

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071625AL\  
Data File : FE054871.D  
Signal(s) : FID1B.ch  
Acq On : 16 Jul 2025 09:21  
Sample : Q2597-02DL 2X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062725.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         | 2.847       | 2.805        | 2.882      | BV       | 268            | 4632         | 0.10%          | 0.004%        |
| 2         | 2.917       | 2.882        | 2.941      | PV       | 218            | 5403         | 0.11%          | 0.005%        |
| 3         | 2.966       | 2.941        | 3.011      | VV       | 224            | 7287         | 0.15%          | 0.007%        |
| 4         | 3.014       | 3.011        | 3.021      | VV       | 202            | 1008         | 0.02%          | 0.001%        |
| 5         | 3.054       | 3.021        | 3.092      | VV       | 230            | 7318         | 0.15%          | 0.007%        |
| 6         | 3.116       | 3.092        | 3.143      | VV       | 193            | 4805         | 0.10%          | 0.004%        |
| 7         | 3.165       | 3.143        | 3.179      | VV       | 236            | 4110         | 0.09%          | 0.004%        |
| 8         | 3.187       | 3.179        | 3.208      | VV       | 258            | 3700         | 0.08%          | 0.003%        |
| 9         | 3.295       | 3.208        | 3.335      | VV       | 401            | 21483        | 0.45%          | 0.020%        |
| 10        | 3.347       | 3.335        | 3.390      | VV       | 277            | 7562         | 0.16%          | 0.007%        |
| 11        | 3.422       | 3.390        | 3.472      | VV       | 367            | 11415        | 0.24%          | 0.011%        |
| 12        | 3.533       | 3.472        | 3.568      | VV       | 281            | 12284        | 0.26%          | 0.011%        |
| 13        | 3.607       | 3.568        | 3.649      | VV       | 500            | 14206        | 0.30%          | 0.013%        |
| 14        | 3.657       | 3.649        | 3.674      | VV       | 260            | 3891         | 0.08%          | 0.004%        |
| 15        | 3.806       | 3.674        | 3.844      | VV       | 450            | 27741        | 0.58%          | 0.026%        |
| 16        | 3.862       | 3.844        | 3.871      | VV       | 322            | 4765         | 0.10%          | 0.004%        |
| 17        | 3.894       | 3.871        | 3.925      | VV       | 1519           | 20549        | 0.43%          | 0.019%        |
| 18        | 3.934       | 3.925        | 3.942      | VV       | 230            | 2184         | 0.05%          | 0.002%        |
| 19        | 3.949       | 3.942        | 3.955      | VV       | 251            | 1676         | 0.04%          | 0.002%        |
| 20        | 3.962       | 3.955        | 3.987      | VV       | 238            | 3762         | 0.08%          | 0.003%        |
| 21        | 4.010       | 3.987        | 4.081      | VV       | 1058           | 16935        | 0.35%          | 0.016%        |
| 22        | 4.102       | 4.081        | 4.172      | VV       | 635            | 14909        | 0.31%          | 0.014%        |
| 23        | 4.223       | 4.172        | 4.301      | VV       | 345            | 16319        | 0.34%          | 0.015%        |
| 24        | 4.335       | 4.301        | 4.355      | VV       | 300            | 7356         | 0.15%          | 0.007%        |
| 25        | 4.409       | 4.355        | 4.437      | VV       | 435            | 14322        | 0.30%          | 0.013%        |
