

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040320AL\  
 Data File : FC046647.D  
 Signal(s) : FID1A.CH  
 Acq On : 04 Apr 2020 4:56  
 Sample : L2112-04  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 032320.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         | 3.542       | 3.505        | 3.554      | PV       | 496            | 7028         | 0.18%          | 0.008%        |
| 2         | 3.568       | 3.554        | 3.587      | VV       | 862            | 8083         | 0.21%          | 0.009%        |
| 3         | 3.596       | 3.587        | 3.632      | VV       | 236            | 2755         | 0.07%          | 0.003%        |
| 4         | 3.651       | 3.632        | 3.659      | PV       | 116            | 1028         | 0.03%          | 0.001%        |
| 5         | 3.677       | 3.659        | 3.691      | VV       | 474            | 4926         | 0.13%          | 0.005%        |
| 6         | 3.701       | 3.691        | 3.713      | VV       | 254            | 2727         | 0.07%          | 0.003%        |
| 7         | 3.745       | 3.713        | 3.779      | VV       | 345            | 7697         | 0.20%          | 0.008%        |
| 8         | 3.792       | 3.779        | 3.802      | VV       | 406            | 3479         | 0.09%          | 0.004%        |
| 9         | 3.820       | 3.802        | 3.844      | VV       | 954            | 12932        | 0.33%          | 0.014%        |
| 10        | 3.875       | 3.844        | 3.892      | VV       | 402            | 7593         | 0.20%          | 0.008%        |
| 11        | 3.916       | 3.892        | 3.927      | VV       | 769            | 9766         | 0.25%          | 0.011%        |
| 12        | 3.940       | 3.927        | 3.966      | VV       | 634            | 11571        | 0.30%          | 0.013%        |
| 13        | 3.990       | 3.966        | 4.006      | VV       | 1028           | 13734        | 0.36%          | 0.015%        |
| 14        | 4.016       | 4.006        | 4.030      | VV       | 516            | 5300         | 0.14%          | 0.006%        |
| 15        | 4.049       | 4.030        | 4.080      | VV       | 842            | 12810        | 0.33%          | 0.014%        |
| 16        | 4.095       | 4.080        | 4.107      | VV       | 991            | 8414         | 0.22%          | 0.009%        |
| 17        | 4.138       | 4.107        | 4.187      | VV       | 1167           | 34341        | 0.89%          | 0.037%        |
| 18        | 4.212       | 4.187        | 4.232      | VV       | 737            | 11572        | 0.30%          | 0.013%        |
| 19        | 4.249       | 4.232        | 4.266      | VV       | 810            | 12981        | 0.34%          | 0.014%        |
| 20        | 4.310       | 4.266        | 4.337      | VV       | 1248           | 34943        | 0.90%          | 0.038%        |
