

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC042522AL\  
 Data File : FC059418.D  
 Signal(s) : FID1A.CH  
 Acq On : 26 Apr 2022 00:27  
 Sample : N2524-03  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 042122.M  
 Title : GC Extractables

Signal : FID1A.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 2.926       | 2.905        | 2.987      | BV       | 17095          | 155591       | 0.98%          | 0.034%        |
| 2         | 3.000       | 2.987        | 3.021      | PV       | 1423           | 9415         | 0.06%          | 0.002%        |
| 3         | 3.063       | 3.021        | 3.092      | PV       | 24595          | 279919       | 1.77%          | 0.061%        |
| 4         | 3.118       | 3.092        | 3.136      | PV       | 16165          | 242710       | 1.53%          | 0.053%        |
| 5         | 3.147       | 3.136        | 3.179      | VV       | 14092          | 223692       | 1.41%          | 0.049%        |
| 6         | 3.207       | 3.179        | 3.305      | VV       | 906134         | 10666207     | 67.31%         | 2.324%        |
| 7         | 3.317       | 3.305        | 3.342      | VV       | 16655          | 321381       | 2.03%          | 0.070%        |
| 8         | 3.364       | 3.342        | 3.404      | VV       | 21232          | 429041       | 2.71%          | 0.093%        |
| 9         | 3.440       | 3.404        | 3.493      | VV       | 49859          | 1255275      | 7.92%          | 0.274%        |
| 10        | 3.515       | 3.493        | 3.529      | VV       | 59253          | 793334       | 5.01%          | 0.173%        |
| 11        | 3.540       | 3.529        | 3.550      | VV       | 47745          | 492211       | 3.11%          | 0.107%        |
| 12        | 3.561       | 3.550        | 3.586      | VV       | 69010          | 872554       | 5.51%          | 0.190%        |
| 13        | 3.604       | 3.586        | 3.622      | VV       | 93311          | 1117798      | 7.05%          | 0.244%        |
| 14        | 3.636       | 3.622        | 3.654      | VV       | 77580          | 942706       | 5.95%          | 0.205%        |
| 15        | 3.669       | 3.654        | 3.704      | VV       | 68772          | 1204346      | 7.60%          | 0.262%        |
| 16        | 3.715       | 3.704        | 3.734      | VV       | 24522          | 353070       | 2.23%          | 0.077%        |
| 17        | 3.763       | 3.734        | 3.773      | VV       | 77921          | 1103685      | 6.96%          | 0.240%        |
| 18        | 3.787       | 3.773        | 3.825      | VV       | 162812         | 2980046      | 18.81%         | 0.649%        |
| 19        | 3.835       | 3.825        | 3.895      | VV       | 57385          | 959672       | 6.06%          | 0.209%        |
| 20        | 3.911       | 3.895        | 3.926      | VV       | 9006           | 148963       | 0.94%          | 0.032%        |
| 21        | 3.961       | 3.926        | 3.994      | VV       | 17820          | 581581       | 3.67%          | 0.127%        |
| 22        | 4.024       | 3.994        | 4.046      | VV       | 490232         | 5241904      | 33.08%         | 1.142%        |
| 23        | 4.060       | 4.046        | 4.118      | VV       | 255091         | 3760785      | 23.73%         | 0.819%        |
| 24        | 4.165       | 4.118        | 4.182      | VV       | 663843         | 8397271      | 52.99%         | 1.830%        |