| 26        | 4.448       | 4.437        | 4.505      | VV       | 430            | 11778        | 0.25%          | 0.011%        |
| 27        | 4.540       | 4.505        | 4.548      | VV       | 294            | 6140         | 0.13%          | 0.006%        |
| 28        | 4.562       | 4.548        | 4.608      | VV       | 282            | 7333         | 0.15%          | 0.007%        |
| 29        | 4.621       | 4.608        | 4.655      | VV       | 220            | 5025         | 0.11%          | 0.005%        |
| 30        | 4.682       | 4.655        | 4.705      | VV       | 624            | 9192         | 0.19%          | 0.008%        |
| 31        | 4.728       | 4.705        | 4.741      | VV       | 286            | 4577         | 0.10%          | 0.004%        |
| 32        | 4.771       | 4.741        | 4.828      | VV       | 252            | 8762         | 0.18%          | 0.008%        |
| 33        | 4.851       | 4.828        | 4.874      | VV       | 278            | 4249         | 0.09%          | 0.004%        |
| 34        | 4.908       | 4.874        | 4.943      | VV       | 223            | 6763         | 0.14%          | 0.006%        |
| 35        | 4.948       | 4.943        | 4.955      | VV       | 223            | 1378         | 0.03%          | 0.001%        |
| 36        | 4.975       | 4.955        | 5.053      | VV       | 237            | 9343         | 0.20%          | 0.009%        |

|    |       |       |       |    | rt  | er    |       |        |
|----|-------|-------|-------|----|-----|-------|-------|--------|
| 37 | 5.065 | 5.053 | 5.073 | VV | 195 | 1878  | 0.04% | 0.002% |
| 38 | 5.089 | 5.073 | 5.216 | VV | 209 | 12505 | 0.26% | 0.012% |
| 39 | 5.221 | 5.216 | 5.268 | VV | 136 | 2894  | 0.06% | 0.003% |
| 40 | 5.298 | 5.268 | 5.321 | VV | 166 | 3603  | 0.08% | 0.003% |
| 41 | 5.358 | 5.321 | 5.381 | VV | 182 | 3616  | 0.08% | 0.003% |
| 42 | 5.402 | 5.381 | 5.418 | VV | 137 | 2136  | 0.04% | 0.002% |
| 43 | 5.450 | 5.418 | 5.468 | VV | 238 | 3079  | 0.06% | 0.003% |
| 44 | 5.476 | 5.468 | 5.483 | VV | 129 | 770   | 0.02% | 0.001% |
| 45 | 5.507 | 5.483 | 5.519 | VV | 151 | 2273  | 0.05% | 0.002% |
| 46 | 5.568 | 5.519 | 5.587 | VV | 130 | 2838  | 0.06% | 0.003% |
| 47 | 5.600 | 5.587 | 5.615 | VV | 72  | 1296  | 0.03% | 0.001% |
| 48 | 5.628 | 5.615 | 5.655 | VV | 283 | 3469  | 0.07% | 0.003% |
| 49 | 5.666 | 5.655 | 5.688 | VV | 90  | 1200  | 0.03% | 0.001% |
| 50 | 5.704 | 5.688 | 5.731 | VV | 119 | 1369  | 0.03% | 0.001% |
| 51 | 5.742 | 5.731 | 5.757 | PV | 141 | 872   | 0.02% | 0.001% |
| 52 | 5.772 | 5.757 | 5.794 | PV | 76  | 980   | 0.02% | 0.001% |
| 53 | 5.823 | 5.794 | 5.847 | VV | 353 | 5268  | 0.11% | 0.005% |
| 54 | 5.861 | 5.847 | 5.910 | VV | 259 | 5862  | 0.12% | 0.005% |
| 55 | 5.932 | 5.910 | 5.995 | VV | 203 | 5582  | 0.12% | 0.005% |
| 56 | 6.015 | 5.995 | 6.107 | VV | 174 | 6325  | 0.13% | 0.006% |
| 57 | 6.144 | 6.107 | 6.170 | VV | 149 | 3468  | 0.07% | 0.003% |
| 58 | 6.193 | 6.170 | 6.225 | VV | 123 | 2164  | 0.05% | 0.002% |
| 59 | 6.255 | 6.225 | 6.264 | PV | 86  | 1262  | 0.03% | 0.001% |
| 60 | 6.273 | 6.264 | 6.285 | VV | 87  | 679   | 0.01% | 0.001% |
| 61 | 6.295 | 6.285 | 6.329 | VV | 128 | 1804  | 0.04% | 0.002% |
| 62 | 6.402 | 6.329 | 6.446 | VV | 542 | 11491 | 0.24% | 0.011% |
| 63 | 6.503 | 6.446 | 6.536 | VV | 221 | 8411  | 0.18% | 0.008% |
| 64 | 6.566 | 6.536 | 6.617 | VV | 237 | 7693  | 0.16% | 0.007% |
| 65 | 6.658 | 6.617 | 6.675 | VV | 247 | 4878  | 0.10% | 0.005% |