| 21        | 4.395       | 4.337        | 4.411      | VV       | 1293           | 28198        | 0.73%          | 0.031%        |
| 22        | 4.424       | 4.411        | 4.451      | VV       | 1518           | 21851        | 0.57%          | 0.024%        |
| 23        | 4.464       | 4.451        | 4.506      | VV       | 931            | 14620        | 0.38%          | 0.016%        |
| 24        | 4.535       | 4.506        | 4.551      | VV       | 1035           | 16246        | 0.42%          | 0.018%        |
| 25        | 4.577       | 4.551        | 4.589      | VV       | 1040           | 16430        | 0.43%          | 0.018%        |
| 26        | 4.614       | 4.589        | 4.652      | VV       | 1166           | 30916        | 0.80%          | 0.034%        |
| 27        | 4.666       | 4.652        | 4.676      | VV       | 825            | 9817         | 0.25%          | 0.011%        |
| 28        | 4.688       | 4.676        | 4.749      | VV       | 1046           | 26768        | 0.69%          | 0.029%        |
| 29        | 4.769       | 4.749        | 4.804      | VV       | 1349           | 28000        | 0.73%          | 0.031%        |
| 30        | 4.819       | 4.804        | 4.837      | VV       | 2129           | 30407        | 0.79%          | 0.033%        |
| 31        | 4.864       | 4.837        | 4.887      | VV       | 2040           | 41228        | 1.07%          | 0.045%        |
| 32        | 4.902       | 4.887        | 4.932      | VV       | 1651           | 34012        | 0.88%          | 0.037%        |
| 33        | 4.946       | 4.932        | 4.975      | VV       | 1772           | 30993        | 0.80%          | 0.034%        |
| 34        | 4.985       | 4.975        | 5.009      | VV       | 1103           | 19291        | 0.50%          | 0.021%        |
| 35        | 5.025       | 5.009        | 5.047      | VV       | 2007           | 29151        | 0.75%          | 0.032%        |
| 36        | 5.098       | 5.047        | 5.115      | VV       | 3297           | 58919        | 1.53%          | 0.064%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.128 | 5.115 | 5.149 | VV | 1348   | 21449 | 0.56% | 0.023% |
| 38 | 5.161 | 5.149 | 5.197 | VV | 1031   | 20929 | 0.54% | 0.023% |
| 39 | 5.244 | 5.197 | 5.260 | VV | 1623   | 35046 | 0.91% | 0.038% |
| 40 | 5.270 | 5.260 | 5.287 | VV | 977    | 12915 | 0.33% | 0.014% |
| 41 | 5.310 | 5.287 | 5.324 | VV | 1001   | 17655 | 0.46% | 0.019% |
| 42 | 5.341 | 5.324 | 5.403 | VV | 1839   | 55920 | 1.45% | 0.061% |
| 43 | 5.422 | 5.403 | 5.434 | VV | 811    | 12660 | 0.33% | 0.014% |
| 44 | 5.454 | 5.434 | 5.467 | VV | 1275   | 20132 | 0.52% | 0.022% |
| 45 | 5.549 | 5.467 | 5.589 | VV | 1571   | 89852 | 2.33% | 0.098% |
| 46 | 5.602 | 5.589 | 5.629 | VV | 1427   | 24187 | 0.63% | 0.026% |
| 47 | 5.644 | 5.629 | 5.668 | VV | 1641   | 27392 | 0.71% | 0.030% |