| 25        | 4.197       | 4.182        | 4.219      | VV       | 472667         | 4609078      | 29.09%         | 1.004%        |
| 26        | 4.232       | 4.219        | 4.256      | VV       | 68544          | 812817       | 5.13%          | 0.177%        |
| 27        | 4.271       | 4.256        | 4.287      | VV       | 21740          | 301568       | 1.90%          | 0.066%        |
| 28        | 4.329       | 4.287        | 4.357      | VV       | 1245729        | 15846692     | 100.00%        | 3.453%        |
| 29        | 4.369       | 4.357        | 4.427      | VV       | 337289         | 5144214      | 32.46%         | 1.121%        |
| 30        | 4.443       | 4.427        | 4.504      | VV       | 65643          | 1274615      | 8.04%          | 0.278%        |
| 31        | 4.538       | 4.504        | 4.564      | VV       | 41471          | 981722       | 6.20%          | 0.214%        |
| 32        | 4.590       | 4.564        | 4.656      | VV       | 137664         | 3390121      | 21.39%         | 0.739%        |
| 33        | 4.670       | 4.656        | 4.694      | VV       | 34448          | 578970       | 3.65%          | 0.126%        |
| 34        | 4.711       | 4.694        | 4.754      | VV       | 29265          | 600911       | 3.79%          | 0.131%        |
| 35        | 4.770       | 4.754        | 4.780      | VV       | 12995          | 174805       | 1.10%          | 0.038%        |
| 36        | 4.797       | 4.780        | 4.817      | VV       | 27092          | 435031       | 2.75%          | 0.095%        |

| rteres |       |       |       |    |         |          |        |        |
|--------|-------|-------|-------|----|---------|----------|--------|--------|
| 37     | 4.845 | 4.817 | 4.866 | VV | 49100   | 901969   | 5.69%  | 0.197% |
| 38     | 4.893 | 4.866 | 4.919 | VV | 51475   | 1169031  | 7.38%  | 0.255% |
| 39     | 4.937 | 4.919 | 4.975 | VV | 68063   | 1368715  | 8.64%  | 0.298% |
| 40     | 4.993 | 4.975 | 5.030 | VV | 86897   | 1416376  | 8.94%  | 0.309% |
|        |       |       |       |    |         |          |        |        |
| 41     | 5.073 | 5.030 | 5.094 | VV | 300922  | 3916454  | 24.71% | 0.853% |
| 42     | 5.106 | 5.094 | 5.124 | VV | 100791  | 1312442  | 8.28%  | 0.286% |
| 43     | 5.140 | 5.124 | 5.191 | VV | 110576  | 2118474  | 13.37% | 0.462% |
| 44     | 5.207 | 5.191 | 5.221 | VV | 24654   | 362988   | 2.29%  | 0.079% |
| 45     | 5.261 | 5.221 | 5.278 | VV | 48348   | 1147066  | 7.24%  | 0.250% |
|        |       |       |       |    |         |          |        |        |
| 46     | 5.293 | 5.278 | 5.320 | VV | 72747   | 1379352  | 8.70%  | 0.301% |
| 47     | 5.340 | 5.320 | 5.395 | VV | 171672  | 3500225  | 22.09% | 0.763% |
| 48     | 5.414 | 5.395 | 5.465 | VV | 322657  | 4312459  | 27.21% | 0.940% |
| 49     | 5.524 | 5.465 | 5.535 | VV | 223322  | 3688007  | 23.27% | 0.804% |
| 50     | 5.556 | 5.535 | 5.584 | VV | 1098864 | 12581549 | 79.40% | 2.742% |
|        |       |       |       |    |         |          |        |        |
| 51     | 5.602 | 5.584 | 5.627 | VV | 101482  | 2162984  | 13.65% | 0.471% |
| 52     | 5.671 | 5.627 | 5.696 | VV | 116225  | 3571196  | 22.54% | 0.778% |
| 53     | 5.715 | 5.696 | 5.774 | VV | 77373   | 1936750  | 12.22% | 0.422% |
| 54     | 5.818 | 5.774 | 5.849 | VV | 101454  | 2567232  | 16.20% | 0.559% |
| 55     | 5.858 | 5.849 | 5.881 | VV | 55038   | 874722   | 5.52%  | 0.191% |
|        |       |       |       |    |         |          |        |        |
