10.762 | 10.738 | 10.797 | VV | 879   | 15186  | 0.30% | 0.066% |
| 89         | 11.009 | 10.979 | 11.037 | VV | 6094  | 76779  | 1.50% | 0.334% |

|     |        |        |        |    |            |         |         |         |
|-----|--------|--------|--------|----|------------|---------|---------|---------|
|     |        |        |        |    | rteres.txt |         |         |         |
| 90  | 11.100 | 11.071 | 11.147 | VV | 2241       | 37049   | 0.73%   | 0.161%  |
| 91  | 11.180 | 11.147 | 11.235 | VV | 351        | 12865   | 0.25%   | 0.056%  |
| 92  | 11.307 | 11.235 | 11.346 | VV | 17749      | 207853  | 4.07%   | 0.904%  |
| 93  | 11.362 | 11.346 | 11.381 | VV | 1094       | 13002   | 0.25%   | 0.057%  |
| 94  | 11.402 | 11.381 | 11.413 | VV | 780        | 10612   | 0.21%   | 0.046%  |
| 95  | 11.438 | 11.413 | 11.465 | VV | 1098       | 21094   | 0.41%   | 0.092%  |
| 96  | 11.481 | 11.465 | 11.538 | VV | 927        | 24756   | 0.49%   | 0.108%  |
| 97  | 11.564 | 11.538 | 11.608 | VV | 993        | 17594   | 0.34%   | 0.077%  |
| 98  | 11.675 | 11.608 | 11.698 | VV | 5401       | 80890   | 1.59%   | 0.352%  |
| 99  | 11.727 | 11.698 | 11.788 | VV | 84647      | 966643  | 18.94%  | 4.203%  |
| 100 | 11.949 | 11.903 | 11.991 | VV | 679        | 19956   | 0.39%   | 0.087%  |
| 101 | 12.011 | 11.991 | 12.038 | VV | 612        | 11056   | 0.22%   | 0.048%  |
| 102 | 12.084 | 12.068 | 12.108 | VV | 765        | 11171   | 0.22%   | 0.049%  |
| 103 | 12.137 | 12.108 | 12.155 | VV | 627        | 12275   | 0.24%   | 0.053%  |
| 104 | 12.192 | 12.155 | 12.208 | VV | 683        | 13843   | 0.27%   | 0.060%  |
| 105 | 12.226 | 12.208 | 12.248 | VV | 1042       | 15605   | 0.31%   | 0.068%  |
| 106 | 12.313 | 12.278 | 12.353 | VV | 4902       | 93517   | 1.83%   | 0.407%  |
| 107 | 12.364 | 12.353 | 12.412 | VV | 1242       | 18869   | 0.37%   | 0.082%  |
| 108 | 12.445 | 12.412 | 12.495 | VV | 437        | 11808   | 0.23%   | 0.051%  |
| 109 | 12.585 | 12.541 | 12.600 | PV | 604        | 12836   | 0.25%   | 0.056%  |
| 110 | 12.630 | 12.600 | 12.653 | VV | 2871       | 38420   | 0.75%   | 0.167%  |
| 111 | 12.667 | 12.653 | 12.694 | VV | 555        | 10020   | 0.20%   | 0.044%  |
| 112 | 12.741 | 12.694 | 12.775 | VV | 385008     | 5103256 | 100.00% | 22.191% |
| 113 | 12.796 | 12.775 | 12.820 | VV | 186797     | 2200710 | 43.12%  | 9.570%  |
| 114 | 12.829 | 12.820 | 12.872 | VV | 15288      | 173963  | 3.41%   | 0.756%  |
| 115 | 12.921 | 12.872 | 12.948 | VV | 3993       | 59255   | 1.16%   | 0.258%  |
| 116 | 12.974 | 12.948 | 13.019 | VV | 40114      | 459622  | 9.01%   | 1.999%  |
| 117 | 13.063 | 13.047 | 13.095 | VV | 717        | 12226   | 0.24%   | 0.053%  |
| 118 | 13.152 | 13.128 | 13.181 | VV | 635        | 16578   | 0.32%   | 0.072%  |
| 119 | 13.221 | 13.195 | 13.245 | VV | 812        | 16041   | 0.31%   | 0.070%  |
| 120 | 13.267 | 13.245 | 13.291 | VV | 1967       | 28513   | 0.56%   | 0.124%  |