| 48 | 5.685 | 5.668 | 5.706 | VV | 3190   | 39881 | 1.03% | 0.043% |
| 49 | 5.720 | 5.706 | 5.755 | VV | 1366   | 30178 | 0.78% | 0.033% |
| 50 | 5.789 | 5.755 | 5.819 | VV | 1193   | 33784 | 0.87% | 0.037% |
| 51 | 5.842 | 5.819 | 5.870 | VV | 3023   | 44978 | 1.16% | 0.049% |
| 52 | 5.887 | 5.870 | 5.897 | VV | 916    | 12603 | 0.33% | 0.014% |
| 53 | 5.922 | 5.897 | 5.936 | VV | 1469   | 23559 | 0.61% | 0.026% |
| 54 | 5.950 | 5.936 | 5.976 | VV | 1226   | 21508 | 0.56% | 0.023% |
| 55 | 5.988 | 5.976 | 6.002 | VV | 702    | 10653 | 0.28% | 0.012% |
| 56 | 6.011 | 6.002 | 6.021 | VV | 676    | 7202  | 0.19% | 0.008% |
| 57 | 6.051 | 6.021 | 6.084 | VV | 1371   | 33004 | 0.85% | 0.036% |
| 58 | 6.104 | 6.084 | 6.125 | VV | 1214   | 18179 | 0.47% | 0.020% |
| 59 | 6.150 | 6.125 | 6.167 | VV | 1248   | 23004 | 0.60% | 0.025% |
| 60 | 6.177 | 6.167 | 6.194 | VV | 1010   | 13610 | 0.35% | 0.015% |
| 61 | 6.249 | 6.194 | 6.295 | VV | 1099   | 51323 | 1.33% | 0.056% |
| 62 | 6.324 | 6.295 | 6.354 | VV | 1159   | 30744 | 0.80% | 0.034% |
| 63 | 6.395 | 6.354 | 6.415 | VV | 1144   | 33002 | 0.85% | 0.036% |
| 64 | 6.430 | 6.415 | 6.458 | VV | 868    | 18057 | 0.47% | 0.020% |
| 65 | 6.473 | 6.458 | 6.491 | VV | 927    | 13912 | 0.36% | 0.015% |
| 66 | 6.503 | 6.491 | 6.525 | VV | 926    | 14640 | 0.38% | 0.016% |
| 67 | 6.561 | 6.525 | 6.599 | VV | 1015   | 33241 | 0.86% | 0.036% |
| 68 | 6.616 | 6.599 | 6.666 | VV | 974    | 26842 | 0.70% | 0.029% |
| 69 | 6.693 | 6.666 | 6.724 | VV | 566    | 15738 | 0.41% | 0.017% |
| 70 | 6.736 | 6.724 | 6.749 | VV | 495    | 6620  | 0.17% | 0.007% |
| 71 | 6.769 | 6.749 | 6.799 | VV | 808    | 17417 | 0.45% | 0.019% |
| 72 | 6.820 | 6.799 | 6.844 | VV | 669    | 14626 | 0.38% | 0.016% |
| 73 | 6.852 | 6.844 | 6.866 | VV | 484    | 4730  | 0.12% | 0.005% |
| 74 | 6.900 | 6.866 | 6.927 | VV | 638    | 16199 | 0.42% | 0.018% |
| 75 | 6.967 | 6.927 | 7.002 | VV | 492    | 16880 | 0.44% | 0.018% |
| 76 | 7.012 | 7.002 | 7.022 | VV | 352    | 3931  | 0.10% | 0.004% |
| 77 | 7.037 | 7.022 | 7.059 | VV | 493    | 8064  | 0.21% | 0.009% |
| 78 | 7.099 | 7.059 | 7.114 | VV | 484    | 12808 | 0.33% | 0.014% |
| 79 | 7.132 | 7.114 | 7.146 | VV | 744    | 10645 | 0.28% | 0.012% |
| 80 | 7.149 | 7.146 | 7.169 | VV | 690    | 7511  | 0.19% | 0.008% |
| 81 | 7.183 | 7.169 | 7.236 | VV | 497    | 16414 | 0.43% | 0.018% |
| 82 | 7.276 | 7.236 | 7.306 | VV | 535    | 17372 | 0.45% | 0.019% |
| 83 | 7.316 | 7.306 | 7.331 | VV | 593    | 7400  | 0.19% | 0.008% |
| 84 | 7.342 | 7.331 | 7.392 | VV | 639    | 11108 | 0.29% | 0.012% |
| 85 | 7.426 | 7.392 | 7.457 | VV | 475    | 12875 | 0.33% | 0.014% |
| 86 | 7.477 | 7.457 | 7.497 | VV | 308    | 6218  | 0.16% | 0.007% |
| 87 | 7.539 | 7.497 | 7.584 | VV | 787    | 18230 | 0.47% | 0.020% |
| 88 | 7.603 | 7.584 | 7.623 | VV | 272    | 4258  | 0.11% | 0.005% |