| 56     | 5.900 | 5.881 | 5.927 | VV | 58272   | 1132614  | 7.15%  | 0.247% |
| 57     | 5.953 | 5.927 | 5.978 | VV | 115317  | 1872219  | 11.81% | 0.408% |
| 58     | 5.998 | 5.978 | 6.008 | VV | 67480   | 1026286  | 6.48%  | 0.224% |
| 59     | 6.033 | 6.008 | 6.075 | VV | 138323  | 3134707  | 19.78% | 0.683% |
| 60     | 6.098 | 6.075 | 6.161 | VV | 118812  | 2833158  | 17.88% | 0.617% |
|        |       |       |       |    |         |          |        |        |
| 61     | 6.189 | 6.161 | 6.223 | VV | 67252   | 1611167  | 10.17% | 0.351% |
| 62     | 6.265 | 6.223 | 6.288 | VV | 134116  | 2777518  | 17.53% | 0.605% |
| 63     | 6.314 | 6.288 | 6.390 | VV | 936903  | 13150230 | 82.98% | 2.865% |
| 64     | 6.399 | 6.390 | 6.409 | VV | 37250   | 426348   | 2.69%  | 0.093% |
| 65     | 6.430 | 6.409 | 6.438 | VV | 50621   | 779673   | 4.92%  | 0.170% |
|        |       |       |       |    |         |          |        |        |
| 66     | 6.454 | 6.438 | 6.466 | VV | 50429   | 852336   | 5.38%  | 0.186% |
| 67     | 6.526 | 6.466 | 6.545 | VV | 90893   | 3069236  | 19.37% | 0.669% |
| 68     | 6.603 | 6.545 | 6.634 | VV | 137787  | 4459892  | 28.14% | 0.972% |
| 69     | 6.650 | 6.634 | 6.711 | VV | 88602   | 2779591  | 17.54% | 0.606% |
| 70     | 6.730 | 6.711 | 6.748 | VV | 52628   | 892183   | 5.63%  | 0.194% |
|        |       |       |       |    |         |          |        |        |
| 71     | 6.761 | 6.748 | 6.777 | VV | 40835   | 596691   | 3.77%  | 0.130% |
| 72     | 6.795 | 6.777 | 6.804 | VV | 49067   | 656264   | 4.14%  | 0.143% |
| 73     | 6.827 | 6.804 | 6.891 | VV | 303438  | 5721584  | 36.11% | 1.247% |
| 74     | 6.905 | 6.891 | 6.924 | VV | 53756   | 975370   | 6.16%  | 0.213% |
| 75     | 6.961 | 6.924 | 7.016 | VV | 160623  | 3933434  | 24.82% | 0.857% |
|        |       |       |       |    |         |          |        |        |
| 76     | 7.045 | 7.016 | 7.070 | VV | 59951   | 1334447  | 8.42%  | 0.291% |
| 77     | 7.098 | 7.070 | 7.121 | VV | 51660   | 1202664  | 7.59%  | 0.262% |
| 78     | 7.133 | 7.121 | 7.137 | VV | 45317   | 433534   | 2.74%  | 0.094% |
| 79     | 7.154 | 7.137 | 7.191 | VV | 53206   | 1458510  | 9.20%  | 0.318% |
| 80     | 7.217 | 7.191 | 7.267 | VV | 707452  | 8789349  | 55.46% | 1.915% |
|        |       |       |       |    |         |          |        |        |
| 81     | 7.292 | 7.267 | 7.310 | VV | 118790  | 1799120  | 11.35% | 0.392% |
| 82     | 7.324 | 7.310 | 7.341 | VV | 66237   | 954331   | 6.02%  | 0.208% |
| 83     | 7.359 | 7.341 | 7.388 | VV | 54345   | 1260868  | 7.96%  | 0.275% |
| 84     | 7.436 | 7.388 | 7.469 | VV | 142884  | 4468538  | 28.20% | 0.974% |
| 85     | 7.502 | 7.469 | 7.521 | VV | 121803  | 3325489  | 20.99% | 0.725% |
|        |       |       |       |    |         |          |        |        |
| 86     | 7.545 | 7.521 | 7.600 | VV | 232456  | 4830347  | 30.48% | 1.053% |
| 87     | 7.652 | 7.600 | 7.700 | VV | 104965  | 3687141  | 23.27% | 0.803% |
| 88     | 7.717 | 7.700 | 7.735 | VV | 56646   | 943922   | 5.96%  | 0.206% |
| 89     | 7.797 | 7.735 | 7.835 | VV | 303807  | 5639359  | 35.59% | 1.229% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    | rteres |          |        |        |
| 90  | 7.864  | 7.835  | 7.903  | VV | 111300 | 2531244  | 15.97% | 0.552% |
| 91  | 7.928  | 7.903  | 7.948  | VV | 94528  | 1791526  | 11.31% | 0.390% |
| 92  | 7.971  | 7.948  | 7.999  | VV | 224864 | 3113402  | 19.65% | 0.678% |
