

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE101323AL\  
Data File : FE044835.D  
Signal(s) : FID1B.ch  
Acq On : 13 Oct 2023 09:21  
Sample : 04858-02DL 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 101123.M  
Title : GC Extractables

Signal : FID1B.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         | 3.238       | 3.185        | 3.258      | BV       | 1716           | 17067        | 0.20%          | 0.015%        |
| 2         | 3.270       | 3.258        | 3.351      | VV       | 447            | 5216         | 0.06%          | 0.005%        |
| 3         | 3.425       | 3.351        | 3.447      | PV       | 278            | 5912         | 0.07%          | 0.005%        |
| 4         | 3.473       | 3.447        | 3.502      | VV       | 596            | 7979         | 0.09%          | 0.007%        |
| 5         | 3.509       | 3.502        | 3.516      | VV       | 106            | 748          | 0.01%          | 0.001%        |
| 6         | 3.527       | 3.516        | 3.566      | VV       | 127            | 2611         | 0.03%          | 0.002%        |
| 7         | 3.574       | 3.566        | 3.585      | VV       | 130            | 1057         | 0.01%          | 0.001%        |
| 8         | 3.633       | 3.585        | 3.688      | VV       | 429            | 10893        | 0.13%          | 0.010%        |
| 9         | 3.704       | 3.688        | 3.733      | VV       | 725            | 13421        | 0.16%          | 0.012%        |
| 10        | 3.760       | 3.733        | 3.808      | VV       | 12439          | 122439       | 1.44%          | 0.108%        |
| 11        | 3.814       | 3.808        | 3.823      | VV       | 59             | 612          | 0.01%          | 0.001%        |
| 12        | 3.829       | 3.823        | 3.835      | VV       | 73             | 460          | 0.01%          | 0.000%        |
| 13        | 3.875       | 3.835        | 3.920      | PV       | 9695           | 96649        | 1.13%          | 0.085%        |
| 14        | 3.967       | 3.920        | 4.014      | VV       | 1387           | 22356        | 0.26%          | 0.020%        |
| 15        | 4.031       | 4.014        | 4.056      | VV       | 860            | 9258         | 0.11%          | 0.008%        |
| 16        | 4.077       | 4.056        | 4.104      | VV       | 869            | 11452        | 0.13%          | 0.010%        |
| 17        | 4.125       | 4.104        | 4.174      | VV       | 690            | 12594        | 0.15%          | 0.011%        |
| 18        | 4.193       | 4.174        | 4.217      | VV       | 213            | 3425         | 0.04%          | 0.003%        |
| 19        | 4.264       | 4.217        | 4.341      | VV       | 1804           | 40472        | 0.47%          | 0.036%        |
| 20        | 4.354       | 4.341        | 4.382      | VV       | 294            | 5412         | 0.06%          | 0.005%        |
| 21        | 4.402       | 4.382        | 4.414      | VV       | 260            | 4056         | 0.05%          | 0.004%        |
| 22        | 4.430       | 4.414        | 4.451      | VV       | 319            | 5321         | 0.06%          | 0.005%        |
| 23        | 4.501       | 4.451        | 4.514      | VV       | 237            | 6704         | 0.08%          | 0.006%        |
| 24        | 4.539       | 4.514        | 4.560      | VV       | 364            | 6495         | 0.08%          | 0.006%        |
| 25        | 4.578       | 4.560        | 4.598      | VV       | 906            | 11429        | 0.13%          | 0.010%        |
| 26        | 4.616       | 4.598        | 4.642      | VV       | 431            | 9224         | 0.11%          | 0.008%        |