| 89 | 7.643 | 7.623 | 7.664 | VV | 238    | 3765  | 0.10% | 0.004% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.676  | 7.664  | 7.691  | VV | 220    | 2908   | 0.08% | 0.003% |
| 91  | 7.726  | 7.691  | 7.767  | VV | 319    | 8717   | 0.23% | 0.010% |
| 92  | 7.775  | 7.767  | 7.816  | VV | 131    | 2765   | 0.07% | 0.003% |
| 93  | 7.984  | 7.981  | 8.049  | VV | 2221   | 62297  | 1.61% | 0.068% |
| 94  | 8.057  | 8.049  | 8.078  | VV | 1065   | 16759  | 0.43% | 0.018% |
| 95  | 8.105  | 8.078  | 8.136  | VV | 909    | 26262  | 0.68% | 0.029% |
| 96  | 8.157  | 8.136  | 8.177  | VV | 820    | 16795  | 0.43% | 0.018% |
| 97  | 8.184  | 8.177  | 8.201  | VV | 550    | 7192   | 0.19% | 0.008% |
| 98  | 8.224  | 8.201  | 8.249  | VV | 831    | 16535  | 0.43% | 0.018% |
| 99  | 8.292  | 8.249  | 8.312  | VV | 544    | 17836  | 0.46% | 0.019% |
| 100 | 8.314  | 8.312  | 8.341  | VV | 507    | 6338   | 0.16% | 0.007% |
| 101 | 8.367  | 8.341  | 8.387  | VV | 968    | 19029  | 0.49% | 0.021% |
| 102 | 8.403  | 8.387  | 8.441  | VV | 1429   | 24571  | 0.64% | 0.027% |
| 103 | 8.479  | 8.441  | 8.569  | VV | 9909   | 145735 | 3.77% | 0.159% |
| 104 | 8.581  | 8.569  | 8.621  | VV | 582    | 11573  | 0.30% | 0.013% |
| 105 | 8.638  | 8.621  | 8.664  | VV | 504    | 8851   | 0.23% | 0.010% |
| 106 | 8.686  | 8.664  | 8.714  | VV | 227    | 4764   | 0.12% | 0.005% |
| 107 | 8.937  | 8.919  | 9.014  | VV | 1978   | 68759  | 1.78% | 0.075% |
| 108 | 9.024  | 9.014  | 9.041  | VV | 841    | 12466  | 0.32% | 0.014% |
| 109 | 9.067  | 9.041  | 9.122  | VV | 824    | 32335  | 0.84% | 0.035% |
| 110 | 9.150  | 9.122  | 9.197  | VV | 824    | 29585  | 0.77% | 0.032% |
| 111 | 9.220  | 9.197  | 9.244  | VV | 1578   | 27917  | 0.72% | 0.030% |
| 112 | 9.258  | 9.244  | 9.274  | VV | 805    | 11741  | 0.30% | 0.013% |
| 113 | 9.282  | 9.274  | 9.359  | VV | 553    | 18951  | 0.49% | 0.021% |
| 114 | 9.395  | 9.359  | 9.418  | VV | 432    | 9213   | 0.24% | 0.010% |
| 115 | 9.438  | 9.418  | 9.459  | VV | 331    | 5494   | 0.14% | 0.006% |
| 116 | 9.469  | 9.459  | 9.496  | VV | 223    | 3200   | 0.08% | 0.003% |
| 117 | 9.517  | 9.496  | 9.556  | VV | 231    | 6719   | 0.17% | 0.007% |
| 118 | 9.598  | 9.556  | 9.614  | VV | 530    | 12756  | 0.33% | 0.014% |
| 119 | 9.632  | 9.614  | 9.662  | VV | 692    | 14268  | 0.37% | 0.016% |
| 120 | 9.687  | 9.662  | 9.711  | VV | 500    | 11573  | 0.30% | 0.013% |
| 121 | 9.726  | 9.711  | 9.751  | VV | 380    | 7326   | 0.19% | 0.008% |
| 122 | 9.773  | 9.751  | 9.806  | VV | 421    | 8866   | 0.23% | 0.010% |
| 123 | 9.840  | 9.806  | 9.864  | VV | 281    | 6884   | 0.18% | 0.008% |
| 124 | 9.946  | 9.864  | 9.966  | PV | 507    | 13653  | 0.35% | 0.015% |
| 125 | 9.994  | 9.966  | 10.047 | VV | 1287   | 23567  | 0.61% | 0.026% |
| 126 | 10.057 | 10.047 | 10.087 | VV | 273    | 4216   | 0.11% | 0.005% |
| 127 | 10.119 | 10.087 | 10.158 | VV | 323    | 8045   | 0.21% | 0.009% |