| 121 | 13.326 | 13.291 | 13.348 | VV | 2357       | 35050   | 0.69%   | 0.152%  |
| 122 | 13.364 | 13.348 | 13.386 | VV | 1771       | 24862   | 0.49%   | 0.108%  |
| 123 | 13.415 | 13.386 | 13.441 | VV | 791        | 16885   | 0.33%   | 0.073%  |
| 124 | 13.504 | 13.468 | 13.525 | VV | 3795       | 57426   | 1.13%   | 0.250%  |
| 125 | 13.535 | 13.525 | 13.574 | VV | 1230       | 22968   | 0.45%   | 0.100%  |
| 126 | 13.606 | 13.574 | 13.658 | VV | 1150       | 25681   | 0.50%   | 0.112%  |
| 127 | 13.761 | 13.658 | 13.793 | PV | 2224       | 67658   | 1.33%   | 0.294%  |
| 128 | 13.803 | 13.793 | 13.825 | VV | 1674       | 21058   | 0.41%   | 0.092%  |
| 129 | 13.841 | 13.825 | 13.853 | VV | 806        | 10594   | 0.21%   | 0.046%  |
| 130 | 13.885 | 13.853 | 13.898 | VV | 1579       | 31270   | 0.61%   | 0.136%  |
| 131 | 13.912 | 13.898 | 13.922 | VV | 1538       | 19889   | 0.39%   | 0.086%  |
| 132 | 13.972 | 13.922 | 14.023 | VV | 5545       | 151263  | 2.96%   | 0.658%  |
| 133 | 14.057 | 14.023 | 14.096 | VV | 6170       | 127221  | 2.49%   | 0.553%  |
| 134 | 14.121 | 14.096 | 14.148 | VV | 5301       | 86193   | 1.69%   | 0.375%  |
| 135 | 14.181 | 14.148 | 14.208 | VV | 1769       | 41873   | 0.82%   | 0.182%  |
| 136 | 14.229 | 14.208 | 14.248 | VV | 1478       | 22285   | 0.44%   | 0.097%  |
| 137 | 14.272 | 14.248 | 14.371 | VV | 2619       | 67783   | 1.33%   | 0.295%  |
| 138 | 14.442 | 14.400 | 14.471 | VV | 2142       | 34614   | 0.68%   | 0.151%  |
| 139 | 14.498 | 14.471 | 14.518 | VV | 1576       | 25147   | 0.49%   | 0.109%  |
| 140 | 14.537 | 14.518 | 14.555 | VV | 1597       | 21995   | 0.43%   | 0.096%  |
| 141 | 14.600 | 14.555 | 14.626 | VV | 3848       | 79268   | 1.55%   | 0.345%  |

|     |        |        |        |    | rteres.txt |        |       |        |
|-----|--------|--------|--------|----|------------|--------|-------|--------|
| 142 | 14.659 | 14.626 | 14.688 | VV | 862        | 20722  | 0.41% | 0.090% |
| 143 | 14.804 | 14.777 | 14.828 | PV | 667        | 12473  | 0.24% | 0.054% |
| 144 | 14.947 | 14.922 | 14.975 | VV | 708        | 18070  | 0.35% | 0.079% |
| 145 | 15.024 | 14.999 | 15.065 | VV | 640        | 16767  | 0.33% | 0.073% |
| 146 | 15.121 | 15.065 | 15.145 | VV | 2496       | 41807  | 0.82% | 0.182% |
| 147 | 15.177 | 15.145 | 15.260 | VV | 3901       | 74561  | 1.46% | 0.324% |
| 148 | 15.336 | 15.260 | 15.400 | PV | 685        | 30322  | 0.59% | 0.132% |
| 149 | 15.501 | 15.450 | 15.552 | VV | 743        | 25629  | 0.50% | 0.111% |
| 150 | 15.618 | 15.552 | 15.648 | VV | 3760       | 66941  | 1.31% | 0.291% |
| 151 | 15.677 | 15.648 | 15.730 | VV | 747        | 16353  | 0.32% | 0.071% |
| 152 | 15.785 | 15.730 | 15.807 | PV | 1512       | 41057  | 0.80% | 0.179% |
| 153 | 15.818 | 15.807 | 15.851 | VV | 1196       | 24129  | 0.47% | 0.105% |
| 154 | 15.866 | 15.851 | 15.898 | VV | 908        | 20574  | 0.40% | 0.089% |