| 27        | 4.695       | 4.642        | 4.741      | VV       | 5603           | 67503        | 0.79%          | 0.059%        |
| 28        | 4.766       | 4.741        | 4.805      | VV       | 1159           | 21993        | 0.26%          | 0.019%        |
| 29        | 4.819       | 4.805        | 4.844      | VV       | 499            | 9364         | 0.11%          | 0.008%        |
| 30        | 4.860       | 4.844        | 4.881      | VV       | 381            | 7618         | 0.09%          | 0.007%        |
| 31        | 4.917       | 4.881        | 4.948      | VV       | 1244           | 26184        | 0.31%          | 0.023%        |
| 32        | 4.958       | 4.948        | 4.981      | VV       | 524            | 9036         | 0.11%          | 0.008%        |
| 33        | 5.002       | 4.981        | 5.013      | VV       | 455            | 8210         | 0.10%          | 0.007%        |
| 34        | 5.040       | 5.013        | 5.071      | VV       | 1228           | 21521        | 0.25%          | 0.019%        |
| 35        | 5.116       | 5.071        | 5.133      | VV       | 791            | 18244        | 0.21%          | 0.016%        |
| 36        | 5.160       | 5.133        | 5.224      | VV       | 1373           | 33770        | 0.40%          | 0.030%        |

|    |       |       |       |    | rteres |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
| 37 | 5.242 | 5.224 | 5.252 | VV | 685    | 8689    | 0.10%  | 0.008% |
| 38 | 5.257 | 5.252 | 5.275 | VV | 631    | 6708    | 0.08%  | 0.006% |
| 39 | 5.296 | 5.275 | 5.313 | VV | 1642   | 20265   | 0.24%  | 0.018% |
| 40 | 5.325 | 5.313 | 5.364 | VV | 911    | 14763   | 0.17%  | 0.013% |
| 41 | 5.383 | 5.364 | 5.409 | VV | 722    | 11249   | 0.13%  | 0.010% |
| 42 | 5.445 | 5.409 | 5.468 | VV | 846    | 19189   | 0.23%  | 0.017% |
| 43 | 5.482 | 5.468 | 5.514 | VV | 485    | 10966   | 0.13%  | 0.010% |
| 44 | 5.537 | 5.514 | 5.601 | VV | 456    | 17146   | 0.20%  | 0.015% |
| 45 | 5.613 | 5.601 | 5.638 | VV | 354    | 6421    | 0.08%  | 0.006% |
| 46 | 5.673 | 5.638 | 5.690 | VV | 1128   | 18788   | 0.22%  | 0.017% |
| 47 | 5.705 | 5.690 | 5.724 | VV | 1116   | 14677   | 0.17%  | 0.013% |
| 48 | 5.734 | 5.724 | 5.748 | VV | 470    | 5588    | 0.07%  | 0.005% |
| 49 | 5.785 | 5.748 | 5.810 | VV | 495    | 14068   | 0.17%  | 0.012% |
| 50 | 5.829 | 5.810 | 5.842 | VV | 420    | 6993    | 0.08%  | 0.006% |
| 51 | 5.867 | 5.842 | 5.898 | VV | 2047   | 29352   | 0.34%  | 0.026% |
| 52 | 5.925 | 5.898 | 5.935 | VV | 1305   | 17933   | 0.21%  | 0.016% |
| 53 | 5.966 | 5.935 | 6.008 | VV | 4179   | 69838   | 0.82%  | 0.061% |
| 54 | 6.024 | 6.008 | 6.047 | VV | 1144   | 17777   | 0.21%  | 0.016% |
| 55 | 6.064 | 6.047 | 6.096 | VV | 622    | 15643   | 0.18%  | 0.014% |
| 56 | 6.110 | 6.096 | 6.120 | VV | 604    | 7910    | 0.09%  | 0.007% |
| 57 | 6.141 | 6.120 | 6.179 | VV | 2022   | 32580   | 0.38%  | 0.029% |
| 58 | 6.244 | 6.179 | 6.278 | VV | 257005 | 2567144 | 30.12% | 2.255% |
| 59 | 6.294 | 6.278 | 6.331 | VV | 5473   | 83673   | 0.98%  | 0.073% |
| 60 | 6.385 | 6.331 | 6.411 | VV | 1364   | 53278   | 0.63%  | 0.047% |
| 61 | 6.431 | 6.411 | 6.458 | VV | 1403   | 31157   | 0.37%  | 0.027% |
| 62 | 6.493 | 6.458 | 6.525 | VV | 1553   | 46271   | 0.54%  | 0.041% |
| 63 | 6.540 | 6.525 | 6.577 | VV | 1173   | 27981   | 0.33%  | 0.025% |
| 64 | 6.592 | 6.577 | 6.600 | VV | 787    | 9976    | 0.12%  | 0.009% |
| 65 | 6.622 | 6.600 | 6.655 | VV | 1346   | 28727   | 0.34%  | 0.025% |
| 66 | 6.691 | 6.655 | 6.755 | VV | 2830   | 76834   | 0.90%  | 0.067% |
