

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC090420AL\  
 Data File : FC049444.D  
 Signal(s) : FID1A.CH  
 Acq On : 04 Sep 2020 15:19  
 Sample : L3871-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 080720.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         | 3.403       | 3.352        | 3.416      | BV       | 972            | 8212         | 0.34%          | 0.013%        |
| 2         | 3.424       | 3.416        | 3.476      | VV       | 400            | 5418         | 0.22%          | 0.009%        |
| 3         | 3.503       | 3.476        | 3.516      | PV       | 100            | 1540         | 0.06%          | 0.002%        |
| 4         | 3.532       | 3.516        | 3.547      | VV       | 270            | 3059         | 0.13%          | 0.005%        |
| 5         | 3.558       | 3.547        | 3.571      | VV       | 219            | 2617         | 0.11%          | 0.004%        |
| 6         | 3.606       | 3.571        | 3.634      | VV       | 278            | 6187         | 0.25%          | 0.010%        |
| 7         | 3.649       | 3.634        | 3.659      | VV       | 253            | 2377         | 0.10%          | 0.004%        |
| 8         | 3.677       | 3.659        | 3.707      | VV       | 612            | 8756         | 0.36%          | 0.014%        |
| 9         | 3.727       | 3.707        | 3.751      | PV       | 325            | 5287         | 0.22%          | 0.008%        |
| 10        | 3.779       | 3.751        | 3.827      | VV       | 789            | 16036        | 0.66%          | 0.026%        |
| 11        | 3.852       | 3.827        | 3.871      | VV       | 733            | 9458         | 0.39%          | 0.015%        |
| 12        | 3.876       | 3.871        | 3.890      | VV       | 281            | 2401         | 0.10%          | 0.004%        |
| 13        | 3.905       | 3.890        | 3.937      | VV       | 424            | 6047         | 0.25%          | 0.010%        |
| 14        | 3.953       | 3.937        | 3.972      | VV       | 661            | 6162         | 0.25%          | 0.010%        |
| 15        | 4.001       | 3.972        | 4.046      | VV       | 551            | 13660        | 0.56%          | 0.022%        |
| 16        | 4.077       | 4.046        | 4.094      | VV       | 891            | 11410        | 0.47%          | 0.018%        |
| 17        | 4.106       | 4.094        | 4.129      | VV       | 721            | 8253         | 0.34%          | 0.013%        |
| 18        | 4.143       | 4.129        | 4.154      | VV       | 567            | 6231         | 0.26%          | 0.010%        |
| 19        | 4.174       | 4.154        | 4.198      | VV       | 949            | 13294        | 0.55%          | 0.021%        |
| 20        | 4.220       | 4.198        | 4.233      | VV       | 390            | 5408         | 0.22%          | 0.009%        |
| 21        | 4.258       | 4.233        | 4.271      | VV       | 820            | 11256        | 0.46%          | 0.018%        |
| 22        | 4.286       | 4.271        | 4.317      | VV       | 837            | 14792        | 0.61%          | 0.024%        |
| 23        | 4.324       | 4.317        | 4.365      | VV       | 495            | 6513         | 0.27%          | 0.010%        |
| 24        | 4.400       | 4.365        | 4.419      | PV       | 980            | 15982        | 0.66%          | 0.026%        |
| 25        | 4.437       | 4.419        | 4.457      | VV       | 621            | 10155        | 0.42%          | 0.016%        |
| 26        | 4.479       | 4.457        | 4.539      | VV       | 2967           | 39858        | 1.64%          | 0.064%        |