| 155 | 15.971 | 15.898 | 16.017 | VV | 1226       | 50506  | 0.99% | 0.220% |
| 156 | 16.044 | 16.017 | 16.077 | VV | 2039       | 42372  | 0.83% | 0.184% |
| 157 | 16.100 | 16.077 | 16.131 | VV | 3696       | 57860  | 1.13% | 0.252% |
| 158 | 16.161 | 16.131 | 16.203 | VV | 1915       | 49741  | 0.97% | 0.216% |
| 159 | 16.230 | 16.203 | 16.250 | VV | 1039       | 24852  | 0.49% | 0.108% |
| 160 | 16.281 | 16.250 | 16.314 | VV | 1093       | 31458  | 0.62% | 0.137% |
| 161 | 16.359 | 16.314 | 16.378 | VV | 1766       | 44667  | 0.88% | 0.194% |
| 162 | 16.403 | 16.378 | 16.420 | VV | 3971       | 64720  | 1.27% | 0.281% |
| 163 | 16.439 | 16.420 | 16.465 | VV | 5603       | 87844  | 1.72% | 0.382% |
| 164 | 16.476 | 16.465 | 16.508 | VV | 1499       | 28923  | 0.57% | 0.126% |
| 165 | 16.525 | 16.508 | 16.538 | VV | 1351       | 19541  | 0.38% | 0.085% |
| 166 | 16.565 | 16.538 | 16.590 | VV | 5777       | 92070  | 1.80% | 0.400% |
| 167 | 16.606 | 16.590 | 16.628 | VV | 2178       | 38300  | 0.75% | 0.167% |
| 168 | 16.643 | 16.628 | 16.668 | VV | 1399       | 27379  | 0.54% | 0.119% |
| 169 | 16.680 | 16.668 | 16.693 | VV | 1156       | 14543  | 0.28% | 0.063% |
| 170 | 16.730 | 16.693 | 16.745 | VV | 1565       | 37492  | 0.73% | 0.163% |
| 171 | 16.779 | 16.745 | 16.817 | VV | 1920       | 62665  | 1.23% | 0.272% |
| 172 | 16.855 | 16.817 | 16.887 | VV | 1880       | 59977  | 1.18% | 0.261% |
| 173 | 16.942 | 16.887 | 16.973 | VV | 2639       | 82519  | 1.62% | 0.359% |
| 174 | 17.014 | 16.973 | 17.043 | VV | 5693       | 108968 | 2.14% | 0.474% |
| 175 | 17.090 | 17.043 | 17.105 | VV | 1845       | 58926  | 1.15% | 0.256% |
| 176 | 17.122 | 17.105 | 17.131 | VV | 1757       | 25674  | 0.50% | 0.112% |
| 177 | 17.159 | 17.131 | 17.198 | VV | 2040       | 64796  | 1.27% | 0.282% |
| 178 | 17.219 | 17.198 | 17.238 | VV | 1288       | 28380  | 0.56% | 0.123% |
| 179 | 17.254 | 17.238 | 17.268 | VV | 1424       | 23287  | 0.46% | 0.101% |
| 180 | 17.294 | 17.268 | 17.310 | VV | 1651       | 36908  | 0.72% | 0.160% |
| 181 | 17.334 | 17.310 | 17.344 | VV | 1795       | 33203  | 0.65% | 0.144% |
| 182 | 17.352 | 17.344 | 17.365 | VV | 1867       | 20487  | 0.40% | 0.089% |
| 183 | 17.395 | 17.365 | 17.405 | VV | 2283       | 45183  | 0.89% | 0.196% |
| 184 | 17.448 | 17.405 | 17.494 | VV | 6577       | 154166 | 3.02% | 0.670% |
| 185 | 17.506 | 17.494 | 17.515 | VV | 1570       | 17912  | 0.35% | 0.078% |
| 186 | 17.559 | 17.515 | 17.644 | VV | 5096       | 202219 | 3.96% | 0.879% |
| 187 | 17.664 | 17.644 | 17.678 | VV | 1777       | 31520  | 0.62% | 0.137% |
| 188 | 17.729 | 17.678 | 17.740 | VV | 2429       | 72355  | 1.42% | 0.315% |
| 189 | 17.767 | 17.740 | 17.810 | VV | 2736       | 100257 | 1.96% | 0.436% |
| 190 | 17.824 | 17.810 | 17.843 | VV | 2311       | 39633  | 0.78% | 0.172% |
| 191 | 17.868 | 17.843 | 17.895 | VV | 6639       | 116584 | 2.28% | 0.507% |
| 192 | 17.923 | 17.895 | 17.981 | VV | 4890       | 150281 | 2.94% | 0.653% |