| 66 | 6.698 | 6.675 | 6.738 | VV | 358 | 7177  | 0.15% | 0.007% |
| 67 | 6.811 | 6.738 | 6.832 | VV | 202 | 6964  | 0.15% | 0.006% |
| 68 | 6.857 | 6.832 | 6.900 | VV | 233 | 4980  | 0.10% | 0.005% |
| 69 | 6.934 | 6.900 | 6.961 | VV | 530 | 7807  | 0.16% | 0.007% |
| 70 | 6.975 | 6.961 | 7.052 | VV | 115 | 4465  | 0.09% | 0.004% |
| 71 | 7.078 | 7.052 | 7.115 | VV | 158 | 2755  | 0.06% | 0.003% |
| 72 | 7.146 | 7.115 | 7.159 | VV | 115 | 2336  | 0.05% | 0.002% |
| 73 | 7.182 | 7.159 | 7.208 | VV | 105 | 2447  | 0.05% | 0.002% |
| 74 | 7.215 | 7.208 | 7.222 | VV | 67  | 531   | 0.01% | 0.000% |
| 75 | 7.229 | 7.222 | 7.241 | VV | 85  | 623   | 0.01% | 0.001% |
| 76 | 7.264 | 7.241 | 7.288 | VV | 338 | 5352  | 0.11% | 0.005% |
| 77 | 7.329 | 7.288 | 7.342 | VV | 168 | 3199  | 0.07% | 0.003% |
| 78 | 7.410 | 7.342 | 7.445 | VV | 214 | 10111 | 0.21% | 0.009% |
| 79 | 7.451 | 7.445 | 7.468 | VV | 155 | 1719  | 0.04% | 0.002% |
| 80 | 7.502 | 7.468 | 7.523 | VV | 188 | 4084  | 0.09% | 0.004% |
| 81 | 7.541 | 7.523 | 7.570 | VV | 351 | 5812  | 0.12% | 0.005% |
| 82 | 7.581 | 7.570 | 7.609 | VV | 136 | 1858  | 0.04% | 0.002% |
| 83 | 7.655 | 7.609 | 7.665 | PV | 155 | 3116  | 0.07% | 0.003% |
| 84 | 7.673 | 7.665 | 7.691 | VV | 202 | 1777  | 0.04% | 0.002% |
| 85 | 7.717 | 7.691 | 7.741 | VV | 251 | 4698  | 0.10% | 0.004% |
| 86 | 7.749 | 7.741 | 7.794 | VV | 175 | 3272  | 0.07% | 0.003% |
| 87 | 7.810 | 7.794 | 7.848 | VV | 201 | 3038  | 0.06% | 0.003% |
| 88 | 7.918 | 7.848 | 8.011 | VV | 181 | 8732  | 0.18% | 0.008% |
| 89 | 8.069 | 8.011 | 8.085 | PV | 184 | 3457  | 0.07% | 0.003% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 8.223  | 8.211  | 8.245  | VV | 314    | 5283    | 0.11%  | 0.005% |
| 91  | 8.269  | 8.245  | 8.341  | VV | 426    | 10643   | 0.22%  | 0.010% |
| 92  | 8.364  | 8.341  | 8.375  | VV | 138    | 2218    | 0.05%  | 0.002% |
| 93  | 8.385  | 8.375  | 8.399  | VV | 122    | 1314    | 0.03%  | 0.001% |
| 94  | 8.472  | 8.399  | 8.491  | VV | 214    | 8217    | 0.17%  | 0.008% |
| 95  | 8.516  | 8.491  | 8.536  | VV | 246    | 3263    | 0.07%  | 0.003% |
| 96  | 8.601  | 8.536  | 8.626  | PV | 384    | 11496   | 0.24%  | 0.011% |
| 97  | 8.699  | 8.626  | 8.766  | VV | 1408   | 42744   | 0.90%  | 0.040% |
| 98  | 8.812  | 8.766  | 8.831  | VV | 423    | 12784   | 0.27%  | 0.012% |
| 99  | 8.870  | 8.831  | 8.898  | VV | 421    | 14651   | 0.31%  | 0.014% |
| 100 | 8.926  | 8.898  | 8.955  | VV | 480    | 12435   | 0.26%  | 0.011% |
| 101 | 9.063  | 9.045  | 9.085  | VV | 1346   | 24131   | 0.51%  | 0.022% |
| 102 | 9.102  | 9.085  | 9.115  | VV | 859    | 14689   | 0.31%  | 0.014% |
| 103 | 9.132  | 9.115  | 9.149  | VV | 1367   | 20928   | 0.44%  | 0.019% |
| 104 | 9.168  | 9.149  | 9.187  | VV | 1137   | 21962   | 0.46%  | 0.020% |
| 105 | 9.203  | 9.187  | 9.218  | VV | 1105   | 18647   | 0.39%  | 0.017% |
| 106 | 9.232  | 9.218  | 9.247  | VV | 1124   | 18168   | 0.38%  | 0.017% |
| 107 | 9.268  | 9.247  | 9.285  | VV | 1110   | 23231   | 0.49%  | 0.021% |
| 108 | 9.429  | 9.285  | 9.491  | VV | 3343   | 223713  | 4.69%  | 0.207% |
| 109 | 9.523  | 9.491  | 9.537  | VV | 2182   | 55358   | 1.16%  | 0.051% |
| 110 | 9.558  | 9.537  | 9.566  | VV | 2276   | 38603   | 0.81%  | 0.036% |
| 111 | 9.608  | 9.566  | 9.617  | VV | 2501   | 70946   | 1.49%  | 0.066% |
| 112 | 9.634  | 9.617  | 9.648  | VV | 2589   | 47821   | 1.00%  | 0.044% |
| 113 | 9.737  | 9.648  | 9.755  | VV | 4078   | 203239  | 4.26%  | 0.188% |
| 114 | 9.774  | 9.755  | 9.788  | VV | 3838   | 72178   | 1.51%  | 0.067% |