| 27        | 4.552       | 4.539        | 4.584      | VV       | 491            | 8648         | 0.36%          | 0.014%        |
| 28        | 4.595       | 4.584        | 4.616      | VV       | 267            | 4374         | 0.18%          | 0.007%        |
| 29        | 4.639       | 4.616        | 4.667      | VV       | 668            | 15058        | 0.62%          | 0.024%        |
| 30        | 4.682       | 4.667        | 4.717      | VV       | 1131           | 20663        | 0.85%          | 0.033%        |
| 31        | 4.734       | 4.717        | 4.749      | VV       | 1769           | 18028        | 0.74%          | 0.029%        |
| 32        | 4.766       | 4.749        | 4.798      | VV       | 1776           | 27251        | 1.12%          | 0.044%        |
| 33        | 4.812       | 4.798        | 4.842      | VV       | 1032           | 19442        | 0.80%          | 0.031%        |
| 34        | 4.865       | 4.842        | 4.877      | VV       | 1215           | 18500        | 0.76%          | 0.030%        |
| 35        | 4.892       | 4.877        | 4.909      | VV       | 1369           | 17998        | 0.74%          | 0.029%        |
| 36        | 4.918       | 4.909        | 4.938      | VV       | 491            | 7721         | 0.32%          | 0.012%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 4.959 | 4.938 | 4.979 | VV | 1625   | 20520 | 0.84% | 0.033% |
| 38 | 5.003 | 4.979 | 5.017 | VV | 622    | 10028 | 0.41% | 0.016% |
| 39 | 5.035 | 5.017 | 5.055 | VV | 785    | 13275 | 0.55% | 0.021% |
| 40 | 5.069 | 5.055 | 5.077 | VV | 998    | 10215 | 0.42% | 0.016% |
| 41 | 5.087 | 5.077 | 5.099 | VV | 1021   | 11411 | 0.47% | 0.018% |
| 42 | 5.115 | 5.099 | 5.143 | VV | 2410   | 30725 | 1.26% | 0.049% |
| 43 | 5.171 | 5.143 | 5.192 | VV | 1827   | 28411 | 1.17% | 0.045% |
| 44 | 5.223 | 5.192 | 5.266 | VV | 1338   | 34785 | 1.43% | 0.056% |
| 45 | 5.291 | 5.266 | 5.304 | VV | 854    | 14003 | 0.57% | 0.022% |
| 46 | 5.324 | 5.304 | 5.367 | VV | 1198   | 31430 | 1.29% | 0.050% |
| 47 | 5.382 | 5.367 | 5.392 | VV | 798    | 10653 | 0.44% | 0.017% |
| 48 | 5.418 | 5.392 | 5.459 | VV | 3121   | 50931 | 2.09% | 0.082% |
| 49 | 5.472 | 5.459 | 5.497 | VV | 1008   | 16693 | 0.69% | 0.027% |
| 50 | 5.520 | 5.497 | 5.538 | VV | 4168   | 47498 | 1.95% | 0.076% |
| 51 | 5.555 | 5.538 | 5.573 | VV | 2341   | 34412 | 1.41% | 0.055% |
| 52 | 5.588 | 5.573 | 5.606 | VV | 2987   | 31630 | 1.30% | 0.051% |
| 53 | 5.616 | 5.606 | 5.632 | VV | 960    | 10914 | 0.45% | 0.017% |
| 54 | 5.656 | 5.632 | 5.666 | VV | 626    | 11265 | 0.46% | 0.018% |
| 55 | 5.679 | 5.666 | 5.689 | VV | 678    | 8078  | 0.33% | 0.013% |
| 56 | 5.711 | 5.689 | 5.746 | VV | 2556   | 39832 | 1.64% | 0.064% |
| 57 | 5.761 | 5.746 | 5.777 | VV | 506    | 8216  | 0.34% | 0.013% |
| 58 | 5.821 | 5.777 | 5.855 | VV | 1185   | 32754 | 1.34% | 0.052% |
| 59 | 5.869 | 5.855 | 5.881 | VV | 622    | 6965  | 0.29% | 0.011% |
| 60 | 5.890 | 5.881 | 5.902 | VV | 459    | 4533  | 0.19% | 0.007% |
| 61 | 5.924 | 5.902 | 5.957 | VV | 799    | 16189 | 0.66% | 0.026% |
| 62 | 5.975 | 5.957 | 5.999 | PV | 839    | 11889 | 0.49% | 0.019% |
| 63 | 6.023 | 5.999 | 6.041 | VV | 1053   | 14598 | 0.60% | 0.023% |
| 64 | 6.077 | 6.041 | 6.102 | VV | 1082   | 23869 | 0.98% | 0.038% |
| 65 | 6.120 | 6.102 | 6.142 | VV | 1204   | 15593 | 0.64% | 0.025% |
| 66 | 6.164 | 6.142 | 6.197 | VV | 1024   | 22094 | 0.91% | 0.035% |
| 67 | 6.223 | 6.197 | 6.239 | VV | 1146   | 17289 | 0.71% | 0.028% |
| 68 | 6.265 | 6.239 | 6.289 | VV | 716    | 15794 | 0.65% | 0.025% |
| 69 | 6.317 | 6.289 | 6.334 | VV | 866    | 15702 | 0.64% | 0.025% |
| 70 | 6.346 | 6.334 | 6.371 | VV | 934    | 13859 | 0.57% | 0.022% |
| 71 | 6.387 | 6.371 | 6.406 | VV | 1065   | 14264 | 0.59% | 0.023% |