| 93  | 8.029  | 7.999  | 8.045  | VV | 71737  | 1403593  | 8.86%  | 0.306% |
| 94  | 8.068  | 8.045  | 8.106  | VV | 464817 | 6079443  | 38.36% | 1.325% |
| 95  | 8.113  | 8.106  | 8.128  | VV | 42220  | 542559   | 3.42%  | 0.118% |
| 96  | 8.148  | 8.128  | 8.164  | VV | 42512  | 830997   | 5.24%  | 0.181% |
| 97  | 8.202  | 8.164  | 8.213  | VV | 52998  | 1343567  | 8.48%  | 0.293% |
| 98  | 8.224  | 8.213  | 8.246  | VV | 52991  | 911027   | 5.75%  | 0.199% |
| 99  | 8.269  | 8.246  | 8.306  | VV | 68478  | 1840832  | 11.62% | 0.401% |
| 100 | 8.347  | 8.306  | 8.374  | VV | 274905 | 4912744  | 31.00% | 1.070% |
| 101 | 8.402  | 8.374  | 8.424  | VV | 152191 | 2983583  | 18.83% | 0.650% |
| 102 | 8.464  | 8.424  | 8.503  | VV | 945454 | 15301195 | 96.56% | 3.334% |
| 103 | 8.524  | 8.503  | 8.571  | VV | 100376 | 2749172  | 17.35% | 0.599% |
| 104 | 8.623  | 8.571  | 8.668  | VV | 242951 | 5581962  | 35.22% | 1.216% |
| 105 | 8.686  | 8.668  | 8.707  | VV | 83258  | 1462963  | 9.23%  | 0.319% |
| 106 | 8.728  | 8.707  | 8.752  | VV | 78767  | 1731935  | 10.93% | 0.377% |
| 107 | 8.781  | 8.752  | 8.825  | VV | 117450 | 3432353  | 21.66% | 0.748% |
| 108 | 8.846  | 8.825  | 8.868  | VV | 72191  | 1529793  | 9.65%  | 0.333% |
| 109 | 8.892  | 8.868  | 8.926  | VV | 66742  | 2114555  | 13.34% | 0.461% |
| 110 | 8.940  | 8.926  | 8.958  | VV | 70786  | 1141021  | 7.20%  | 0.249% |
| 111 | 8.975  | 8.958  | 8.994  | VV | 71024  | 1131380  | 7.14%  | 0.247% |
| 112 | 9.030  | 8.994  | 9.117  | VV | 740160 | 13055081 | 82.38% | 2.845% |
| 113 | 9.177  | 9.117  | 9.199  | VV | 238708 | 5201490  | 32.82% | 1.133% |
| 114 | 9.238  | 9.199  | 9.258  | VV | 348144 | 5982558  | 37.75% | 1.304% |
| 115 | 9.271  | 9.258  | 9.295  | VV | 75347  | 1428815  | 9.02%  | 0.311% |
| 116 | 9.322  | 9.295  | 9.362  | VV | 70426  | 2186905  | 13.80% | 0.477% |
| 117 | 9.406  | 9.362  | 9.449  | VV | 168948 | 4573755  | 28.86% | 0.997% |
| 118 | 9.469  | 9.449  | 9.492  | VV | 83001  | 1767722  | 11.16% | 0.385% |
| 119 | 9.505  | 9.492  | 9.520  | VV | 66336  | 972933   | 6.14%  | 0.212% |
| 120 | 9.536  | 9.520  | 9.552  | VV | 68264  | 1064514  | 6.72%  | 0.232% |
| 121 | 9.567  | 9.552  | 9.583  | VV | 57055  | 985059   | 6.22%  | 0.215% |
| 122 | 9.591  | 9.583  | 9.608  | VV | 51332  | 740531   | 4.67%  | 0.161% |
| 123 | 9.633  | 9.608  | 9.645  | VV | 111425 | 1697279  | 10.71% | 0.370% |
| 124 | 9.666  | 9.645  | 9.711  | VV | 295507 | 5599422  | 35.33% | 1.220% |
| 125 | 9.723  | 9.711  | 9.763  | VV | 71145  | 1677731  | 10.59% | 0.366% |
| 126 | 9.788  | 9.763  | 9.810  | VV | 112976 | 2023567  | 12.77% | 0.441% |
| 127 | 9.834  | 9.810  | 9.856  | VV | 65407  | 1520079  | 9.59%  | 0.331% |
| 128 | 9.890  | 9.856  | 9.918  | VV | 92635  | 2526821  | 15.95% | 0.551% |
| 129 | 9.964  | 9.918  | 9.990  | VV | 118274 | 3295306  | 20.79% | 0.718% |
| 130 | 10.025 | 9.990  | 10.049 | VV | 177915 | 3091481  | 19.51% | 0.674% |
| 131 | 10.066 | 10.049 | 10.091 | VV | 61403  | 1285033  | 8.11%  | 0.280% |
| 132 | 10.112 | 10.091 | 10.142 | VV | 49681  | 1282749  | 8.09%  | 0.280% |
| 133 | 10.151 | 10.142 | 10.161 | VV | 35600  | 403123   | 2.54%  | 0.088% |
| 134 | 10.183 | 10.161 | 10.211 | VV | 48666  | 1216867  | 7.68%  | 0.265% |
| 135 | 10.234 | 10.211 | 10.248 | VV | 52641  | 989923   | 6.25%  | 0.216% |
| 136 | 10.265 | 10.248 | 10.329 | VV | 64221  | 2222836  | 14.03% | 0.484% |
| 137 | 10.347 | 10.329 | 10.357 | VV | 38818  | 625310   | 3.95%  | 0.136% |