| 128 | 10.186 | 10.158 | 10.212 | VV | 205    | 4595   | 0.12% | 0.005% |
| 129 | 10.229 | 10.212 | 10.264 | VV | 179    | 3458   | 0.09% | 0.004% |
| 130 | 10.275 | 10.264 | 10.296 | VV | 107    | 1663   | 0.04% | 0.002% |
| 131 | 10.313 | 10.296 | 10.326 | PV | 247    | 2889   | 0.07% | 0.003% |
| 132 | 10.343 | 10.326 | 10.357 | VV | 342    | 5033   | 0.13% | 0.005% |
| 133 | 10.383 | 10.357 | 10.416 | VV | 774    | 15595  | 0.40% | 0.017% |
| 134 | 10.429 | 10.416 | 10.444 | VV | 324    | 4352   | 0.11% | 0.005% |
| 135 | 10.460 | 10.444 | 10.512 | VV | 472    | 12472  | 0.32% | 0.014% |
| 136 | 10.532 | 10.512 | 10.572 | VV | 515    | 11154  | 0.29% | 0.012% |
| 137 | 10.614 | 10.572 | 10.629 | VV | 331    | 7424   | 0.19% | 0.008% |
| 138 | 10.652 | 10.629 | 10.687 | VV | 448    | 12006  | 0.31% | 0.013% |
| 139 | 10.694 | 10.687 | 10.702 | VV | 340    | 2685   | 0.07% | 0.003% |
| 140 | 10.729 | 10.702 | 10.772 | VV | 1460   | 25585  | 0.66% | 0.028% |
| 141 | 10.801 | 10.772 | 10.826 | VV | 1015   | 18501  | 0.48% | 0.020% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 10.843 | 10.826 | 10.866 | VV | 455    | 7951    | 0.21%   | 0.009% |
| 143 | 10.884 | 10.866 | 10.925 | VV | 319    | 7090    | 0.18%   | 0.008% |
| 144 | 10.951 | 10.925 | 11.004 | VV | 1107   | 18889   | 0.49%   | 0.021% |
| 145 | 11.029 | 11.004 | 11.091 | VV | 2597   | 63166   | 1.64%   | 0.069% |
| 146 | 11.117 | 11.091 | 11.169 | VV | 998    | 29497   | 0.76%   | 0.032% |
| 147 | 11.180 | 11.169 | 11.195 | VV | 378    | 4346    | 0.11%   | 0.005% |
| 148 | 11.210 | 11.195 | 11.227 | VV | 328    | 4691    | 0.12%   | 0.005% |
| 149 | 11.238 | 11.227 | 11.276 | VV | 189    | 3630    | 0.09%   | 0.004% |
| 150 | 11.321 | 11.276 | 11.342 | PV | 230    | 3302    | 0.09%   | 0.004% |
| 151 | 11.361 | 11.342 | 11.385 | VV | 527    | 7997    | 0.21%   | 0.009% |
| 152 | 11.429 | 11.385 | 11.457 | VV | 1468   | 23856   | 0.62%   | 0.026% |
| 153 | 11.520 | 11.457 | 11.576 | VV | 709    | 18926   | 0.49%   | 0.021% |
| 154 | 11.625 | 11.576 | 11.646 | VV | 795    | 13750   | 0.36%   | 0.015% |
| 155 | 11.673 | 11.646 | 11.707 | PV | 2163   | 30064   | 0.78%   | 0.033% |
| 156 | 11.764 | 11.707 | 11.802 | VV | 362909 | 3861933 | 100.00% | 4.211% |
| 157 | 11.824 | 11.802 | 11.844 | VV | 1674   | 32482   | 0.84%   | 0.035% |
| 158 | 11.858 | 11.844 | 11.899 | VV | 1142   | 25365   | 0.66%   | 0.028% |
| 159 | 11.950 | 11.899 | 11.991 | VV | 1391   | 43287   | 1.12%   | 0.047% |
| 160 | 12.001 | 11.991 | 12.017 | VV | 727    | 8971    | 0.23%   | 0.010% |
| 161 | 12.036 | 12.017 | 12.068 | VV | 655    | 12315   | 0.32%   | 0.013% |
| 162 | 12.094 | 12.068 | 12.136 | VV | 1462   | 22344   | 0.58%   | 0.024% |
| 163 | 12.154 | 12.136 | 12.164 | VV | 158    | 1966    | 0.05%   | 0.002% |
| 164 | 12.189 | 12.164 | 12.204 | VV | 244    | 4088    | 0.11%   | 0.004% |