| 115 | 9.802  | 9.788  | 9.830  | VV | 4746   | 106091  | 2.22%  | 0.098% |
| 116 | 9.878  | 9.830  | 9.889  | VV | 4974   | 152502  | 3.19%  | 0.141% |
| 117 | 9.949  | 9.889  | 9.967  | VV | 5301   | 237272  | 4.97%  | 0.219% |
| 118 | 9.988  | 9.967  | 10.001 | VV | 5681   | 110600  | 2.32%  | 0.102% |
| 119 | 10.089 | 10.001 | 10.111 | VV | 6843   | 419477  | 8.79%  | 0.388% |
| 120 | 10.181 | 10.111 | 10.205 | VV | 19568  | 526944  | 11.04% | 0.487% |
| 121 | 10.278 | 10.205 | 10.301 | VV | 9389   | 507102  | 10.62% | 0.469% |
| 122 | 10.325 | 10.301 | 10.348 | VV | 10044  | 265098  | 5.55%  | 0.245% |
| 123 | 10.368 | 10.348 | 10.381 | VV | 10477  | 202127  | 4.23%  | 0.187% |
| 124 | 10.407 | 10.381 | 10.428 | VV | 11022  | 300445  | 6.29%  | 0.278% |
| 125 | 10.447 | 10.428 | 10.464 | VV | 11361  | 239470  | 5.02%  | 0.221% |
| 126 | 10.487 | 10.464 | 10.505 | VV | 12496  | 289078  | 6.06%  | 0.267% |
| 127 | 10.516 | 10.505 | 10.531 | VV | 12486  | 195325  | 4.09%  | 0.181% |
| 128 | 10.562 | 10.531 | 10.575 | VV | 13444  | 334273  | 7.00%  | 0.309% |
| 129 | 10.589 | 10.575 | 10.608 | VV | 13831  | 271008  | 5.68%  | 0.250% |
| 130 | 10.710 | 10.608 | 10.729 | VV | 17104  | 1115533 | 23.37% | 1.031% |
| 131 | 10.763 | 10.729 | 10.785 | VV | 18078  | 572867  | 12.00% | 0.529% |
| 132 | 10.803 | 10.785 | 10.817 | VV | 18172  | 341847  | 7.16%  | 0.316% |
| 133 | 10.857 | 10.817 | 10.907 | VV | 21077  | 1008523 | 21.13% | 0.932% |
| 134 | 10.977 | 10.907 | 11.004 | VV | 20977  | 1173281 | 24.58% | 1.084% |
| 135 | 11.054 | 11.004 | 11.065 | VV | 22657  | 784294  | 16.43% | 0.725% |
| 136 | 11.130 | 11.065 | 11.145 | VV | 24409  | 1115687 | 23.37% | 1.031% |
| 137 | 11.166 | 11.145 | 11.183 | VV | 24902  | 566335  | 11.86% | 0.523% |
| 138 | 11.198 | 11.183 | 11.212 | VV | 25173  | 434289  | 9.10%  | 0.401% |
| 139 | 11.221 | 11.212 | 11.241 | VV | 25222  | 427552  | 8.96%  | 0.395% |
| 140 | 11.265 | 11.241 | 11.277 | VV | 26138  | 547183  | 11.46% | 0.506% |
| 141 | 11.302 | 11.277 | 11.317 | VV | 29246  | 649437  | 13.60% | 0.600% |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 142    | 11.337 | 11.317 | 11.361 | VV | 29258  | 745472  | 15.62%  | 0.689% |
| 143    | 11.386 | 11.361 | 11.428 | VV | 28571  | 1102327 | 23.09%  | 1.019% |
| 144    | 11.486 | 11.428 | 11.509 | VV | 30099  | 1392833 | 29.18%  | 1.287% |
| 145    | 11.536 | 11.509 | 11.548 | VV | 29679  | 683344  | 14.31%  | 0.632% |
| 146    | 11.601 | 11.548 | 11.628 | VV | 32013  | 1468838 | 30.77%  | 1.358% |
| 147    | 11.650 | 11.628 | 11.681 | VV | 32734  | 1004171 | 21.03%  | 0.928% |
| 148    | 11.705 | 11.681 | 11.721 | VV | 34674  | 812308  | 17.02%  | 0.751% |
| 149    | 11.727 | 11.721 | 11.755 | VV | 33481  | 657483  | 13.77%  | 0.608% |
| 150    | 11.773 | 11.755 | 11.812 | VV | 33699  | 1135980 | 23.80%  | 1.050% |
| 151    | 11.848 | 11.812 | 11.872 | VV | 34688  | 1191522 | 24.96%  | 1.101% |
| 152    | 11.929 | 11.872 | 11.965 | VV | 33994  | 1830934 | 38.35%  | 1.692% |
| 153    | 11.998 | 11.965 | 12.027 | VV | 35239  | 1263142 | 26.46%  | 1.168% |
| 154    | 12.085 | 12.027 | 12.119 | VV | 299257 | 4773946 | 100.00% | 4.412% |
| 155    | 12.154 | 12.119 | 12.164 | VV | 35757  | 953600  | 19.98%  | 0.881% |
| 156    | 12.178 | 12.164 | 12.189 | VV | 36364  | 543360  | 11.38%  | 0.502% |
| 157    | 12.194 | 12.189 | 12.202 | VV | 35376  | 267484  | 5.60%   | 0.247% |
| 158    | 12.244 | 12.202 | 12.260 | VV | 40899  | 1302297 | 27.28%  | 1.204% |
| 159    | 12.277 | 12.260 | 12.298 | VV | 38684  | 861277  | 18.04%  | 0.796% |