| 67 | 6.766 | 6.755 | 6.796 | VV | 715    | 15695   | 0.18%  | 0.014% |
| 68 | 6.822 | 6.796 | 6.847 | VV | 1557   | 31730   | 0.37%  | 0.028% |
| 69 | 6.863 | 6.847 | 6.880 | VV | 851    | 14329   | 0.17%  | 0.013% |
| 70 | 6.899 | 6.880 | 6.950 | VV | 1162   | 32075   | 0.38%  | 0.028% |
| 71 | 6.990 | 6.950 | 7.007 | VV | 1645   | 31349   | 0.37%  | 0.028% |
| 72 | 7.025 | 7.007 | 7.048 | VV | 1407   | 25121   | 0.29%  | 0.022% |
| 73 | 7.057 | 7.048 | 7.078 | VV | 844    | 14085   | 0.17%  | 0.012% |
| 74 | 7.110 | 7.078 | 7.127 | VV | 1786   | 37363   | 0.44%  | 0.033% |
| 75 | 7.140 | 7.127 | 7.171 | VV | 1116   | 25387   | 0.30%  | 0.022% |
| 76 | 7.188 | 7.171 | 7.212 | VV | 1222   | 23619   | 0.28%  | 0.021% |
| 77 | 7.244 | 7.212 | 7.262 | VV | 2592   | 44282   | 0.52%  | 0.039% |
| 78 | 7.278 | 7.262 | 7.306 | VV | 1670   | 32175   | 0.38%  | 0.028% |
| 79 | 7.339 | 7.306 | 7.371 | VV | 120619 | 1251040 | 14.68% | 1.099% |
| 80 | 7.391 | 7.371 | 7.413 | VV | 3329   | 60773   | 0.71%  | 0.053% |
| 81 | 7.432 | 7.413 | 7.451 | VV | 2815   | 45607   | 0.54%  | 0.040% |
| 82 | 7.477 | 7.451 | 7.525 | VV | 79874  | 833491  | 9.78%  | 0.732% |
| 83 | 7.541 | 7.525 | 7.608 | VV | 1426   | 57066   | 0.67%  | 0.050% |
| 84 | 7.617 | 7.608 | 7.631 | VV | 955    | 12432   | 0.15%  | 0.011% |
| 85 | 7.654 | 7.631 | 7.691 | VV | 1820   | 42495   | 0.50%  | 0.037% |
| 86 | 7.711 | 7.691 | 7.758 | VV | 1536   | 40700   | 0.48%  | 0.036% |
| 87 | 7.780 | 7.758 | 7.808 | VV | 1679   | 35114   | 0.41%  | 0.031% |
| 88 | 7.830 | 7.808 | 7.858 | VV | 1630   | 32745   | 0.38%  | 0.029% |
| 89 | 7.879 | 7.858 | 7.911 | VV | 947    | 23773   | 0.28%  | 0.021% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 90     | 8.079  | 8.051  | 8.145  | VV | 26364  | 329237  | 3.86%  | 0.289% |
| 91     | 8.181  | 8.145  | 8.200  | VV | 1623   | 36837   | 0.43%  | 0.032% |
| 92     | 8.238  | 8.200  | 8.270  | VV | 17299  | 230137  | 2.70%  | 0.202% |
| 93     | 8.285  | 8.270  | 8.297  | VV | 1837   | 25398   | 0.30%  | 0.022% |
| 94     | 8.350  | 8.297  | 8.390  | VV | 24165  | 516386  | 6.06%  | 0.454% |
| 95     | 8.408  | 8.390  | 8.426  | VV | 1955   | 33449   | 0.39%  | 0.029% |
| 96     | 8.456  | 8.426  | 8.471  | VV | 49156  | 549181  | 6.44%  | 0.482% |
| 97     | 8.483  | 8.471  | 8.510  | VV | 31116  | 340079  | 3.99%  | 0.299% |
| 98     | 8.520  | 8.510  | 8.554  | VV | 3019   | 59893   | 0.70%  | 0.053% |
| 99     | 8.570  | 8.554  | 8.587  | VV | 1740   | 27106   | 0.32%  | 0.024% |
| 100    | 8.620  | 8.587  | 8.681  | VV | 17400  | 393804  | 4.62%  | 0.346% |
| 101    | 8.690  | 8.681  | 8.710  | VV | 1758   | 25978   | 0.30%  | 0.023% |
| 102    | 8.732  | 8.710  | 8.758  | VV | 10947  | 124433  | 1.46%  | 0.109% |
| 103    | 8.780  | 8.758  | 8.801  | VV | 1846   | 28540   | 0.33%  | 0.025% |
| 104    | 8.889  | 8.870  | 8.911  | VV | 7580   | 104437  | 1.23%  | 0.092% |
| 105    | 8.939  | 8.911  | 8.966  | VV | 175246 | 1788746 | 20.99% | 1.571% |
| 106    | 8.986  | 8.966  | 9.027  | VV | 17718  | 222506  | 2.61%  | 0.195% |
| 107    | 9.056  | 9.027  | 9.073  | VV | 6930   | 94887   | 1.11%  | 0.083% |
| 108    | 9.083  | 9.073  | 9.114  | VV | 3559   | 61004   | 0.72%  | 0.054% |
| 109    | 9.133  | 9.114  | 9.152  | VV | 5024   | 65022   | 0.76%  | 0.057% |
| 110    | 9.182  | 9.152  | 9.193  | VV | 14705  | 176557  | 2.07%  | 0.155% |
| 111    | 9.214  | 9.193  | 9.243  | VV | 108523 | 1161193 | 13.62% | 1.020% |
| 112    | 9.254  | 9.243  | 9.290  | VV | 3954   | 74401   | 0.87%  | 0.065% |
| 113    | 9.308  | 9.290  | 9.330  | VV | 4579   | 64723   | 0.76%  | 0.057% |
| 114    | 9.354  | 9.330  | 9.375  | VV | 11498  | 155545  | 1.82%  | 0.137% |