| 138 | 10.395 | 10.357 | 10.423 | VV | 49436  | 1639242  | 10.34% | 0.357% |
| 139 | 10.437 | 10.423 | 10.465 | VV | 37312  | 850435   | 5.37%  | 0.185% |
| 140 | 10.484 | 10.465 | 10.495 | VV | 34355  | 573622   | 3.62%  | 0.125% |
| 141 | 10.513 | 10.495 | 10.526 | VV | 41633  | 714225   | 4.51%  | 0.156% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 10.531 | 10.526 | 10.575 | VV | 38943  | 944289  | 5.96%  | 0.206% |
| 143    | 10.605 | 10.575 | 10.640 | VV | 43085  | 1359242 | 8.58%  | 0.296% |
| 144    | 10.664 | 10.640 | 10.701 | VV | 33518  | 1174307 | 7.41%  | 0.256% |
| 145    | 10.724 | 10.701 | 10.774 | VV | 39528  | 1586794 | 10.01% | 0.346% |
| 146    | 10.804 | 10.774 | 10.871 | VV | 49344  | 2051496 | 12.95% | 0.447% |
| 147    | 10.908 | 10.871 | 10.921 | VV | 34234  | 894334  | 5.64%  | 0.195% |
| 148    | 10.948 | 10.921 | 10.977 | VV | 78867  | 1640471 | 10.35% | 0.357% |
| 149    | 10.998 | 10.977 | 11.033 | VV | 37145  | 1125748 | 7.10%  | 0.245% |
| 150    | 11.057 | 11.033 | 11.074 | VV | 50953  | 971143  | 6.13%  | 0.212% |
| 151    | 11.104 | 11.074 | 11.128 | VV | 626018 | 7639826 | 48.21% | 1.665% |
| 152    | 11.146 | 11.128 | 11.185 | VV | 80540  | 1727024 | 10.90% | 0.376% |
| 153    | 11.202 | 11.185 | 11.211 | VV | 34183  | 526867  | 3.32%  | 0.115% |
| 154    | 11.231 | 11.211 | 11.268 | VV | 43357  | 1269531 | 8.01%  | 0.277% |
| 155    | 11.274 | 11.268 | 11.298 | VV | 35219  | 586086  | 3.70%  | 0.128% |
| 156    | 11.329 | 11.298 | 11.366 | VV | 35614  | 1259931 | 7.95%  | 0.275% |
| 157    | 11.412 | 11.366 | 11.443 | VV | 35199  | 1512230 | 9.54%  | 0.330% |
| 158    | 11.469 | 11.443 | 11.498 | VV | 47074  | 1287638 | 8.13%  | 0.281% |
| 159    | 11.516 | 11.498 | 11.541 | VV | 43956  | 989391  | 6.24%  | 0.216% |
| 160    | 11.560 | 11.541 | 11.597 | VV | 38088  | 1171072 | 7.39%  | 0.255% |
| 161    | 11.618 | 11.597 | 11.627 | VV | 44544  | 704220  | 4.44%  | 0.153% |
| 162    | 11.640 | 11.627 | 11.670 | VV | 50495  | 1041609 | 6.57%  | 0.227% |
| 163    | 11.692 | 11.670 | 11.718 | VV | 32802  | 880967  | 5.56%  | 0.192% |
| 164    | 11.738 | 11.718 | 11.755 | VV | 35260  | 715341  | 4.51%  | 0.156% |
| 165    | 11.778 | 11.755 | 11.808 | VV | 45834  | 1197586 | 7.56%  | 0.261% |
| 166    | 11.815 | 11.808 | 11.845 | VV | 33987  | 713723  | 4.50%  | 0.156% |
| 167    | 11.871 | 11.845 | 11.904 | VV | 40838  | 1200360 | 7.57%  | 0.262% |
| 168    | 11.934 | 11.904 | 11.967 | VV | 40900  | 1240131 | 7.83%  | 0.270% |
| 169    | 11.979 | 11.967 | 11.998 | VV | 28774  | 518620  | 3.27%  | 0.113% |
| 170    | 12.014 | 11.998 | 12.023 | VV | 30482  | 456221  | 2.88%  | 0.099% |
| 171    | 12.041 | 12.023 | 12.080 | VV | 34133  | 1074628 | 6.78%  | 0.234% |
| 172    | 12.093 | 12.080 | 12.121 | VV | 31034  | 734215  | 4.63%  | 0.160% |
| 173    | 12.181 | 12.121 | 12.223 | VV | 33988  | 1769824 | 11.17% | 0.386% |
| 174    | 12.243 | 12.223 | 12.276 | VV | 28758  | 856908  | 5.41%  | 0.187% |
| 175    | 12.304 | 12.276 | 12.336 | VV | 35167  | 1066771 | 6.73%  | 0.232% |
| 176    | 12.396 | 12.336 | 12.432 | VV | 29477  | 1559005 | 9.84%  | 0.340% |
| 177    | 12.445 | 12.432 | 12.470 | VV | 26496  | 569080  | 3.59%  | 0.124% |
| 178    | 12.491 | 12.470 | 12.507 | VV | 27246  | 550284  | 3.47%  | 0.120% |
| 179    | 12.548 | 12.507 | 12.583 | VV | 450960 | 6466098 | 40.80% | 1.409% |
| 180    | 12.595 | 12.583 | 12.608 | VV | 26784  | 396273  | 2.50%  | 0.086% |
| 181    | 12.619 | 12.608 | 12.645 | VV | 27443  | 575051  | 3.63%  | 0.125% |