| 160    | 12.306 | 12.298 | 12.345 | VV | 38172  | 1022026 | 21.41%  | 0.945% |
| 161    | 12.353 | 12.345 | 12.371 | VV | 36620  | 560702  | 11.75%  | 0.518% |
| 162    | 12.393 | 12.371 | 12.425 | VV | 38956  | 1204035 | 25.22%  | 1.113% |
| 163    | 12.446 | 12.425 | 12.482 | VV | 45911  | 1346561 | 28.21%  | 1.245% |
| 164    | 12.502 | 12.482 | 12.533 | VV | 38241  | 1139338 | 23.87%  | 1.053% |
| 165    | 12.566 | 12.533 | 12.575 | VV | 37266  | 933300  | 19.55%  | 0.863% |
| 166    | 12.587 | 12.575 | 12.614 | VV | 37904  | 855406  | 17.92%  | 0.791% |
| 167    | 12.641 | 12.614 | 12.657 | VV | 38127  | 950603  | 19.91%  | 0.879% |
| 168    | 12.676 | 12.657 | 12.701 | VV | 46952  | 1109512 | 23.24%  | 1.026% |
| 169    | 12.710 | 12.701 | 12.727 | VV | 38783  | 577039  | 12.09%  | 0.533% |
| 170    | 12.746 | 12.727 | 12.799 | VV | 39844  | 1594142 | 33.39%  | 1.473% |
| 171    | 12.818 | 12.799 | 12.834 | VV | 37248  | 768229  | 16.09%  | 0.710% |
| 172    | 12.846 | 12.834 | 12.885 | VV | 37661  | 1104874 | 23.14%  | 1.021% |
| 173    | 12.934 | 12.885 | 12.978 | VV | 37155  | 2005644 | 42.01%  | 1.854% |
| 174    | 13.028 | 12.978 | 13.060 | VV | 36901  | 1750542 | 36.67%  | 1.618% |
| 175    | 13.067 | 13.060 | 13.081 | VV | 35311  | 442792  | 9.28%   | 0.409% |
| 176    | 13.098 | 13.081 | 13.117 | VV | 36035  | 737249  | 15.44%  | 0.681% |
| 177    | 13.141 | 13.117 | 13.173 | VV | 37336  | 1206096 | 25.26%  | 1.115% |
| 178    | 13.196 | 13.173 | 13.225 | VV | 43240  | 1190581 | 24.94%  | 1.100% |
| 179    | 13.248 | 13.225 | 13.291 | VV | 47171  | 1505917 | 31.54%  | 1.392% |
| 180    | 13.320 | 13.291 | 13.369 | VV | 35089  | 1568557 | 32.86%  | 1.450% |
| 181    | 13.408 | 13.369 | 13.435 | VV | 32986  | 1270487 | 26.61%  | 1.174% |
| 182    | 13.443 | 13.435 | 13.460 | VV | 33774  | 503323  | 10.54%  | 0.465% |
| 183    | 13.522 | 13.460 | 13.546 | VV | 219369 | 3939980 | 82.53%  | 3.642% |
| 184    | 13.564 | 13.546 | 13.592 | VV | 51942  | 1103014 | 23.10%  | 1.019% |
| 185    | 13.622 | 13.592 | 13.697 | VV | 39187  | 2065037 | 43.26%  | 1.909% |
| 186    | 13.739 | 13.697 | 13.762 | VV | 38049  | 1299848 | 27.23%  | 1.201% |
| 187    | 13.801 | 13.762 | 13.825 | VV | 37911  | 1228774 | 25.74%  | 1.136% |
| 188    | 13.851 | 13.825 | 13.882 | VV | 40752  | 1181395 | 24.75%  | 1.092% |
| 189    | 13.897 | 13.882 | 13.916 | VV | 32421  | 633148  | 13.26%  | 0.585% |
| 190    | 13.928 | 13.916 | 13.948 | VV | 31019  | 580516  | 12.16%  | 0.537% |
| 191    | 13.972 | 13.948 | 13.998 | VV | 51441  | 1124840 | 23.56%  | 1.040% |
| 192    | 14.013 | 13.998 | 14.028 | VV | 30076  | 525295  | 11.00%  | 0.486% |
| 193    | 14.034 | 14.028 | 14.058 | VV | 28826  | 506435  | 10.61%  | 0.468% |
| 194    | 14.083 | 14.058 | 14.118 | VV | 31843  | 1049210 | 21.98%  | 0.970% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 14.139 | 14.118 | 14.148 | VV | 28620  | 514962  | 10.79% | 0.476% |
| 196 | 14.164 | 14.148 | 14.189 | VV | 28850  | 694544  | 14.55% | 0.642% |
| 197 | 14.211 | 14.189 | 14.231 | VV | 32800  | 760857  | 15.94% | 0.703% |
| 198 | 14.242 | 14.231 | 14.262 | VV | 28741  | 505997  | 10.60% | 0.468% |
| 199 | 14.300 | 14.262 | 14.331 | VV | 50952  | 1451387 | 30.40% | 1.341% |
| 200 | 14.340 | 14.331 | 14.375 | VV | 27535  | 682774  | 14.30% | 0.631% |
| 201 | 14.413 | 14.375 | 14.423 | VV | 26619  | 739786  | 15.50% | 0.684% |
| 202 | 14.442 | 14.423 | 14.476 | VV | 28175  | 822342  | 17.23% | 0.760% |
| 203 | 14.512 | 14.476 | 14.551 | VV | 25925  | 1116477 | 23.39% | 1.032% |