| 115    | 9.394  | 9.375  | 9.440  | VV | 12898  | 189342  | 2.22%  | 0.166% |
| 116    | 9.457  | 9.440  | 9.479  | VV | 1249   | 20257   | 0.24%  | 0.018% |
| 117    | 9.510  | 9.479  | 9.526  | VV | 11152  | 130234  | 1.53%  | 0.114% |
| 118    | 9.542  | 9.526  | 9.574  | VV | 10572  | 122924  | 1.44%  | 0.108% |
| 119    | 9.647  | 9.574  | 9.671  | VV | 11488  | 194456  | 2.28%  | 0.171% |
| 120    | 9.687  | 9.671  | 9.701  | VV | 2070   | 27457   | 0.32%  | 0.024% |
| 121    | 9.730  | 9.701  | 9.785  | VV | 205099 | 2192264 | 25.72% | 1.926% |
| 122    | 9.809  | 9.785  | 9.824  | VV | 11552  | 142843  | 1.68%  | 0.125% |
| 123    | 9.852  | 9.824  | 9.863  | VV | 12880  | 188798  | 2.21%  | 0.166% |
| 124    | 9.882  | 9.863  | 9.922  | VV | 34117  | 487514  | 5.72%  | 0.428% |
| 125    | 9.943  | 9.922  | 9.978  | VV | 21682  | 276799  | 3.25%  | 0.243% |
| 126    | 9.999  | 9.978  | 10.028 | VV | 2407   | 54256   | 0.64%  | 0.048% |
| 127    | 10.053 | 10.028 | 10.081 | VV | 30834  | 372293  | 4.37%  | 0.327% |
| 128    | 10.102 | 10.081 | 10.123 | VV | 3585   | 66499   | 0.78%  | 0.058% |
| 129    | 10.154 | 10.123 | 10.195 | VV | 43945  | 593017  | 6.96%  | 0.521% |
| 130    | 10.215 | 10.195 | 10.236 | VV | 7333   | 89201   | 1.05%  | 0.078% |
| 131    | 10.251 | 10.236 | 10.275 | VV | 2643   | 36647   | 0.43%  | 0.032% |
| 132    | 10.321 | 10.275 | 10.382 | VV | 3104   | 72839   | 0.85%  | 0.064% |
| 133    | 10.393 | 10.382 | 10.403 | PV | 165    | 1237    | 0.01%  | 0.001% |
| 134    | 10.422 | 10.403 | 10.458 | VV | 626    | 8744    | 0.10%  | 0.008% |
| 135    | 10.478 | 10.458 | 10.488 | VV | 3212   | 31951   | 0.37%  | 0.028% |
| 136    | 10.503 | 10.488 | 10.521 | VV | 5903   | 68593   | 0.80%  | 0.060% |
| 137    | 10.535 | 10.521 | 10.564 | VV | 2005   | 38473   | 0.45%  | 0.034% |
| 138    | 10.616 | 10.564 | 10.639 | VV | 31354  | 475391  | 5.58%  | 0.418% |
| 139    | 10.656 | 10.639 | 10.691 | VV | 13980  | 173970  | 2.04%  | 0.153% |
| 140    | 10.734 | 10.691 | 10.769 | VV | 18258  | 320054  | 3.75%  | 0.281% |
| 141    | 10.787 | 10.769 | 10.847 | VV | 13597  | 248635  | 2.92%  | 0.218% |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 142    | 10.906 | 10.847 | 10.916 | VV | 14384  | 239570  | 2.81%   | 0.210% |
| 143    | 10.939 | 10.916 | 10.980 | VV | 35974  | 577520  | 6.78%   | 0.507% |
| 144    | 11.011 | 10.980 | 11.020 | VV | 3242   | 60270   | 0.71%   | 0.053% |
| 145    | 11.040 | 11.020 | 11.058 | VV | 10713  | 137312  | 1.61%   | 0.121% |
| 146    | 11.071 | 11.058 | 11.088 | VV | 3979   | 53422   | 0.63%   | 0.047% |
| 147    | 11.144 | 11.088 | 11.187 | VV | 749638 | 8523728 | 100.00% | 7.487% |
| 148    | 11.215 | 11.187 | 11.278 | VV | 231940 | 2618391 | 30.72%  | 2.300% |
| 149    | 11.291 | 11.278 | 11.303 | VV | 4034   | 47837   | 0.56%   | 0.042% |
| 150    | 11.313 | 11.303 | 11.338 | VV | 3306   | 50903   | 0.60%   | 0.045% |
| 151    | 11.351 | 11.338 | 11.364 | VV | 2261   | 26142   | 0.31%   | 0.023% |
| 152    | 11.384 | 11.364 | 11.404 | VV | 9251   | 114758  | 1.35%   | 0.101% |
| 153    | 11.428 | 11.404 | 11.470 | VV | 46083  | 570092  | 6.69%   | 0.501% |
| 154    | 11.499 | 11.470 | 11.515 | VV | 2847   | 55735   | 0.65%   | 0.049% |
| 155    | 11.537 | 11.515 | 11.559 | VV | 5620   | 101703  | 1.19%   | 0.089% |
| 156    | 11.570 | 11.559 | 11.607 | VV | 3105   | 80345   | 0.94%   | 0.071% |
| 157    | 11.674 | 11.607 | 11.708 | VV | 12295  | 344515  | 4.04%   | 0.303% |
| 158    | 11.738 | 11.708 | 11.763 | VV | 8283   | 131098  | 1.54%   | 0.115% |
| 159    | 11.793 | 11.763 | 11.815 | VV | 7788   | 109681  | 1.29%   | 0.096% |