| 72 | 6.439 | 6.406 | 6.454 | VV | 975    | 18906 | 0.78% | 0.030% |
| 73 | 6.469 | 6.454 | 6.478 | VV | 776    | 9597  | 0.39% | 0.015% |
| 74 | 6.504 | 6.478 | 6.554 | VV | 7462   | 94126 | 3.86% | 0.151% |
| 75 | 6.566 | 6.554 | 6.587 | VV | 758    | 8829  | 0.36% | 0.014% |
| 76 | 6.609 | 6.587 | 6.634 | VV | 564    | 9295  | 0.38% | 0.015% |
| 77 | 6.653 | 6.634 | 6.679 | VV | 2248   | 31745 | 1.30% | 0.051% |
| 78 | 6.698 | 6.679 | 6.717 | VV | 1076   | 18330 | 0.75% | 0.029% |
| 79 | 6.727 | 6.717 | 6.757 | VV | 423    | 5202  | 0.21% | 0.008% |
| 80 | 6.779 | 6.757 | 6.806 | VV | 915    | 12035 | 0.49% | 0.019% |
| 81 | 6.834 | 6.806 | 6.879 | VV | 1058   | 24111 | 0.99% | 0.039% |
| 82 | 6.896 | 6.879 | 6.928 | VV | 543    | 9460  | 0.39% | 0.015% |
| 83 | 6.966 | 6.928 | 6.992 | VV | 652    | 14662 | 0.60% | 0.023% |
| 84 | 7.011 | 6.992 | 7.049 | VV | 1314   | 27904 | 1.15% | 0.045% |
| 85 | 7.064 | 7.049 | 7.093 | VV | 1211   | 17581 | 0.72% | 0.028% |
| 86 | 7.109 | 7.093 | 7.147 | VV | 1141   | 18152 | 0.75% | 0.029% |
| 87 | 7.165 | 7.147 | 7.187 | VV | 1244   | 14567 | 0.60% | 0.023% |
| 88 | 7.208 | 7.187 | 7.252 | PV | 2557   | 39390 | 1.62% | 0.063% |
| 89 | 7.265 | 7.252 | 7.277 | VV | 730    | 6988  | 0.29% | 0.011% |

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|-----|-------|-------|-------|----|--------|--------|--------|--------|
|     |       |       |       |    | rteres |        |        |        |
| 90  | 7.311 | 7.277 | 7.331 | VV | 1448   | 26410  | 1.08%  | 0.042% |
| 91  | 7.357 | 7.331 | 7.376 | VV | 712    | 14939  | 0.61%  | 0.024% |
| 92  | 7.394 | 7.376 | 7.409 | VV | 997    | 15827  | 0.65%  | 0.025% |
| 93  | 7.429 | 7.409 | 7.466 | VV | 6717   | 79756  | 3.27%  | 0.128% |
| 94  | 7.488 | 7.466 | 7.507 | VV | 669    | 11937  | 0.49%  | 0.019% |
| 95  | 7.550 | 7.507 | 7.579 | VV | 634    | 19626  | 0.81%  | 0.031% |
| 96  | 7.604 | 7.579 | 7.637 | VV | 1823   | 34645  | 1.42%  | 0.055% |
| 97  | 7.642 | 7.637 | 7.672 | VV | 481    | 5255   | 0.22%  | 0.008% |
| 98  | 7.692 | 7.672 | 7.714 | PV | 1104   | 13201  | 0.54%  | 0.021% |
| 99  | 7.736 | 7.714 | 7.759 | VV | 970    | 20404  | 0.84%  | 0.033% |
| 100 | 7.774 | 7.759 | 7.807 | VV | 1409   | 24833  | 1.02%  | 0.040% |
| 101 | 7.820 | 7.807 | 7.842 | VV | 1126   | 13803  | 0.57%  | 0.022% |
| 102 | 7.881 | 7.842 | 7.899 | VV | 1722   | 37363  | 1.53%  | 0.060% |
| 103 | 7.909 | 7.899 | 7.928 | VV | 1523   | 18041  | 0.74%  | 0.029% |
| 104 | 7.951 | 7.928 | 7.971 | VV | 1701   | 23363  | 0.96%  | 0.037% |
| 105 | 7.997 | 7.971 | 8.026 | VV | 2270   | 39108  | 1.61%  | 0.063% |
| 106 | 8.052 | 8.026 | 8.082 | VV | 2580   | 39806  | 1.63%  | 0.064% |
| 107 | 8.122 | 8.082 | 8.146 | VV | 4741   | 64287  | 2.64%  | 0.103% |
| 108 | 8.180 | 8.146 | 8.199 | VV | 1516   | 36419  | 1.50%  | 0.058% |
| 109 | 8.215 | 8.199 | 8.232 | VV | 1955   | 28952  | 1.19%  | 0.046% |
| 110 | 8.261 | 8.232 | 8.274 | VV | 1434   | 31525  | 1.29%  | 0.050% |
| 111 | 8.301 | 8.274 | 8.334 | VV | 17241  | 207520 | 8.52%  | 0.332% |
| 112 | 8.350 | 8.334 | 8.370 | VV | 1607   | 22698  | 0.93%  | 0.036% |
| 113 | 8.397 | 8.370 | 8.430 | VV | 1246   | 30550  | 1.25%  | 0.049% |
| 114 | 8.472 | 8.430 | 8.511 | VV | 2107   | 60489  | 2.48%  | 0.097% |
| 115 | 8.523 | 8.511 | 8.541 | VV | 1005   | 14327  | 0.59%  | 0.023% |
| 116 | 8.554 | 8.541 | 8.567 | VV | 784    | 10582  | 0.43%  | 0.017% |
| 117 | 8.587 | 8.567 | 8.612 | VV | 1242   | 26310  | 1.08%  | 0.042% |
| 118 | 8.627 | 8.612 | 8.646 | VV | 1081   | 16381  | 0.67%  | 0.026% |
| 119 | 8.664 | 8.646 | 8.688 | VV | 2077   | 38006  | 1.56%  | 0.061% |
| 120 | 8.713 | 8.688 | 8.736 | VV | 2031   | 48189  | 1.98%  | 0.077% |
| 121 | 8.766 | 8.736 | 8.782 | VV | 2380   | 50747  | 2.08%  | 0.081% |