| 204 | 14.577 | 14.551 | 14.594 | VV | 36825  | 780599  | 16.35% | 0.721% |
| 205 | 14.609 | 14.594 | 14.634 | VV | 34427  | 675228  | 14.14% | 0.624% |
| 206 | 14.655 | 14.634 | 14.694 | VV | 24337  | 837017  | 17.53% | 0.774% |
| 207 | 14.704 | 14.694 | 14.722 | VV | 22888  | 374786  | 7.85%  | 0.346% |
| 208 | 14.743 | 14.722 | 14.781 | VV | 24147  | 796898  | 16.69% | 0.737% |
| 209 | 14.802 | 14.781 | 14.859 | VV | 24916  | 1035114 | 21.68% | 0.957% |
| 210 | 14.894 | 14.859 | 14.921 | VV | 37922  | 973425  | 20.39% | 0.900% |
| 211 | 14.936 | 14.921 | 14.969 | VV | 22569  | 611322  | 12.81% | 0.565% |
| 212 | 14.978 | 14.969 | 15.035 | VV | 20172  | 754828  | 15.81% | 0.698% |
| 213 | 15.044 | 15.035 | 15.061 | VV | 18388  | 287215  | 6.02%  | 0.265% |
| 214 | 15.069 | 15.061 | 15.085 | VV | 17939  | 248300  | 5.20%  | 0.229% |
| 215 | 15.109 | 15.085 | 15.129 | VV | 18815  | 482326  | 10.10% | 0.446% |
| 216 | 15.139 | 15.129 | 15.158 | VV | 17835  | 300467  | 6.29%  | 0.278% |
| 217 | 15.174 | 15.158 | 15.198 | VV | 20561  | 439239  | 9.20%  | 0.406% |
| 218 | 15.209 | 15.198 | 15.235 | VV | 16717  | 367253  | 7.69%  | 0.339% |
| 219 | 15.243 | 15.235 | 15.263 | VV | 16235  | 266114  | 5.57%  | 0.246% |
| 220 | 15.274 | 15.263 | 15.295 | VV | 15854  | 296392  | 6.21%  | 0.274% |
| 221 | 15.329 | 15.295 | 15.352 | VV | 15782  | 524609  | 10.99% | 0.485% |
| 222 | 15.372 | 15.352 | 15.407 | VV | 16452  | 503435  | 10.55% | 0.465% |
| 223 | 15.427 | 15.407 | 15.464 | VV | 14621  | 473075  | 9.91%  | 0.437% |
| 224 | 15.484 | 15.464 | 15.507 | VV | 15825  | 374299  | 7.84%  | 0.346% |
| 225 | 15.518 | 15.507 | 15.554 | VV | 13611  | 365279  | 7.65%  | 0.338% |
| 226 | 15.576 | 15.554 | 15.598 | VV | 12341  | 317841  | 6.66%  | 0.294% |
| 227 | 15.613 | 15.598 | 15.686 | VV | 12003  | 609221  | 12.76% | 0.563% |
| 228 | 15.718 | 15.686 | 15.736 | VV | 13208  | 352179  | 7.38%  | 0.326% |
| 229 | 15.763 | 15.736 | 15.849 | VV | 18399  | 826347  | 17.31% | 0.764% |
| 230 | 15.862 | 15.849 | 15.884 | VV | 10178  | 202534  | 4.24%  | 0.187% |
| 231 | 15.896 | 15.884 | 15.901 | VV | 9695   | 99350   | 2.08%  | 0.092% |
| 232 | 15.920 | 15.901 | 15.941 | VV | 9931   | 230359  | 4.83%  | 0.213% |
| 233 | 15.961 | 15.941 | 15.974 | VV | 9246   | 175911  | 3.68%  | 0.163% |
| 234 | 16.006 | 15.974 | 16.033 | VV | 10149  | 319220  | 6.69%  | 0.295% |
| 235 | 16.049 | 16.033 | 16.119 | VV | 8062   | 374924  | 7.85%  | 0.347% |
| 236 | 16.133 | 16.119 | 16.155 | VV | 7100   | 148747  | 3.12%  | 0.137% |
| 237 | 16.167 | 16.155 | 16.194 | VV | 6989   | 160135  | 3.35%  | 0.148% |
| 238 | 16.223 | 16.194 | 16.275 | VV | 6992   | 312504  | 6.55%  | 0.289% |
| 239 | 16.289 | 16.275 | 16.338 | VV | 6019   | 214915  | 4.50%  | 0.199% |
| 240 | 16.355 | 16.338 | 16.366 | VV | 5523   | 90318   | 1.89%  | 0.083% |
| 241 | 16.374 | 16.366 | 16.387 | VV | 5573   | 67591   | 1.42%  | 0.062% |
| 242 | 16.404 | 16.387 | 16.426 | VV | 5810   | 125843  | 2.64%  | 0.116% |
| 243 | 16.435 | 16.426 | 16.584 | VV | 5403   | 417609  | 8.75%  | 0.386% |
| 244 | 16.606 | 16.584 | 16.665 | VV | 4578   | 186504  | 3.91%  | 0.172% |
| 245 | 16.681 | 16.665 | 16.695 | VV | 3587   | 62272   | 1.30%  | 0.058% |
| 246 | 16.725 | 16.695 | 16.758 | VV | 3984   | 136561  | 2.86%  | 0.126% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 247 | 16.780 | 16.758 | 16.841 | VV | 4811   | 173951 | 3.64% | 0.161% |
| 248 | 16.888 | 16.841 | 16.955 | VV | 6495   | 227563 | 4.77% | 0.210% |
| 249 | 16.971 | 16.955 | 16.996 | VV | 3518   | 67526  | 1.41% | 0.062% |