| 160    | 11.833 | 11.815 | 11.849 | VV | 2916   | 40102   | 0.47%   | 0.035% |
| 161    | 11.862 | 11.849 | 11.876 | VV | 1907   | 27545   | 0.32%   | 0.024% |
| 162    | 11.908 | 11.876 | 11.928 | VV | 198795 | 2230923 | 26.17%  | 1.960% |
| 163    | 11.944 | 11.928 | 11.959 | VV | 70308  | 779468  | 9.14%   | 0.685% |
| 164    | 11.975 | 11.959 | 12.015 | VV | 91234  | 1056603 | 12.40%  | 0.928% |
| 165    | 12.058 | 12.015 | 12.078 | VV | 88544  | 1430832 | 16.79%  | 1.257% |
| 166    | 12.092 | 12.078 | 12.105 | VV | 33922  | 400967  | 4.70%   | 0.352% |
| 167    | 12.122 | 12.105 | 12.152 | VV | 54420  | 690439  | 8.10%   | 0.606% |
| 168    | 12.168 | 12.152 | 12.184 | VV | 4073   | 46977   | 0.55%   | 0.041% |
| 169    | 12.205 | 12.184 | 12.230 | VV | 8001   | 110217  | 1.29%   | 0.097% |
| 170    | 12.266 | 12.230 | 12.283 | VV | 4998   | 86832   | 1.02%   | 0.076% |
| 171    | 12.304 | 12.283 | 12.346 | VV | 14372  | 219275  | 2.57%   | 0.193% |
| 172    | 12.375 | 12.346 | 12.389 | VV | 2884   | 64447   | 0.76%   | 0.057% |
| 173    | 12.414 | 12.389 | 12.462 | VV | 40202  | 538526  | 6.32%   | 0.473% |
| 174    | 12.472 | 12.462 | 12.488 | VV | 3575   | 45479   | 0.53%   | 0.040% |
| 175    | 12.506 | 12.488 | 12.536 | VV | 8755   | 118738  | 1.39%   | 0.104% |
| 176    | 12.562 | 12.536 | 12.582 | VV | 5715   | 81886   | 0.96%   | 0.072% |
| 177    | 12.597 | 12.582 | 12.631 | VV | 2166   | 41593   | 0.49%   | 0.037% |
| 178    | 12.667 | 12.631 | 12.677 | VV | 7210   | 103204  | 1.21%   | 0.091% |
| 179    | 12.688 | 12.677 | 12.713 | VV | 7869   | 106923  | 1.25%   | 0.094% |
| 180    | 12.736 | 12.713 | 12.774 | VV | 14651  | 269936  | 3.17%   | 0.237% |
| 181    | 12.813 | 12.774 | 12.826 | VV | 9733   | 189928  | 2.23%   | 0.167% |
| 182    | 12.847 | 12.826 | 12.866 | VV | 29690  | 387116  | 4.54%   | 0.340% |
| 183    | 12.883 | 12.866 | 12.897 | VV | 14458  | 214441  | 2.52%   | 0.188% |
| 184    | 12.909 | 12.897 | 12.930 | VV | 14289  | 210317  | 2.47%   | 0.185% |
| 185    | 12.967 | 12.930 | 13.006 | VV | 514633 | 6106675 | 71.64%  | 5.364% |
| 186    | 13.023 | 13.006 | 13.044 | VV | 5770   | 78446   | 0.92%   | 0.069% |
| 187    | 13.059 | 13.044 | 13.071 | VV | 2652   | 32671   | 0.38%   | 0.029% |
| 188    | 13.124 | 13.071 | 13.135 | VV | 12647  | 229525  | 2.69%   | 0.202% |
| 189    | 13.147 | 13.135 | 13.163 | VV | 15281  | 195451  | 2.29%   | 0.172% |
| 190    | 13.178 | 13.163 | 13.230 | VV | 11457  | 250500  | 2.94%   | 0.220% |
| 191    | 13.264 | 13.230 | 13.292 | VV | 376807 | 4338309 | 50.90%  | 3.811% |
| 192    | 13.318 | 13.292 | 13.330 | VV | 59298  | 668168  | 7.84%   | 0.587% |
| 193    | 13.351 | 13.330 | 13.386 | VV | 195350 | 2503957 | 29.38%  | 2.199% |
| 194    | 13.403 | 13.386 | 13.410 | VV | 2901   | 37095   | 0.44%   | 0.033% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.434 | 13.410 | 13.448 | VV | 19595  | 253766  | 2.98%  | 0.223% |
| 196 | 13.459 | 13.448 | 13.490 | VV | 16321  | 213574  | 2.51%  | 0.188% |
| 197 | 13.528 | 13.490 | 13.567 | VV | 27622  | 399209  | 4.68%  | 0.351% |
| 198 | 13.601 | 13.567 | 13.625 | VV | 11959  | 206043  | 2.42%  | 0.181% |
| 199 | 13.659 | 13.625 | 13.694 | VV | 16490  | 265779  | 3.12%  | 0.233% |
| 200 | 13.721 | 13.694 | 13.787 | VV | 30127  | 499378  | 5.86%  | 0.439% |
| 201 | 13.851 | 13.787 | 13.894 | PV | 92633  | 1425137 | 16.72% | 1.252% |
| 202 | 13.918 | 13.894 | 13.933 | VV | 7700   | 108889  | 1.28%  | 0.096% |
| 203 | 13.959 | 13.933 | 13.981 | VV | 74249  | 958737  | 11.25% | 0.842% |
| 204 | 13.998 | 13.981 | 14.022 | VV | 32309  | 428160  | 5.02%  | 0.376% |
| 205 | 14.039 | 14.022 | 14.061 | VV | 11323  | 189177  | 2.22%  | 0.166% |