| 122 | 8.795 | 8.782 | 8.816 | VV | 2241   | 37806  | 1.55%  | 0.061% |
| 123 | 8.839 | 8.816 | 8.866 | VV | 9573   | 126973 | 5.21%  | 0.203% |
| 124 | 8.891 | 8.866 | 8.909 | VV | 2809   | 46892  | 1.93%  | 0.075% |
| 125 | 8.919 | 8.909 | 8.946 | VV | 1687   | 25171  | 1.03%  | 0.040% |
| 126 | 8.986 | 8.946 | 9.002 | VV | 1912   | 43007  | 1.77%  | 0.069% |
| 127 | 9.023 | 9.002 | 9.042 | VV | 1930   | 36992  | 1.52%  | 0.059% |
| 128 | 9.067 | 9.042 | 9.089 | VV | 2257   | 54665  | 2.24%  | 0.088% |
| 129 | 9.125 | 9.089 | 9.174 | VV | 20919  | 293973 | 12.07% | 0.471% |
| 130 | 9.210 | 9.174 | 9.234 | VV | 2515   | 51963  | 2.13%  | 0.083% |
| 131 | 9.263 | 9.234 | 9.302 | VV | 1430   | 45358  | 1.86%  | 0.073% |
| 132 | 9.363 | 9.302 | 9.399 | VV | 1734   | 65333  | 2.68%  | 0.105% |
| 133 | 9.422 | 9.399 | 9.446 | VV | 1371   | 31698  | 1.30%  | 0.051% |
| 134 | 9.453 | 9.446 | 9.469 | VV | 1027   | 12881  | 0.53%  | 0.021% |
| 135 | 9.502 | 9.469 | 9.559 | VV | 5701   | 155262 | 6.38%  | 0.249% |
| 136 | 9.584 | 9.559 | 9.606 | VV | 3806   | 66667  | 2.74%  | 0.107% |
| 137 | 9.631 | 9.606 | 9.650 | VV | 3855   | 62519  | 2.57%  | 0.100% |
| 138 | 9.684 | 9.650 | 9.712 | VV | 3747   | 77354  | 3.18%  | 0.124% |
| 139 | 9.745 | 9.712 | 9.787 | VV | 1099   | 36612  | 1.50%  | 0.059% |
| 140 | 9.823 | 9.787 | 9.839 | VV | 1701   | 34255  | 1.41%  | 0.055% |
| 141 | 9.863 | 9.839 | 9.879 | VV | 2864   | 52456  | 2.15%  | 0.084% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 142 | 9.905  | 9.879  | 9.950  | VV | 27763  | 353641 | 14.52% | 0.566% |
| 143 | 9.971  | 9.950  | 9.997  | VV | 2225   | 52238  | 2.14%  | 0.084% |
| 144 | 10.007 | 9.997  | 10.059 | VV | 1972   | 50974  | 2.09%  | 0.082% |
| 145 | 10.080 | 10.059 | 10.099 | VV | 1179   | 23702  | 0.97%  | 0.038% |
| 146 | 10.120 | 10.099 | 10.160 | VV | 1400   | 42009  | 1.72%  | 0.067% |
| 147 | 10.182 | 10.160 | 10.205 | VV | 1429   | 30213  | 1.24%  | 0.048% |
| 148 | 10.252 | 10.205 | 10.265 | VV | 3407   | 63345  | 2.60%  | 0.101% |
| 149 | 10.294 | 10.265 | 10.322 | VV | 11535  | 183911 | 7.55%  | 0.295% |
| 150 | 10.344 | 10.322 | 10.364 | VV | 3275   | 56782  | 2.33%  | 0.091% |
| 151 | 10.383 | 10.364 | 10.414 | VV | 3941   | 69328  | 2.85%  | 0.111% |
| 152 | 10.439 | 10.414 | 10.469 | VV | 4056   | 68607  | 2.82%  | 0.110% |
| 153 | 10.493 | 10.469 | 10.516 | VV | 943    | 20585  | 0.85%  | 0.033% |
| 154 | 10.546 | 10.516 | 10.554 | VV | 1349   | 23047  | 0.95%  | 0.037% |
| 155 | 10.573 | 10.554 | 10.609 | VV | 2053   | 46393  | 1.90%  | 0.074% |
| 156 | 10.643 | 10.609 | 10.686 | VV | 28427  | 369108 | 15.16% | 0.591% |
| 157 | 10.716 | 10.686 | 10.797 | VV | 11344  | 242117 | 9.94%  | 0.388% |
| 158 | 10.861 | 10.797 | 10.877 | VV | 1368   | 50753  | 2.08%  | 0.081% |
| 159 | 10.900 | 10.877 | 10.941 | VV | 1447   | 42693  | 1.75%  | 0.068% |
| 160 | 10.966 | 10.941 | 11.002 | VV | 2930   | 81180  | 3.33%  | 0.130% |
| 161 | 11.038 | 11.002 | 11.081 | VV | 4379   | 123849 | 5.09%  | 0.198% |
| 162 | 11.099 | 11.081 | 11.124 | VV | 3409   | 50094  | 2.06%  | 0.080% |
| 163 | 11.150 | 11.124 | 11.186 | VV | 3057   | 55583  | 2.28%  | 0.089% |
| 164 | 11.204 | 11.186 | 11.229 | VV | 1052   | 23975  | 0.98%  | 0.038% |
| 165 | 11.281 | 11.229 | 11.319 | VV | 1530   | 61610  | 2.53%  | 0.099% |
| 166 | 11.347 | 11.319 | 11.382 | VV | 26804  | 335121 | 13.76% | 0.537% |
| 167 | 11.391 | 11.382 | 11.407 | VV | 1769   | 23368  | 0.96%  | 0.037% |
| 168 | 11.438 | 11.407 | 11.484 | VV | 10056  | 169336 | 6.95%  | 0.271% |
| 169 | 11.504 | 11.484 | 11.526 | VV | 1167   | 20462  | 0.84%  | 0.033% |
| 170 | 11.544 | 11.526 | 11.572 | VV | 903    | 16626  | 0.68%  | 0.027% |
| 171 | 11.590 | 11.572 | 11.601 | VV | 1074   | 13771  | 0.57%  | 0.022% |