| 250 | 17.024 | 16.996 | 17.065 | VV | 2353   | 83828  | 1.76% | 0.077% |
|     |        |        |        |    |        |        |       |        |
| 251 | 17.085 | 17.065 | 17.128 | VV | 2094   | 70995  | 1.49% | 0.066% |
| 252 | 17.140 | 17.128 | 17.185 | VV | 1955   | 56061  | 1.17% | 0.052% |
| 253 | 17.212 | 17.185 | 17.238 | VV | 3177   | 67972  | 1.42% | 0.063% |
| 254 | 17.267 | 17.238 | 17.297 | VV | 2112   | 56611  | 1.19% | 0.052% |
| 255 | 17.316 | 17.297 | 17.331 | VV | 1415   | 26290  | 0.55% | 0.024% |
|     |        |        |        |    |        |        |       |        |
| 256 | 17.354 | 17.331 | 17.381 | VV | 3505   | 68970  | 1.44% | 0.064% |
| 257 | 17.403 | 17.381 | 17.456 | VV | 4035   | 101324 | 2.12% | 0.094% |
| 258 | 17.471 | 17.456 | 17.497 | VV | 978    | 22556  | 0.47% | 0.021% |
| 259 | 17.523 | 17.497 | 17.548 | VV | 1740   | 36304  | 0.76% | 0.034% |
| 260 | 17.579 | 17.548 | 17.592 | VV | 849    | 20312  | 0.43% | 0.019% |
|     |        |        |        |    |        |        |       |        |
| 261 | 17.600 | 17.592 | 17.610 | VV | 755    | 8031   | 0.17% | 0.007% |
| 262 | 17.630 | 17.610 | 17.665 | VV | 844    | 22736  | 0.48% | 0.021% |
| 263 | 17.725 | 17.665 | 17.777 | VV | 2225   | 72968  | 1.53% | 0.067% |
| 264 | 17.805 | 17.777 | 17.837 | VV | 6457   | 95809  | 2.01% | 0.089% |
| 265 | 17.849 | 17.837 | 17.871 | VV | 428    | 6923   | 0.15% | 0.006% |
|     |        |        |        |    |        |        |       |        |
| 266 | 17.897 | 17.871 | 17.916 | VV | 916    | 16482  | 0.35% | 0.015% |
| 267 | 17.937 | 17.916 | 17.970 | VV | 700    | 15352  | 0.32% | 0.014% |
| 268 | 17.980 | 17.970 | 18.008 | VV | 376    | 5259   | 0.11% | 0.005% |
| 269 | 18.036 | 18.008 | 18.072 | VV | 407    | 7487   | 0.16% | 0.007% |
| 270 | 18.086 | 18.072 | 18.108 | PV | 164    | 2078   | 0.04% | 0.002% |
|     |        |        |        |    |        |        |       |        |
| 271 | 18.118 | 18.108 | 18.127 | VV | 126    | 995    | 0.02% | 0.001% |
| 272 | 18.199 | 18.127 | 18.214 | PV | 866    | 20084  | 0.42% | 0.019% |
| 273 | 18.243 | 18.214 | 18.278 | VV | 7079   | 103087 | 2.16% | 0.095% |
| 274 | 18.334 | 18.278 | 18.359 | VV | 1878   | 29913  | 0.63% | 0.028% |
| 275 | 18.375 | 18.359 | 18.395 | VV | 253    | 3499   | 0.07% | 0.003% |
|     |        |        |        |    |        |        |       |        |
| 276 | 18.410 | 18.395 | 18.421 | VV | 477    | 5342   | 0.11% | 0.005% |
| 277 | 18.440 | 18.421 | 18.468 | VV | 598    | 9368   | 0.20% | 0.009% |
| 278 | 18.486 | 18.468 | 18.504 | VV | 615    | 7747   | 0.16% | 0.007% |
| 279 | 18.608 | 18.504 | 18.627 | VV | 4541   | 104378 | 2.19% | 0.096% |
| 280 | 18.667 | 18.627 | 18.715 | VV | 10262  | 191076 | 4.00% | 0.177% |
|     |        |        |        |    |        |        |       |        |
| 281 | 18.770 | 18.715 | 18.790 | VV | 1009   | 22787  | 0.48% | 0.021% |
| 282 | 18.805 | 18.790 | 18.851 | VV | 697    | 14108  | 0.30% | 0.013% |
| 283 | 18.897 | 18.851 | 18.921 | PV | 1846   | 31617  | 0.66% | 0.029% |
| 284 | 18.933 | 18.921 | 18.950 | VV | 702    | 9455   | 0.20% | 0.009% |
| 285 | 18.971 | 18.950 | 19.001 | VV | 505    | 11165  | 0.23% | 0.010% |
|     |        |        |        |    |        |        |       |        |
| 286 | 19.078 | 19.001 | 19.140 | VV | 11270  | 174188 | 3.65% | 0.161% |
| 287 | 19.178 | 19.140 | 19.215 | PV | 2336   | 40500  | 0.85% | 0.037% |
| 288 | 19.220 | 19.215 | 19.267 | VV | 919    | 9260   | 0.19% | 0.009% |