| 193 | 18.030 | 17.981 | 18.065 | VV | 2505       | 111265 | 2.18% | 0.484% |
| 194 | 18.081 | 18.065 | 18.098 | VV | 2203       | 37847  | 0.74% | 0.165% |

|     |        |        |        |    |            |        |       |        |
|-----|--------|--------|--------|----|------------|--------|-------|--------|
|     |        |        |        |    | rteres.txt |        |       |        |
| 195 | 18.148 | 18.098 | 18.178 | VV | 2238       | 95699  | 1.88% | 0.416% |
| 196 | 18.188 | 18.178 | 18.201 | VV | 2000       | 24252  | 0.48% | 0.105% |
| 197 | 18.235 | 18.201 | 18.245 | VV | 2396       | 51833  | 1.02% | 0.225% |
| 198 | 18.276 | 18.245 | 18.321 | VV | 6721       | 163727 | 3.21% | 0.712% |
| 199 | 18.347 | 18.321 | 18.369 | VV | 4511       | 87351  | 1.71% | 0.380% |
| 200 | 18.395 | 18.369 | 18.443 | VV | 4107       | 128705 | 2.52% | 0.560% |
| 201 | 18.466 | 18.443 | 18.495 | VV | 2577       | 67770  | 1.33% | 0.295% |
| 202 | 18.526 | 18.495 | 18.559 | VV | 3017       | 95825  | 1.88% | 0.417% |
| 203 | 18.595 | 18.559 | 18.611 | VV | 3073       | 82918  | 1.62% | 0.361% |
| 204 | 18.622 | 18.611 | 18.633 | VV | 2633       | 32784  | 0.64% | 0.143% |
| 205 | 18.674 | 18.633 | 18.719 | VV | 7921       | 200138 | 3.92% | 0.870% |
| 206 | 18.749 | 18.719 | 18.768 | VV | 3433       | 82901  | 1.62% | 0.360% |
| 207 | 18.787 | 18.768 | 18.798 | VV | 2535       | 43012  | 0.84% | 0.187% |
| 208 | 18.850 | 18.798 | 18.913 | VV | 3380       | 186797 | 3.66% | 0.812% |
| 209 | 18.922 | 18.913 | 18.933 | VV | 2810       | 30780  | 0.60% | 0.134% |
| 210 | 18.942 | 18.933 | 18.975 | VV | 2838       | 65739  | 1.29% | 0.286% |
| 211 | 18.985 | 18.975 | 19.017 | VV | 2693       | 59613  | 1.17% | 0.259% |
| 212 | 19.055 | 19.017 | 19.112 | VV | 7783       | 225649 | 4.42% | 0.981% |
| 213 | 19.164 | 19.112 | 19.195 | VV | 3623       | 155387 | 3.04% | 0.676% |
| 214 | 19.211 | 19.195 | 19.223 | VV | 3084       | 48190  | 0.94% | 0.210% |
| 215 | 19.239 | 19.223 | 19.249 | VV | 3282       | 49674  | 0.97% | 0.216% |
| 216 | 19.254 | 19.249 | 19.264 | VV | 3179       | 26571  | 0.52% | 0.116% |
| 217 | 19.278 | 19.264 | 19.297 | VV | 3444       | 63398  | 1.24% | 0.276% |
| 218 | 19.308 | 19.297 | 19.321 | VV | 3216       | 44255  | 0.87% | 0.192% |
| 219 | 19.365 | 19.321 | 19.395 | VV | 4176       | 158825 | 3.11% | 0.691% |
| 220 | 19.431 | 19.395 | 19.505 | VV | 6574       | 276205 | 5.41% | 1.201% |
| 221 | 19.564 | 19.505 | 19.592 | VV | 4713       | 193798 | 3.80% | 0.843% |
| 222 | 19.611 | 19.592 | 19.637 | VV | 3875       | 96871  | 1.90% | 0.421% |
| 223 | 19.666 | 19.637 | 19.691 | VV | 4898       | 137034 | 2.69% | 0.596% |
| 224 | 19.707 | 19.691 | 19.731 | VV | 4212       | 92072  | 1.80% | 0.400% |
| 225 | 19.742 | 19.731 | 19.755 | VV | 3778       | 52490  | 1.03% | 0.228% |
| 226 | 19.794 | 19.755 | 19.815 | VV | 6401       | 177660 | 3.48% | 0.773% |