| 172 | 11.644 | 11.601 | 11.687 | VV | 3042   | 94592  | 3.88%  | 0.151% |
| 173 | 11.701 | 11.687 | 11.720 | VV | 1809   | 27077  | 1.11%  | 0.043% |
| 174 | 11.744 | 11.720 | 11.766 | VV | 3393   | 56051  | 2.30%  | 0.090% |
| 175 | 11.780 | 11.766 | 11.812 | VV | 2470   | 41921  | 1.72%  | 0.067% |
| 176 | 11.832 | 11.812 | 11.850 | VV | 2543   | 38262  | 1.57%  | 0.061% |
| 177 | 11.862 | 11.850 | 11.886 | VV | 1547   | 21781  | 0.89%  | 0.035% |
| 178 | 11.903 | 11.886 | 11.928 | VV | 1231   | 23712  | 0.97%  | 0.038% |
| 179 | 11.954 | 11.928 | 11.966 | VV | 1141   | 21255  | 0.87%  | 0.034% |
| 180 | 12.016 | 11.966 | 12.049 | VV | 21781  | 334625 | 13.74% | 0.536% |
| 181 | 12.061 | 12.049 | 12.081 | VV | 1516   | 24402  | 1.00%  | 0.039% |
| 182 | 12.088 | 12.081 | 12.116 | VV | 1381   | 24631  | 1.01%  | 0.039% |
| 183 | 12.135 | 12.116 | 12.197 | VV | 1247   | 43359  | 1.78%  | 0.069% |
| 184 | 12.234 | 12.197 | 12.256 | VV | 1165   | 29690  | 1.22%  | 0.048% |
| 185 | 12.285 | 12.256 | 12.336 | VV | 2564   | 94857  | 3.89%  | 0.152% |
| 186 | 12.355 | 12.336 | 12.377 | VV | 3201   | 47142  | 1.94%  | 0.075% |
| 187 | 12.398 | 12.377 | 12.413 | VV | 2020   | 35034  | 1.44%  | 0.056% |
| 188 | 12.429 | 12.413 | 12.463 | VV | 2754   | 51155  | 2.10%  | 0.082% |
| 189 | 12.481 | 12.463 | 12.496 | VV | 1858   | 27472  | 1.13%  | 0.044% |
| 190 | 12.507 | 12.496 | 12.534 | VV | 2245   | 32896  | 1.35%  | 0.053% |
| 191 | 12.562 | 12.534 | 12.625 | VV | 1801   | 63179  | 2.59%  | 0.101% |
| 192 | 12.657 | 12.625 | 12.704 | VV | 20010  | 269824 | 11.08% | 0.432% |
| 193 | 12.720 | 12.704 | 12.740 | VV | 1382   | 21772  | 0.89%  | 0.035% |
| 194 | 12.754 | 12.740 | 12.766 | VV | 848    | 11568  | 0.47%  | 0.019% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.786 | 12.766 | 12.861 | VV | 1304   | 37278   | 1.53%  | 0.060% |
| 196 | 12.879 | 12.861 | 12.890 | PV | 491    | 5553    | 0.23%  | 0.009% |
| 197 | 12.914 | 12.890 | 12.964 | VV | 1590   | 44128   | 1.81%  | 0.071% |
| 198 | 12.981 | 12.964 | 13.002 | VV | 941    | 12395   | 0.51%  | 0.020% |
| 199 | 13.021 | 13.002 | 13.034 | VV | 1256   | 13849   | 0.57%  | 0.022% |
| 200 | 13.054 | 13.034 | 13.066 | VV | 2123   | 27670   | 1.14%  | 0.044% |
| 201 | 13.104 | 13.066 | 13.140 | VV | 164262 | 1989085 | 81.67% | 3.185% |
| 202 | 13.155 | 13.140 | 13.187 | VV | 2094   | 37775   | 1.55%  | 0.060% |
| 203 | 13.210 | 13.187 | 13.234 | VV | 891    | 18024   | 0.74%  | 0.029% |
| 204 | 13.269 | 13.234 | 13.302 | VV | 15276  | 203129  | 8.34%  | 0.325% |
| 205 | 13.323 | 13.302 | 13.397 | VV | 1756   | 49833   | 2.05%  | 0.080% |
| 206 | 13.406 | 13.397 | 13.421 | VV | 266    | 3172    | 0.13%  | 0.005% |
| 207 | 13.443 | 13.421 | 13.461 | VV | 669    | 8642    | 0.35%  | 0.014% |
| 208 | 13.501 | 13.461 | 13.522 | PV | 2170   | 40218   | 1.65%  | 0.064% |
| 209 | 13.549 | 13.522 | 13.566 | VV | 1608   | 29533   | 1.21%  | 0.047% |
| 210 | 13.579 | 13.566 | 13.601 | VV | 937    | 16597   | 0.68%  | 0.027% |
| 211 | 13.615 | 13.601 | 13.631 | VV | 1113   | 14814   | 0.61%  | 0.024% |
| 212 | 13.649 | 13.631 | 13.672 | VV | 1393   | 22694   | 0.93%  | 0.036% |
| 213 | 13.697 | 13.672 | 13.742 | VV | 1981   | 44806   | 1.84%  | 0.072% |
| 214 | 13.767 | 13.742 | 13.802 | VV | 1080   | 24767   | 1.02%  | 0.040% |
| 215 | 13.820 | 13.802 | 13.829 | VV | 850    | 11087   | 0.46%  | 0.018% |
| 216 | 13.855 | 13.829 | 13.901 | VV | 13558  | 206028  | 8.46%  | 0.330% |
| 217 | 13.917 | 13.901 | 13.932 | VV | 1475   | 19035   | 0.78%  | 0.030% |
| 218 | 13.944 | 13.932 | 13.964 | VV | 941    | 11689   | 0.48%  | 0.019% |
| 219 | 14.008 | 13.964 | 14.021 | VV | 462    | 10073   | 0.41%  | 0.016% |