| 289 | 19.294 | 19.267 | 19.314 | VV | 1220   | 16269  | 0.34% | 0.015% |
| 290 | 19.337 | 19.314 | 19.353 | VV | 507    | 8057   | 0.17% | 0.007% |
|     |        |        |        |    |        |        |       |        |
| 291 | 19.379 | 19.353 | 19.394 | VV | 372    | 6217   | 0.13% | 0.006% |
| 292 | 19.475 | 19.394 | 19.526 | VV | 10792  | 249688 | 5.23% | 0.231% |
| 293 | 19.575 | 19.526 | 19.601 | VV | 1503   | 42277  | 0.89% | 0.039% |
| 294 | 19.627 | 19.601 | 19.650 | VV | 1767   | 33192  | 0.70% | 0.031% |
| 295 | 19.675 | 19.650 | 19.688 | VV | 858    | 17781  | 0.37% | 0.016% |
|     |        |        |        |    |        |        |       |        |
| 296 | 19.733 | 19.688 | 19.754 | VV | 1642   | 48581  | 1.02% | 0.045% |
| 297 | 19.781 | 19.754 | 19.801 | VV | 1654   | 38942  | 0.82% | 0.036% |
| 298 | 19.862 | 19.801 | 19.891 | VV | 9986   | 194060 | 4.06% | 0.179% |
| 299 | 19.937 | 19.891 | 19.956 | VV | 4854   | 102263 | 2.14% | 0.095% |

|                         |        |        |        |    |           |        |       |        |
|-------------------------|--------|--------|--------|----|-----------|--------|-------|--------|
|                         |        |        |        |    | rteres    |        |       |        |
| 300                     | 19.973 | 19.956 | 20.015 | VV | 3246      | 80783  | 1.69% | 0.075% |
| 301                     | 20.051 | 20.015 | 20.074 | VV | 2882      | 78704  | 1.65% | 0.073% |
| 302                     | 20.108 | 20.074 | 20.125 | VV | 2515      | 70023  | 1.47% | 0.065% |
| 303                     | 20.151 | 20.125 | 20.187 | VV | 2784      | 86064  | 1.80% | 0.080% |
| 304                     | 20.238 | 20.187 | 20.268 | VV | 11492     | 239664 | 5.02% | 0.222% |
| 305                     | 20.341 | 20.268 | 20.363 | VV | 3810      | 189110 | 3.96% | 0.175% |
| 306                     | 20.429 | 20.363 | 20.438 | VV | 4497      | 179199 | 3.75% | 0.166% |
| 307                     | 20.474 | 20.438 | 20.489 | VV | 5815      | 154151 | 3.23% | 0.142% |
| 308                     | 20.512 | 20.489 | 20.534 | VV | 6069      | 153153 | 3.21% | 0.142% |
| 309                     | 20.643 | 20.636 | 20.660 | VV | 6288      | 86785  | 1.82% | 0.080% |
| 310                     | 20.925 | 20.910 | 20.942 | VV | 6973      | 130196 | 2.73% | 0.120% |
| 311                     | 20.972 | 20.942 | 21.017 | VV | 10792     | 358509 | 7.51% | 0.331% |
| 312                     | 21.092 | 21.017 | 21.105 | VV | 6686      | 338040 | 7.08% | 0.312% |
| 313                     | 21.151 | 21.105 | 21.197 | VV | 7374      | 390399 | 8.18% | 0.361% |
| 314                     | 21.232 | 21.197 | 21.250 | VV | 6909      | 214194 | 4.49% | 0.198% |
| 315                     | 21.454 | 21.445 | 21.535 | VV | 6044      | 300330 | 6.29% | 0.278% |
| 316                     | 21.550 | 21.535 | 21.561 | VV | 5078      | 80491  | 1.69% | 0.074% |
| 317                     | 21.618 | 21.561 | 21.647 | VV | 5293      | 263350 | 5.52% | 0.243% |
| 318                     | 21.723 | 21.711 | 21.802 | VV | 4340      | 203003 | 4.25% | 0.188% |
| 319                     | 22.023 | 21.951 | 22.031 | VV | 1770      | 77644  | 1.63% | 0.072% |
| 320                     | 22.073 | 22.031 | 22.157 | VV | 1666      | 105840 | 2.22% | 0.098% |
| 321                     | 22.233 | 22.157 | 22.321 | VV | 1248      | 74598  | 1.56% | 0.069% |
| Sum of corrected areas: |        |        |        |    | 108191944 |        |       |        |

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