| 182    | 12.668 | 12.645 | 12.697 | VV | 25375  | 780500  | 4.93%  | 0.170% |
| 183    | 12.717 | 12.697 | 12.759 | VV | 26701  | 885359  | 5.59%  | 0.193% |
| 184    | 12.793 | 12.759 | 12.813 | VV | 23961  | 726219  | 4.58%  | 0.158% |
| 185    | 12.825 | 12.813 | 12.855 | VV | 23447  | 544408  | 3.44%  | 0.119% |
| 186    | 12.869 | 12.855 | 12.881 | VV | 21324  | 329024  | 2.08%  | 0.072% |
| 187    | 12.934 | 12.881 | 12.973 | VV | 28436  | 1294568 | 8.17%  | 0.282% |
| 188    | 12.991 | 12.973 | 13.008 | VV | 21466  | 433660  | 2.74%  | 0.094% |
| 189    | 13.022 | 13.008 | 13.055 | VV | 20784  | 562707  | 3.55%  | 0.123% |
| 190    | 13.068 | 13.055 | 13.090 | VV | 19639  | 398511  | 2.51%  | 0.087% |
| 191    | 13.120 | 13.090 | 13.150 | VV | 51819  | 1051223 | 6.63%  | 0.229% |
| 192    | 13.174 | 13.150 | 13.217 | VV | 21020  | 765183  | 4.83%  | 0.167% |
| 193    | 13.254 | 13.217 | 13.269 | VV | 22840  | 609761  | 3.85%  | 0.133% |
| 194    | 13.294 | 13.269 | 13.321 | VV | 22566  | 631186  | 3.98%  | 0.138% |

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 195 | 13.347 | 13.321 | 13.368 | VV | 16728  | 450658  | 2.84% | 0.098% |
| 196 | 13.414 | 13.368 | 13.471 | VV | 20239  | 1054273 | 6.65% | 0.230% |
| 197 | 13.490 | 13.471 | 13.510 | VV | 16945  | 370715  | 2.34% | 0.081% |
| 198 | 13.536 | 13.510 | 13.583 | VV | 17108  | 705516  | 4.45% | 0.154% |
| 199 | 13.604 | 13.583 | 13.651 | VV | 19073  | 629418  | 3.97% | 0.137% |
| 200 | 13.683 | 13.651 | 13.704 | VV | 15584  | 438223  | 2.77% | 0.095% |
| 201 | 13.727 | 13.704 | 13.761 | VV | 15109  | 488770  | 3.08% | 0.107% |
| 202 | 13.769 | 13.761 | 13.778 | VV | 14016  | 136612  | 0.86% | 0.030% |
| 203 | 13.818 | 13.778 | 13.837 | VV | 14901  | 503402  | 3.18% | 0.110% |
| 204 | 13.855 | 13.837 | 13.881 | VV | 16210  | 374929  | 2.37% | 0.082% |
| 205 | 13.895 | 13.881 | 13.929 | VV | 11851  | 320831  | 2.02% | 0.070% |
| 206 | 13.936 | 13.929 | 13.957 | VV | 10653  | 172651  | 1.09% | 0.038% |
| 207 | 13.972 | 13.957 | 14.035 | VV | 10820  | 467929  | 2.95% | 0.102% |
| 208 | 14.059 | 14.035 | 14.070 | VV | 10372  | 211937  | 1.34% | 0.046% |
| 209 | 14.081 | 14.070 | 14.129 | VV | 10400  | 346769  | 2.19% | 0.076% |
| 210 | 14.139 | 14.129 | 14.182 | VV | 9837   | 292905  | 1.85% | 0.064% |
| 211 | 14.236 | 14.182 | 14.258 | VV | 33980  | 748436  | 4.72% | 0.163% |
| 212 | 14.270 | 14.258 | 14.343 | VV | 15609  | 667882  | 4.21% | 0.146% |
| 213 | 14.358 | 14.343 | 14.372 | VV | 10284  | 170880  | 1.08% | 0.037% |
| 214 | 14.395 | 14.372 | 14.417 | VV | 16547  | 326891  | 2.06% | 0.071% |
| 215 | 14.434 | 14.417 | 14.484 | VV | 11956  | 388033  | 2.45% | 0.085% |
| 216 | 14.506 | 14.484 | 14.638 | VV | 8525   | 650919  | 4.11% | 0.142% |
| 217 | 14.684 | 14.638 | 14.700 | VV | 7808   | 263789  | 1.66% | 0.057% |
| 218 | 14.725 | 14.700 | 14.748 | VV | 8465   | 227495  | 1.44% | 0.050% |
| 219 | 14.779 | 14.748 | 14.871 | VV | 16782  | 627482  | 3.96% | 0.137% |
| 220 | 14.913 | 14.871 | 14.939 | VV | 12305  | 301078  | 1.90% | 0.066% |
| 221 | 14.954 | 14.939 | 15.035 | VV | 5655   | 242640  | 1.53% | 0.053% |
| 222 | 15.082 | 15.035 | 15.106 | VV | 3995   | 152068  | 0.96% | 0.033% |
| 223 | 15.114 | 15.106 | 15.192 | VV | 3474   | 152341  | 0.96% | 0.033% |
| 224 | 15.205 | 15.192 | 15.219 | VV | 2917   | 45076   | 0.28% | 0.010% |
| 225 | 15.236 | 15.219 | 15.284 | VV | 3093   | 112246  | 0.71% | 0.024% |