| 220 | 14.086 | 14.021 | 14.124 | VV | 2614   | 67601   | 2.78%  | 0.108% |
| 221 | 14.150 | 14.124 | 14.204 | VV | 1938   | 58868   | 2.42%  | 0.094% |
| 222 | 14.220 | 14.204 | 14.235 | VV | 1261   | 17816   | 0.73%  | 0.029% |
| 223 | 14.286 | 14.235 | 14.312 | VV | 4292   | 91556   | 3.76%  | 0.147% |
| 224 | 14.324 | 14.312 | 14.352 | VV | 1437   | 23189   | 0.95%  | 0.037% |
| 225 | 14.376 | 14.352 | 14.395 | VV | 4103   | 55222   | 2.27%  | 0.088% |
| 226 | 14.417 | 14.395 | 14.462 | VV | 11232  | 146004  | 5.99%  | 0.234% |
| 227 | 14.493 | 14.462 | 14.526 | VV | 2475   | 55632   | 2.28%  | 0.089% |
| 228 | 14.544 | 14.526 | 14.584 | VV | 1470   | 28238   | 1.16%  | 0.045% |
| 229 | 14.624 | 14.584 | 14.640 | PV | 1425   | 25493   | 1.05%  | 0.041% |
| 230 | 14.684 | 14.640 | 14.722 | VV | 2755   | 66923   | 2.75%  | 0.107% |
| 231 | 14.734 | 14.722 | 14.749 | VV | 938    | 12257   | 0.50%  | 0.020% |
| 232 | 14.766 | 14.749 | 14.792 | VV | 772    | 15597   | 0.64%  | 0.025% |
| 233 | 14.813 | 14.792 | 14.832 | VV | 1533   | 22582   | 0.93%  | 0.036% |
| 234 | 14.845 | 14.832 | 14.864 | VV | 1238   | 14296   | 0.59%  | 0.023% |
| 235 | 14.888 | 14.864 | 14.914 | VV | 1423   | 23606   | 0.97%  | 0.038% |
| 236 | 14.958 | 14.914 | 14.992 | VV | 10636  | 138999  | 5.71%  | 0.223% |
| 237 | 15.016 | 14.992 | 15.062 | VV | 967    | 30322   | 1.25%  | 0.049% |
| 238 | 15.101 | 15.062 | 15.127 | VV | 1596   | 28882   | 1.19%  | 0.046% |
| 239 | 15.152 | 15.127 | 15.189 | PV | 1642   | 33485   | 1.37%  | 0.054% |
| 240 | 15.208 | 15.189 | 15.224 | VV | 1108   | 16544   | 0.68%  | 0.026% |
| 241 | 15.233 | 15.224 | 15.252 | VV | 684    | 10001   | 0.41%  | 0.016% |
| 242 | 15.289 | 15.252 | 15.318 | VV | 1780   | 46341   | 1.90%  | 0.074% |
| 243 | 15.345 | 15.318 | 15.369 | VV | 1322   | 24134   | 0.99%  | 0.039% |
| 244 | 15.401 | 15.369 | 15.448 | VV | 1202   | 37425   | 1.54%  | 0.060% |
| 245 | 15.479 | 15.448 | 15.519 | VV | 8664   | 135945  | 5.58%  | 0.218% |
| 246 | 15.528 | 15.519 | 15.555 | VV | 1259   | 19503   | 0.80%  | 0.031% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 15.589 | 15.555 | 15.604 | VV | 866    | 15103   | 0.62%  | 0.024% |
| 248 | 15.626 | 15.604 | 15.646 | PV | 2161   | 26088   | 1.07%  | 0.042% |
| 249 | 15.711 | 15.646 | 15.732 | VV | 1719   | 48061   | 1.97%  | 0.077% |
| 250 | 15.749 | 15.732 | 15.766 | VV | 1283   | 18784   | 0.77%  | 0.030% |
| 251 | 15.796 | 15.766 | 15.832 | VV | 1973   | 48844   | 2.01%  | 0.078% |
| 252 | 15.850 | 15.832 | 15.859 | VV | 1352   | 18185   | 0.75%  | 0.029% |
| 253 | 15.868 | 15.859 | 15.884 | VV | 1312   | 13077   | 0.54%  | 0.021% |
| 254 | 15.978 | 15.884 | 16.006 | PV | 9820   | 164002  | 6.73%  | 0.263% |
| 255 | 16.022 | 16.006 | 16.052 | VV | 2332   | 39358   | 1.62%  | 0.063% |
| 256 | 16.087 | 16.052 | 16.100 | VV | 826    | 16271   | 0.67%  | 0.026% |
| 257 | 16.178 | 16.100 | 16.229 | VV | 3123   | 129724  | 5.33%  | 0.208% |
| 258 | 16.293 | 16.229 | 16.311 | VV | 3993   | 140056  | 5.75%  | 0.224% |
| 259 | 16.349 | 16.311 | 16.397 | VV | 2865   | 118992  | 4.89%  | 0.191% |
| 260 | 16.424 | 16.397 | 16.432 | VV | 2801   | 43535   | 1.79%  | 0.070% |
| 261 | 16.460 | 16.432 | 16.523 | VV | 10588  | 233130  | 9.57%  | 0.373% |
| 262 | 16.568 | 16.523 | 16.584 | VV | 3669   | 91099   | 3.74%  | 0.146% |
| 263 | 16.653 | 16.584 | 16.660 | VV | 5054   | 192696  | 7.91%  | 0.309% |
| 264 | 16.676 | 16.660 | 16.717 | VV | 6094   | 162351  | 6.67%  | 0.260% |
| 265 | 16.735 | 16.717 | 16.756 | VV | 5090   | 97782   | 4.01%  | 0.157% |
| 266 | 16.804 | 16.756 | 16.832 | VV | 5160   | 188651  | 7.75%  | 0.302% |
| 267 | 16.852 | 16.832 | 16.868 | VV | 4000   | 74822   | 3.07%  | 0.120% |
| 268 | 16.928 | 16.868 | 16.945 | VV | 15267  | 339309  | 13.93% | 0.543% |