| 227 | 19.829 | 19.815 | 19.838 | VV | 5058       | 62560  | 1.23% | 0.272% |
| 228 | 19.850 | 19.838 | 19.866 | VV | 4883       | 76861  | 1.51% | 0.334% |
| 229 | 19.900 | 19.866 | 19.935 | VV | 4898       | 186331 | 3.65% | 0.810% |
| 230 | 19.974 | 19.935 | 20.008 | VV | 5302       | 200104 | 3.92% | 0.870% |
| 231 | 20.031 | 20.008 | 20.044 | VV | 4500       | 92250  | 1.81% | 0.401% |
| 232 | 20.062 | 20.044 | 20.080 | VV | 4405       | 93046  | 1.82% | 0.405% |
| 233 | 20.107 | 20.080 | 20.117 | VV | 4365       | 92625  | 1.82% | 0.403% |
| 234 | 20.149 | 20.117 | 20.189 | VV | 7463       | 244246 | 4.79% | 1.062% |
| 235 | 20.220 | 20.189 | 20.230 | VV | 4908       | 115816 | 2.27% | 0.504% |
| 236 | 20.247 | 20.230 | 20.274 | VV | 5653       | 136124 | 2.67% | 0.592% |
| 237 | 20.288 | 20.274 | 20.301 | VV | 5374       | 79741  | 1.56% | 0.347% |
| 238 | 20.322 | 20.301 | 20.339 | VV | 5605       | 120659 | 2.36% | 0.525% |
| 239 | 20.361 | 20.339 | 20.400 | VV | 5463       | 187753 | 3.68% | 0.816% |
| 240 | 20.414 | 20.400 | 20.431 | VV | 4959       | 88009  | 1.72% | 0.383% |
| 241 | 20.441 | 20.431 | 20.452 | VV | 4766       | 56476  | 1.11% | 0.246% |
| 242 | 20.459 | 20.452 | 20.464 | VV | 4524       | 32202  | 0.63% | 0.140% |
| 243 | 20.495 | 20.464 | 20.575 | VV | 6859       | 311188 | 6.10% | 1.353% |
| 244 | 20.589 | 20.575 | 20.611 | VV | 4420       | 87169  | 1.71% | 0.379% |
| 245 | 20.627 | 20.611 | 20.651 | VV | 3819       | 88680  | 1.74% | 0.386% |
| 246 | 20.670 | 20.651 | 20.761 | VV | 3727       | 219011 | 4.29% | 0.952% |

|     |        |        |        |    |                         |          |       |        |  |
|-----|--------|--------|--------|----|-------------------------|----------|-------|--------|--|
|     |        |        |        |    | rteres.txt              |          |       |        |  |
| 247 | 20.788 | 20.761 | 20.822 | VV | 3498                    | 118487   | 2.32% | 0.515% |  |
| 248 | 20.868 | 20.822 | 20.936 | VV | 4018                    | 202231   | 3.96% | 0.879% |  |
| 249 | 20.974 | 20.936 | 21.008 | VV | 2305                    | 91821    | 1.80% | 0.399% |  |
| 250 | 21.029 | 21.008 | 21.055 | VV | 2013                    | 52384    | 1.03% | 0.228% |  |
| 251 | 21.062 | 21.055 | 21.106 | VV | 2016                    | 51586    | 1.01% | 0.224% |  |
| 252 | 21.117 | 21.106 | 21.128 | VV | 1504                    | 18210    | 0.36% | 0.079% |  |
| 253 | 21.136 | 21.128 | 21.141 | VV | 1469                    | 10908    | 0.21% | 0.047% |  |
| 254 | 21.153 | 21.141 | 21.181 | VV | 1390                    | 27617    | 0.54% | 0.120% |  |
| 255 | 21.197 | 21.181 | 21.263 | VV | 1368                    | 44500    | 0.87% | 0.194% |  |
| 256 | 21.295 | 21.263 | 21.331 | VV | 1974                    | 51412    | 1.01% | 0.224% |  |
|     |        |        |        |    | Sum of corrected areas: | 22997023 |       |        |  |

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