| 226 | 15.303 | 15.284 | 15.361 | VV | 2614   | 103270  | 0.65% | 0.023% |
| 227 | 15.411 | 15.361 | 15.511 | VV | 13228  | 315159  | 1.99% | 0.069% |
| 228 | 15.520 | 15.511 | 15.540 | VV | 1585   | 25764   | 0.16% | 0.006% |
| 229 | 15.551 | 15.540 | 15.561 | VV | 1417   | 17054   | 0.11% | 0.004% |
| 230 | 15.571 | 15.561 | 15.618 | VV | 1490   | 42973   | 0.27% | 0.009% |
| 231 | 15.623 | 15.618 | 15.651 | VV | 1111   | 20517   | 0.13% | 0.004% |
| 232 | 15.663 | 15.651 | 15.680 | VV | 1029   | 17506   | 0.11% | 0.004% |
| 233 | 15.720 | 15.680 | 15.755 | VV | 1198   | 43472   | 0.27% | 0.009% |
| 234 | 15.789 | 15.755 | 15.855 | VV | 1784   | 61674   | 0.39% | 0.013% |
| 235 | 15.892 | 15.855 | 15.926 | VV | 11091  | 164601  | 1.04% | 0.036% |
| 236 | 15.982 | 15.926 | 16.021 | VV | 1219   | 44513   | 0.28% | 0.010% |
| 237 | 16.033 | 16.021 | 16.106 | VV | 838    | 20741   | 0.13% | 0.005% |
| 238 | 16.121 | 16.106 | 16.131 | PV | 230    | 2256    | 0.01% | 0.000% |
| 239 | 16.173 | 16.131 | 16.218 | VV | 919    | 25578   | 0.16% | 0.006% |
| 240 | 16.245 | 16.218 | 16.298 | VV | 414    | 12306   | 0.08% | 0.003% |
| 241 | 16.357 | 16.298 | 16.386 | PV | 13037  | 195538  | 1.23% | 0.043% |
| 242 | 16.397 | 16.386 | 16.416 | VV | 823    | 9834    | 0.06% | 0.002% |
| 243 | 16.466 | 16.416 | 16.475 | VV | 541    | 14669   | 0.09% | 0.003% |
| 244 | 16.492 | 16.475 | 16.510 | VV | 503    | 9495    | 0.06% | 0.002% |
| 245 | 16.520 | 16.510 | 16.568 | VV | 612    | 12050   | 0.08% | 0.003% |
| 246 | 16.646 | 16.568 | 16.671 | VV | 788    | 20686   | 0.13% | 0.005% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 16.690 | 16.671 | 16.708 | VV | 327    | 5429    | 0.03%  | 0.001% |
| 248 | 16.729 | 16.708 | 16.766 | VV | 483    | 8931    | 0.06%  | 0.002% |
| 249 | 16.806 | 16.766 | 16.846 | VV | 11678  | 174082  | 1.10%  | 0.038% |
| 250 | 16.853 | 16.846 | 16.885 | VV | 182    | 2669    | 0.02%  | 0.001% |
| 251 | 16.927 | 16.885 | 16.948 | VV | 457    | 8968    | 0.06%  | 0.002% |
| 252 | 16.964 | 16.948 | 16.981 | VV | 283    | 4378    | 0.03%  | 0.001% |
| 253 | 16.985 | 16.981 | 16.995 | VV | 294    | 1610    | 0.01%  | 0.000% |
| 254 | 17.004 | 16.995 | 17.023 | VV | 234    | 3378    | 0.02%  | 0.001% |
| 255 | 17.035 | 17.023 | 17.046 | VV | 230    | 2764    | 0.02%  | 0.001% |
| 256 | 17.086 | 17.046 | 17.106 | VV | 1268   | 23657   | 0.15%  | 0.005% |
| 257 | 17.129 | 17.106 | 17.154 | VV | 1216   | 23022   | 0.15%  | 0.005% |
| 258 | 17.180 | 17.154 | 17.207 | VV | 810    | 21374   | 0.13%  | 0.005% |
| 259 | 17.241 | 17.207 | 17.273 | VV | 12230  | 178308  | 1.13%  | 0.039% |
| 260 | 17.281 | 17.273 | 17.296 | VV | 390    | 3310    | 0.02%  | 0.001% |
| 261 | 17.304 | 17.296 | 17.312 | VV | 130    | 1190    | 0.01%  | 0.000% |
| 262 | 17.455 | 17.312 | 17.475 | VV | 706    | 39397   | 0.25%  | 0.009% |
| 263 | 17.515 | 17.475 | 17.538 | VV | 2099   | 48432   | 0.31%  | 0.011% |
| 264 | 17.556 | 17.538 | 17.575 | VV | 1597   | 28541   | 0.18%  | 0.006% |
| 265 | 17.605 | 17.575 | 17.635 | VV | 5434   | 117036  | 0.74%  | 0.026% |
| 266 | 17.663 | 17.635 | 17.699 | VV | 10806  | 192592  | 1.22%  | 0.042% |
| 267 | 17.737 | 17.699 | 17.787 | VV | 2855   | 83820   | 0.53%  | 0.018% |
| 268 | 17.825 | 17.787 | 17.838 | VV | 1433   | 40892   | 0.26%  | 0.009% |
| 269 | 17.872 | 17.838 | 17.888 | VV | 1460   | 39523   | 0.25%  | 0.009% |
| 270 | 17.925 | 17.888 | 17.948 | VV | 2492   | 62448   | 0.39%  | 0.014% |
| 271 | 17.970 | 17.948 | 17.995 | VV | 2004   | 45644   | 0.29%  | 0.010% |