| 269 | 16.961 | 16.945 | 16.982 | VV | 13194  | 224880  | 9.23%  | 0.360% |
| 270 | 17.001 | 16.982 | 17.016 | VV | 9054   | 143261  | 5.88%  | 0.229% |
| 271 | 17.033 | 17.016 | 17.057 | VV | 7573   | 153375  | 6.30%  | 0.246% |
| 272 | 17.075 | 17.057 | 17.092 | VV | 6146   | 119727  | 4.92%  | 0.192% |
| 273 | 17.115 | 17.092 | 17.143 | VV | 8760   | 240833  | 9.89%  | 0.386% |
| 274 | 17.160 | 17.143 | 17.169 | VV | 9040   | 127920  | 5.25%  | 0.205% |
| 275 | 17.187 | 17.169 | 17.210 | VV | 10285  | 210226  | 8.63%  | 0.337% |
| 276 | 17.258 | 17.210 | 17.296 | VV | 9266   | 388821  | 15.97% | 0.623% |
| 277 | 17.330 | 17.296 | 17.342 | VV | 10022  | 228561  | 9.38%  | 0.366% |
| 278 | 17.370 | 17.342 | 17.400 | VV | 18330  | 473335  | 19.44% | 0.758% |
| 279 | 17.429 | 17.400 | 17.447 | VV | 11642  | 275240  | 11.30% | 0.441% |
| 280 | 17.463 | 17.447 | 17.479 | VV | 11001  | 185770  | 7.63%  | 0.297% |
| 281 | 17.506 | 17.479 | 17.541 | VV | 16369  | 419705  | 17.23% | 0.672% |
| 282 | 17.557 | 17.541 | 17.574 | VV | 9998   | 173467  | 7.12%  | 0.278% |
| 283 | 17.593 | 17.574 | 17.634 | VV | 9257   | 283706  | 11.65% | 0.454% |
| 284 | 17.657 | 17.634 | 17.672 | VV | 8244   | 174926  | 7.18%  | 0.280% |
| 285 | 17.690 | 17.672 | 17.701 | VV | 8775   | 139977  | 5.75%  | 0.224% |
| 286 | 17.729 | 17.701 | 17.758 | VV | 13320  | 380294  | 15.62% | 0.609% |
| 287 | 17.777 | 17.758 | 17.787 | VV | 12928  | 203278  | 8.35%  | 0.326% |
| 288 | 17.814 | 17.787 | 17.846 | VV | 24145  | 594515  | 24.41% | 0.952% |
| 289 | 17.875 | 17.846 | 17.904 | VV | 12325  | 345367  | 14.18% | 0.553% |
| 290 | 17.976 | 17.904 | 18.050 | VV | 34779  | 1294142 | 53.14% | 2.072% |
| 291 | 18.066 | 18.050 | 18.091 | VV | 10566  | 220600  | 9.06%  | 0.353% |
| 292 | 18.179 | 18.091 | 18.214 | VV | 14973  | 819704  | 33.66% | 1.313% |
| 293 | 18.237 | 18.214 | 18.272 | VV | 18830  | 426812  | 17.53% | 0.684% |
| 294 | 18.344 | 18.272 | 18.417 | VV | 30749  | 1229909 | 50.50% | 1.970% |
| 295 | 18.424 | 18.417 | 18.439 | VV | 10066  | 120111  | 4.93%  | 0.192% |
| 296 | 18.455 | 18.439 | 18.473 | VV | 9813   | 195960  | 8.05%  | 0.314% |
| 297 | 18.493 | 18.473 | 18.531 | VV | 12411  | 365031  | 14.99% | 0.585% |
| 298 | 18.540 | 18.531 | 18.581 | VV | 10571  | 279806  | 11.49% | 0.448% |
| 299 | 18.647 | 18.581 | 18.704 | VV | 20557  | 852962  | 35.02% | 1.366% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 300 | 18.720 | 18.704 | 18.734 | VV | 10186  | 167476  | 6.88%   | 0.268% |
| 301 | 18.764 | 18.734 | 18.790 | VV | 29197  | 622434  | 25.56%  | 0.997% |
| 302 | 18.813 | 18.790 | 18.879 | VV | 26872  | 855360  | 35.12%  | 1.370% |
| 303 | 18.898 | 18.879 | 18.931 | VV | 14257  | 393336  | 16.15%  | 0.630% |
| 304 | 18.943 | 18.931 | 18.964 | VV | 14496  | 265552  | 10.90%  | 0.425% |
| 305 | 18.979 | 18.964 | 18.991 | VV | 12188  | 185814  | 7.63%   | 0.298% |
| 306 | 19.042 | 18.991 | 19.072 | VV | 23107  | 749248  | 30.76%  | 1.200% |
| 307 | 19.095 | 19.072 | 19.131 | VV | 24477  | 594843  | 24.42%  | 0.953% |
| 308 | 19.160 | 19.131 | 19.207 | VV | 22400  | 751224  | 30.85%  | 1.203% |
| 309 | 19.235 | 19.207 | 19.307 | VV | 16532  | 900619  | 36.98%  | 1.442% |
| 310 | 19.329 | 19.307 | 19.339 | VV | 15167  | 287910  | 11.82%  | 0.461% |
| 311 | 19.356 | 19.339 | 19.388 | VV | 15989  | 444771  | 18.26%  | 0.712% |
| 312 | 19.428 | 19.388 | 19.449 | VV | 29181  | 749724  | 30.78%  | 1.201% |
| 313 | 19.472 | 19.449 | 19.512 | VV | 26840  | 785064  | 32.24%  | 1.257% |
| 314 | 19.566 | 19.512 | 19.600 | VV | 24755  | 1015879 | 41.71%  | 1.627% |
| 315 | 19.619 | 19.600 | 19.647 | VV | 18976  | 518599  | 21.29%  | 0.830% |
| 316 | 19.674 | 19.647 | 19.697 | VV | 21186  | 589675  | 24.21%  | 0.944% |