| 206 | 14.127 | 14.061 | 14.150 | VV | 28316  | 772049  | 9.06%  | 0.678% |
| 207 | 14.169 | 14.150 | 14.209 | VV | 23644  | 357138  | 4.19%  | 0.314% |
| 208 | 14.243 | 14.209 | 14.263 | VV | 8705   | 160115  | 1.88%  | 0.141% |
| 209 | 14.282 | 14.263 | 14.317 | VV | 4826   | 105709  | 1.24%  | 0.093% |
| 210 | 14.353 | 14.317 | 14.370 | VV | 4041   | 104151  | 1.22%  | 0.091% |
| 211 | 14.380 | 14.370 | 14.419 | VV | 3301   | 52308   | 0.61%  | 0.046% |
| 212 | 14.438 | 14.419 | 14.471 | VV | 2548   | 39704   | 0.47%  | 0.035% |
| 213 | 14.491 | 14.471 | 14.504 | PV | 937    | 8441    | 0.10%  | 0.007% |
| 214 | 14.553 | 14.504 | 14.573 | VV | 16075  | 332887  | 3.91%  | 0.292% |
| 215 | 14.588 | 14.573 | 14.620 | VV | 14618  | 220675  | 2.59%  | 0.194% |
| 216 | 14.664 | 14.620 | 14.677 | VV | 10638  | 224994  | 2.64%  | 0.198% |
| 217 | 14.688 | 14.677 | 14.736 | VV | 10684  | 220617  | 2.59%  | 0.194% |
| 218 | 14.765 | 14.736 | 14.805 | VV | 23796  | 433763  | 5.09%  | 0.381% |
| 219 | 14.828 | 14.805 | 14.851 | VV | 51170  | 703943  | 8.26%  | 0.618% |
| 220 | 14.872 | 14.851 | 14.880 | VV | 17878  | 230677  | 2.71%  | 0.203% |
| 221 | 14.890 | 14.880 | 14.917 | VV | 19078  | 258670  | 3.03%  | 0.227% |
| 222 | 14.931 | 14.917 | 14.942 | VV | 4439   | 57478   | 0.67%  | 0.050% |
| 223 | 14.955 | 14.942 | 14.970 | VV | 4575   | 68474   | 0.80%  | 0.060% |
| 224 | 15.013 | 14.970 | 15.067 | VV | 9911   | 265661  | 3.12%  | 0.233% |
| 225 | 15.093 | 15.067 | 15.111 | VV | 9415   | 115293  | 1.35%  | 0.101% |
| 226 | 15.143 | 15.111 | 15.164 | VV | 191405 | 2475315 | 29.04% | 2.174% |
| 227 | 15.184 | 15.164 | 15.218 | VV | 165747 | 2050939 | 24.06% | 1.802% |
| 228 | 15.229 | 15.218 | 15.262 | VV | 5161   | 88447   | 1.04%  | 0.078% |
| 229 | 15.304 | 15.262 | 15.356 | VV | 48427  | 787585  | 9.24%  | 0.692% |
| 230 | 15.383 | 15.356 | 15.417 | VV | 12448  | 214522  | 2.52%  | 0.188% |
| 231 | 15.445 | 15.417 | 15.466 | VV | 13242  | 211874  | 2.49%  | 0.186% |
| 232 | 15.484 | 15.466 | 15.538 | VV | 11713  | 298908  | 3.51%  | 0.263% |
| 233 | 15.588 | 15.538 | 15.614 | VV | 7171   | 197307  | 2.31%  | 0.173% |
| 234 | 15.623 | 15.614 | 15.665 | VV | 5980   | 104557  | 1.23%  | 0.092% |
| 235 | 15.728 | 15.665 | 15.744 | VV | 4903   | 140960  | 1.65%  | 0.124% |
| 236 | 15.772 | 15.744 | 15.791 | VV | 10641  | 195415  | 2.29%  | 0.172% |
| 237 | 15.815 | 15.791 | 15.837 | VV | 40340  | 547510  | 6.42%  | 0.481% |
| 238 | 15.854 | 15.837 | 15.878 | VV | 19351  | 284330  | 3.34%  | 0.250% |
| 239 | 15.899 | 15.878 | 15.928 | VV | 15919  | 272295  | 3.19%  | 0.239% |
| 240 | 15.976 | 15.928 | 16.015 | VV | 28128  | 725595  | 8.51%  | 0.637% |
| 241 | 16.052 | 16.015 | 16.082 | VV | 13367  | 255572  | 3.00%  | 0.224% |
| 242 | 16.092 | 16.082 | 16.115 | VV | 2642   | 39081   | 0.46%  | 0.034% |
| 243 | 16.138 | 16.115 | 16.160 | VV | 7777   | 103468  | 1.21%  | 0.091% |
| 244 | 16.178 | 16.160 | 16.195 | VV | 3545   | 48499   | 0.57%  | 0.043% |
| 245 | 16.240 | 16.195 | 16.271 | VV | 5828   | 146465  | 1.72%  | 0.129% |
| 246 | 16.314 | 16.271 | 16.333 | PV | 2245   | 37329   | 0.44%  | 0.033% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 16.348 | 16.333 | 16.362 | VV | 1727   | 18360   | 0.22%  | 0.016% |
| 248 | 16.378 | 16.362 | 16.389 | VV | 1324   | 16416   | 0.19%  | 0.014% |
| 249 | 16.416 | 16.389 | 16.441 | VV | 5318   | 108703  | 1.28%  | 0.095% |
| 250 | 16.453 | 16.441 | 16.468 | VV | 3644   | 44190   | 0.52%  | 0.039% |
| 251 | 16.489 | 16.468 | 16.507 | VV | 6943   | 98455   | 1.16%  | 0.086% |
| 252 | 16.522 | 16.507 | 16.553 | VV | 4661   | 88979   | 1.04%  | 0.078% |