| 272 | 18.070 | 17.995 | 18.126 | VV | 10239  | 258190  | 1.63%  | 0.056% |
| 273 | 18.156 | 18.126 | 18.182 | VV | 2673   | 75855   | 0.48%  | 0.017% |
| 274 | 18.217 | 18.182 | 18.251 | VV | 2581   | 96023   | 0.61%  | 0.021% |
| 275 | 18.324 | 18.251 | 18.347 | VV | 3185   | 148838  | 0.94%  | 0.032% |
| 276 | 18.386 | 18.347 | 18.414 | VV | 8608   | 218906  | 1.38%  | 0.048% |
| 277 | 18.434 | 18.414 | 18.444 | VV | 6313   | 105923  | 0.67%  | 0.023% |
| 278 | 18.465 | 18.444 | 18.525 | VV | 9211   | 265273  | 1.67%  | 0.058% |
| 279 | 18.643 | 18.525 | 18.688 | VV | 5027   | 425470  | 2.68%  | 0.093% |
| 280 | 18.714 | 18.688 | 18.731 | VV | 5175   | 127733  | 0.81%  | 0.028% |
| 281 | 18.756 | 18.731 | 18.799 | VV | 5257   | 202570  | 1.28%  | 0.044% |
| 282 | 18.851 | 18.799 | 18.939 | VV | 9697   | 538812  | 3.40%  | 0.117% |
| 283 | 19.092 | 18.939 | 19.108 | VV | 8158   | 719635  | 4.54%  | 0.157% |
| 284 | 19.145 | 19.108 | 19.168 | VV | 8945   | 308746  | 1.95%  | 0.067% |
| 285 | 19.224 | 19.168 | 19.253 | VV | 12221  | 516673  | 3.26%  | 0.113% |
| 286 | 19.271 | 19.253 | 19.301 | VV | 9891   | 283709  | 1.79%  | 0.062% |
| 287 | 19.387 | 19.301 | 19.400 | VV | 11070  | 615377  | 3.88%  | 0.134% |
| 288 | 19.450 | 19.400 | 19.467 | VV | 11536  | 446269  | 2.82%  | 0.097% |
| 289 | 19.508 | 19.467 | 19.520 | VV | 11934  | 374134  | 2.36%  | 0.082% |
| 290 | 19.589 | 19.520 | 19.612 | VV | 16300  | 762407  | 4.81%  | 0.166% |
| 291 | 19.651 | 19.612 | 19.665 | VV | 15542  | 483917  | 3.05%  | 0.105% |
| 292 | 19.718 | 19.665 | 19.758 | VV | 15946  | 863759  | 5.45%  | 0.188% |
| 293 | 19.799 | 19.758 | 19.825 | VV | 15489  | 612056  | 3.86%  | 0.133% |
| 294 | 19.834 | 19.825 | 19.843 | VV | 15130  | 166308  | 1.05%  | 0.036% |
| 295 | 19.862 | 19.843 | 19.888 | VV | 15492  | 414841  | 2.62%  | 0.090% |
| 296 | 19.945 | 19.888 | 19.968 | VV | 17053  | 762495  | 4.81%  | 0.166% |
| 297 | 20.134 | 19.968 | 20.155 | VV | 22259  | 2208685 | 13.94% | 0.481% |
| 298 | 20.191 | 20.155 | 20.218 | VV | 23195  | 862740  | 5.44%  | 0.188% |
| 299 | 20.226 | 20.218 | 20.246 | VV | 23152  | 390645  | 2.47%  | 0.085% |

|     |        |        |        |     |                         |         |           |        |
|-----|--------|--------|--------|-----|-------------------------|---------|-----------|--------|
|     |        |        |        |     | rters                   |         |           |        |
| 300 | 20.285 | 20.246 | 20.311 | VV  | 24571                   | 925704  | 5.84%     | 0.202% |
| 301 | 20.322 | 20.311 | 20.332 | VV  | 23602                   | 284900  | 1.80%     | 0.062% |
| 302 | 20.435 | 20.332 | 20.448 | VV  | 26711                   | 1760126 | 11.11%    | 0.384% |
| 303 | 20.511 | 20.448 | 20.535 | VV  | 27119                   | 1400517 | 8.84%     | 0.305% |
| 304 | 20.557 | 20.535 | 20.617 | VV  | 27127                   | 1276231 | 8.05%     | 0.278% |
| 305 | 20.630 | 20.617 | 20.778 | VV  | 25613                   | 2331176 | 14.71%    | 0.508% |
| 306 | 20.923 | 20.778 | 20.948 | VV  | 25830                   | 2460656 | 15.53%    | 0.536% |
| 307 | 20.958 | 20.948 | 20.971 | VV  | 25321                   | 352758  | 2.23%     | 0.077% |
| 308 | 21.034 | 20.971 | 21.101 | VBA | 26664                   | 2039871 | 12.87%    | 0.444% |
|     |        |        |        |     | Sum of corrected areas: |         | 458923485 |        |

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