| 317 | 19.708 | 19.697 | 19.717 | VV | 21413  | 249448  | 10.24%  | 0.399% |
| 318 | 19.728 | 19.717 | 19.757 | VV | 21229  | 471150  | 19.35%  | 0.755% |
| 319 | 19.802 | 19.757 | 19.832 | VV | 32423  | 1104732 | 45.36%  | 1.769% |
| 320 | 19.863 | 19.832 | 19.895 | VV | 29941  | 953944  | 39.17%  | 1.528% |
| 321 | 19.918 | 19.895 | 19.930 | VV | 22498  | 462571  | 18.99%  | 0.741% |
| 322 | 19.981 | 19.930 | 20.019 | VV | 29763  | 1316732 | 54.07%  | 2.109% |
| 323 | 20.042 | 20.019 | 20.062 | VV | 27192  | 643551  | 26.42%  | 1.031% |
| 324 | 20.074 | 20.062 | 20.097 | VV | 26743  | 538855  | 22.13%  | 0.863% |
| 325 | 20.125 | 20.097 | 20.144 | VV | 27069  | 751234  | 30.85%  | 1.203% |
| 326 | 20.167 | 20.144 | 20.197 | VV | 36402  | 972074  | 39.91%  | 1.557% |
| 327 | 20.252 | 20.197 | 20.297 | VV | 38902  | 1820681 | 74.76%  | 2.916% |
| 328 | 20.389 | 20.297 | 20.423 | VV | 38740  | 2435425 | 100.00% | 3.900% |
| 329 | 20.432 | 20.423 | 20.467 | VV | 32358  | 779967  | 32.03%  | 1.249% |
| 330 | 20.476 | 20.467 | 20.497 | VV | 28466  | 495240  | 20.33%  | 0.793% |
| 331 | 20.525 | 20.497 | 20.582 | VV | 37932  | 1499984 | 61.59%  | 2.402% |
| 332 | 20.594 | 20.582 | 20.614 | VV | 25797  | 478020  | 19.63%  | 0.766% |
| 333 | 20.653 | 20.614 | 20.721 | VV | 29685  | 1718160 | 70.55%  | 2.751% |
| 334 | 20.739 | 20.721 | 20.753 | VV | 26004  | 494596  | 20.31%  | 0.792% |
| 335 | 20.762 | 20.753 | 20.796 | VV | 26618  | 646514  | 26.55%  | 1.035% |
| 336 | 20.802 | 20.796 | 20.847 | VV | 24061  | 707670  | 29.06%  | 1.133% |
| 337 | 20.877 | 20.847 | 20.886 | VV | 24070  | 522702  | 21.46%  | 0.837% |
| 338 | 20.922 | 20.886 | 20.967 | VV | 28845  | 1129537 | 46.38%  | 1.809% |
| 339 | 20.976 | 20.967 | 20.999 | VV | 19601  | 363513  | 14.93%  | 0.582% |
| 340 | 21.007 | 20.999 | 21.029 | VV | 19473  | 324590  | 13.33%  | 0.520% |
| 341 | 21.042 | 21.029 | 21.072 | VV | 19571  | 467301  | 19.19%  | 0.748% |
| 342 | 21.099 | 21.072 | 21.117 | VV | 18569  | 482490  | 19.81%  | 0.773% |
| 343 | 21.126 | 21.117 | 21.182 | VV | 17579  | 631521  | 25.93%  | 1.011% |
| 344 | 21.195 | 21.182 | 21.207 | VV | 17475  | 243006  | 9.98%   | 0.389% |
| 345 | 21.220 | 21.207 | 21.289 | VV | 15741  | 703984  | 28.91%  | 1.127% |
| 346 | 21.303 | 21.289 | 21.332 | VV | 14043  | 345467  | 14.19%  | 0.553% |
| 347 | 21.364 | 21.332 | 21.401 | VV | 18068  | 615349  | 25.27%  | 0.985% |
| 348 | 21.407 | 21.401 | 21.449 | VV | 12048  | 313273  | 12.86%  | 0.502% |
| 349 | 21.492 | 21.449 | 21.547 | VV | 12169  | 605057  | 24.84%  | 0.969% |
| 350 | 21.552 | 21.547 | 21.561 | VV | 8705   | 66426   | 2.73%   | 0.106% |
| 351 | 21.598 | 21.561 | 21.646 | VV | 8961   | 402995  | 16.55%  | 0.645% |

|     |        |        |        |    |                         |          |        |        |  |
|-----|--------|--------|--------|----|-------------------------|----------|--------|--------|--|
|     |        |        |        |    | rteres                  |          |        |        |  |
| 352 | 21.668 | 21.646 | 21.707 | VV | 7841                    | 244367   | 10.03% | 0.391% |  |
| 353 | 21.717 | 21.707 | 21.739 | VV | 5760                    | 98319    | 4.04%  | 0.157% |  |
| 354 | 21.748 | 21.739 | 21.812 | VV | 5755                    | 193255   | 7.94%  | 0.309% |  |
| 355 | 21.874 | 21.812 | 21.947 | VV | 10516                   | 421310   | 17.30% | 0.675% |  |
| 356 | 21.954 | 21.947 | 21.967 | VV | 1680                    | 15865    | 0.65%  | 0.025% |  |
| 357 | 21.977 | 21.967 | 21.994 | VV | 1149                    | 12696    | 0.52%  | 0.020% |  |
|     |        |        |        |    | Sum of corrected areas: | 62444630 |        |        |  |

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