| 253 | 16.617 | 16.553 | 16.656 | VV | 8299   | 264888  | 3.11%  | 0.233% |
| 254 | 16.705 | 16.656 | 16.770 | VV | 147778 | 3049984 | 35.78% | 2.679% |
| 255 | 16.783 | 16.770 | 16.803 | VV | 3431   | 51238   | 0.60%  | 0.045% |
| 256 | 16.834 | 16.803 | 16.857 | VV | 36013  | 458099  | 5.37%  | 0.402% |
| 257 | 16.871 | 16.857 | 16.912 | VV | 6891   | 102616  | 1.20%  | 0.090% |
| 258 | 16.925 | 16.912 | 16.933 | VV | 792    | 6465    | 0.08%  | 0.006% |
| 259 | 16.954 | 16.933 | 16.969 | VV | 4946   | 60357   | 0.71%  | 0.053% |
| 260 | 17.026 | 16.969 | 17.054 | VV | 81121  | 1383999 | 16.24% | 1.216% |
| 261 | 17.084 | 17.054 | 17.132 | VV | 127358 | 1740576 | 20.42% | 1.529% |
| 262 | 17.185 | 17.132 | 17.215 | VV | 30521  | 480945  | 5.64%  | 0.422% |
| 263 | 17.234 | 17.215 | 17.265 | VV | 7457   | 129834  | 1.52%  | 0.114% |
| 264 | 17.329 | 17.265 | 17.369 | VV | 11420  | 391746  | 4.60%  | 0.344% |
| 265 | 17.386 | 17.369 | 17.407 | VV | 4692   | 70180   | 0.82%  | 0.062% |
| 266 | 17.449 | 17.407 | 17.523 | VV | 23682  | 715195  | 8.39%  | 0.628% |
| 267 | 17.548 | 17.523 | 17.561 | PV | 5209   | 66754   | 0.78%  | 0.059% |
| 268 | 17.585 | 17.561 | 17.595 | VV | 9266   | 143994  | 1.69%  | 0.126% |
| 269 | 17.608 | 17.595 | 17.647 | VV | 10258  | 193410  | 2.27%  | 0.170% |
| 270 | 17.670 | 17.647 | 17.688 | VV | 8383   | 134916  | 1.58%  | 0.119% |
| 271 | 17.699 | 17.688 | 17.716 | VV | 5587   | 77435   | 0.91%  | 0.068% |
| 272 | 17.742 | 17.716 | 17.769 | VV | 13752  | 237492  | 2.79%  | 0.209% |
| 273 | 17.781 | 17.769 | 17.824 | VV | 3690   | 67133   | 0.79%  | 0.059% |
| 274 | 17.857 | 17.824 | 17.882 | VV | 5518   | 103385  | 1.21%  | 0.091% |
| 275 | 17.890 | 17.882 | 17.903 | VV | 1168   | 11746   | 0.14%  | 0.010% |
| 276 | 17.923 | 17.903 | 17.943 | VV | 2530   | 32067   | 0.38%  | 0.028% |
| 277 | 17.957 | 17.943 | 17.974 | VV | 913    | 9822    | 0.12%  | 0.009% |
| 278 | 18.042 | 17.974 | 18.059 | PV | 5431   | 153291  | 1.80%  | 0.135% |
| 279 | 18.078 | 18.059 | 18.109 | VV | 7119   | 118792  | 1.39%  | 0.104% |
| 280 | 18.174 | 18.109 | 18.199 | VV | 6816   | 192019  | 2.25%  | 0.169% |
| 281 | 18.240 | 18.199 | 18.277 | VV | 6433   | 195735  | 2.30%  | 0.172% |
| 282 | 18.296 | 18.277 | 18.328 | VV | 2149   | 43688   | 0.51%  | 0.038% |
| 283 | 18.365 | 18.328 | 18.419 | PV | 20877  | 445133  | 5.22%  | 0.391% |
| 284 | 18.456 | 18.419 | 18.481 | VV | 62259  | 961173  | 11.28% | 0.844% |
| 285 | 18.498 | 18.481 | 18.524 | VV | 18475  | 343855  | 4.03%  | 0.302% |
| 286 | 18.538 | 18.524 | 18.562 | VV | 8917   | 138867  | 1.63%  | 0.122% |
| 287 | 18.588 | 18.562 | 18.605 | VV | 19012  | 282193  | 3.31%  | 0.248% |
| 288 | 18.620 | 18.605 | 18.677 | VV | 13215  | 288924  | 3.39%  | 0.254% |
| 289 | 18.710 | 18.677 | 18.761 | VV | 48755  | 752192  | 8.82%  | 0.661% |
| 290 | 18.792 | 18.761 | 18.812 | VV | 7900   | 153357  | 1.80%  | 0.135% |
| 291 | 18.841 | 18.812 | 18.878 | VV | 23010  | 392867  | 4.61%  | 0.345% |
| 292 | 18.915 | 18.878 | 18.988 | VV | 5528   | 212691  | 2.50%  | 0.187% |
| 293 | 19.017 | 18.988 | 19.040 | VV | 4289   | 90791   | 1.07%  | 0.080% |
| 294 | 19.056 | 19.040 | 19.075 | VV | 2677   | 49939   | 0.59%  | 0.044% |
| 295 | 19.144 | 19.075 | 19.168 | VV | 7145   | 224167  | 2.63%  | 0.197% |
| 296 | 19.187 | 19.168 | 19.203 | VV | 4568   | 80849   | 0.95%  | 0.071% |
| 297 | 19.224 | 19.203 | 19.251 | VV | 7530   | 122549  | 1.44%  | 0.108% |
| 298 | 19.282 | 19.251 | 19.298 | VV | 5883   | 112728  | 1.32%  | 0.099% |
| 299 | 19.309 | 19.298 | 19.338 | VV | 5800   | 102927  | 1.21%  | 0.090% |

|                         |        |        |        |    | rteres    |         |        |        |
|-------------------------|--------|--------|--------|----|-----------|---------|--------|--------|
| 300                     | 19.387 | 19.338 | 19.439 | VV | 6990      | 226395  | 2.66%  | 0.199% |
| 301                     | 19.469 | 19.439 | 19.528 | VV | 6716      | 224838  | 2.64%  | 0.197% |
| 302                     | 19.565 | 19.528 | 19.587 | VV | 4065      | 113088  | 1.33%  | 0.099% |
| 303                     | 19.600 | 19.587 | 19.617 | VV | 2819      | 45085   | 0.53%  | 0.040% |
| 304                     | 19.698 | 19.617 | 19.709 | VV | 6373      | 232506  | 2.73%  | 0.204% |
| 305                     | 19.731 | 19.709 | 19.778 | VV | 7075      | 269139  | 3.16%  | 0.236% |
| 306                     | 19.806 | 19.778 | 19.831 | VV | 9013      | 244490  | 2.87%  | 0.215% |
| 307                     | 19.869 | 19.831 | 19.903 | VV | 24792     | 640080  | 7.51%  | 0.562% |
| 308                     | 19.936 | 19.903 | 19.964 | VV | 23164     | 607332  | 7.13%  | 0.533% |
| 309                     | 19.988 | 19.964 | 20.045 | VV | 16943     | 631215  | 7.41%  | 0.554% |
| 310                     | 20.063 | 20.045 | 20.092 | VV | 9848      | 253372  | 2.97%  | 0.223% |
| 311                     | 20.155 | 20.092 | 20.178 | VV | 12576     | 492416  | 5.78%  | 0.433% |
| 312                     | 20.247 | 20.178 | 20.288 | VV | 25894     | 1085038 | 12.73% | 0.953% |
| 313                     | 20.316 | 20.288 | 20.354 | VV | 16978     | 595702  | 6.99%  | 0.523% |
| 314                     | 20.389 | 20.354 | 20.407 | VV | 17897     | 518433  | 6.08%  | 0.455% |
| 315                     | 20.436 | 20.407 | 20.443 | VV | 18128     | 367958  | 4.32%  | 0.323% |
| 316                     | 20.478 | 20.443 | 20.509 | VV | 20724     | 763804  | 8.96%  | 0.671% |
| 317                     | 20.530 | 20.509 | 20.558 | VV | 18898     | 535114  | 6.28%  | 0.470% |
| 318                     | 20.592 | 20.558 | 20.644 | VV | 19113     | 904689  | 10.61% | 0.795% |
| 319                     | 20.793 | 20.644 | 20.888 | VV | 26703     | 3037164 | 35.63% | 2.668% |
| 320                     | 20.957 | 20.888 | 21.008 | VV | 21956     | 1440762 | 16.90% | 1.266% |
| 321                     | 21.082 | 21.008 | 21.105 | VV | 19012     | 1089064 | 12.78% | 0.957% |
| 322                     | 21.119 | 21.105 | 21.153 | VV | 18746     | 513079  | 6.02%  | 0.451% |
| 323                     | 21.165 | 21.153 | 21.214 | VV | 16497     | 555803  | 6.52%  | 0.488% |
| 324                     | 21.329 | 21.214 | 21.343 | VV | 17485     | 1235112 | 14.49% | 1.085% |
| 325                     | 21.370 | 21.343 | 21.397 | VV | 16883     | 521442  | 6.12%  | 0.458% |
| 326                     | 21.414 | 21.397 | 21.445 | VV | 14994     | 411880  | 4.83%  | 0.362% |
| 327                     | 21.460 | 21.445 | 21.473 | VV | 12989     | 216423  | 2.54%  | 0.190% |
| 328                     | 21.496 | 21.473 | 21.579 | VV | 12605     | 692604  | 8.13%  | 0.608% |
| 329                     | 21.661 | 21.579 | 21.674 | VV | 12095     | 611601  | 7.18%  | 0.537% |
| 330                     | 21.701 | 21.674 | 21.840 | VV | 12009     | 951115  | 11.16% | 0.835% |
| 331                     | 21.929 | 21.840 | 22.001 | VV | 8869      | 648048  | 7.60%  | 0.569% |
| 332                     | 22.092 | 22.001 | 22.121 | VV | 6633      | 354965  | 4.16%  | 0.312% |
| 333                     | 22.140 | 22.121 | 22.291 | VV | 5695      | 290103  | 3.40%  | 0.255% |
| Sum of corrected areas: |        |        |        |    | 113845960 |         |        |        |

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