| 165 | 12.221 | 12.204 | 12.242 | VV | 488    | 6113    | 0.16%   | 0.007% |
| 166 | 12.262 | 12.242 | 12.294 | VV | 988    | 13825   | 0.36%   | 0.015% |
| 167 | 12.313 | 12.294 | 12.327 | VV | 414    | 5441    | 0.14%   | 0.006% |
| 168 | 12.348 | 12.327 | 12.423 | VV | 9663   | 139566  | 3.61%   | 0.152% |
| 169 | 12.435 | 12.423 | 12.451 | VV | 454    | 4684    | 0.12%   | 0.005% |
| 170 | 12.486 | 12.451 | 12.529 | PV | 718    | 20251   | 0.52%   | 0.022% |
| 171 | 12.555 | 12.529 | 12.582 | VV | 550    | 11004   | 0.28%   | 0.012% |
| 172 | 12.604 | 12.582 | 12.666 | VV | 592    | 14134   | 0.37%   | 0.015% |
| 173 | 12.731 | 12.666 | 12.769 | VV | 2238   | 62792   | 1.63%   | 0.068% |
| 174 | 12.781 | 12.769 | 12.814 | VV | 804    | 14174   | 0.37%   | 0.015% |
| 175 | 12.838 | 12.814 | 12.894 | PV | 7907   | 121145  | 3.14%   | 0.132% |
| 176 | 12.930 | 12.894 | 12.941 | VV | 462    | 7652    | 0.20%   | 0.008% |
| 177 | 12.952 | 12.941 | 12.972 | VV | 376    | 4185    | 0.11%   | 0.005% |
| 178 | 12.986 | 12.972 | 13.007 | VV | 503    | 6083    | 0.16%   | 0.007% |
| 179 | 13.029 | 13.007 | 13.079 | PV | 480    | 12428   | 0.32%   | 0.014% |
| 180 | 13.086 | 13.079 | 13.102 | VV | 279    | 2720    | 0.07%   | 0.003% |
| 181 | 13.137 | 13.102 | 13.152 | PV | 8455   | 103372  | 2.68%   | 0.113% |
| 182 | 13.181 | 13.152 | 13.283 | VV | 263137 | 3067074 | 79.42%  | 3.344% |
| 183 | 13.298 | 13.283 | 13.313 | VV | 592    | 8913    | 0.23%   | 0.010% |
| 184 | 13.341 | 13.313 | 13.369 | VV | 2144   | 35990   | 0.93%   | 0.039% |
| 185 | 13.412 | 13.369 | 13.441 | VV | 1083   | 31840   | 0.82%   | 0.035% |
| 186 | 13.461 | 13.441 | 13.499 | VV | 988    | 20119   | 0.52%   | 0.022% |
| 187 | 13.580 | 13.499 | 13.617 | PV | 2028   | 45702   | 1.18%   | 0.050% |
| 188 | 13.628 | 13.617 | 13.647 | VV | 495    | 5959    | 0.15%   | 0.006% |
| 189 | 13.657 | 13.647 | 13.667 | VV | 190    | 1441    | 0.04%   | 0.002% |
| 190 | 13.734 | 13.667 | 13.792 | VV | 991    | 38431   | 1.00%   | 0.042% |
| 191 | 13.835 | 13.792 | 13.857 | PV | 933    | 14899   | 0.39%   | 0.016% |
| 192 | 13.880 | 13.857 | 13.894 | VV | 1323   | 20116   | 0.52%   | 0.022% |
| 193 | 13.924 | 13.894 | 13.942 | VV | 2262   | 37618   | 0.97%   | 0.041% |
| 194 | 13.974 | 13.942 | 13.984 | VV | 1080   | 22370   | 0.58%   | 0.024% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 195 | 14.001 | 13.984 | 14.028 | VV | 1551   | 22275  | 0.58% | 0.024% |
| 196 | 14.044 | 14.028 | 14.058 | VV | 610    | 8481   | 0.22% | 0.009% |
| 197 | 14.081 | 14.058 | 14.102 | VV | 590    | 9594   | 0.25% | 0.010% |
| 198 | 14.160 | 14.102 | 14.181 | VV | 820    | 16263  | 0.42% | 0.018% |
| 199 | 14.191 | 14.181 | 14.204 | VV | 169    | 1605   | 0.04% | 0.002% |
| 200 | 14.261 | 14.204 | 14.282 | PV | 563    | 9121   | 0.24% | 0.010% |
| 201 | 14.329 | 14.282 | 14.349 | PV | 2120   | 35146  | 0.91% | 0.038% |
| 202 | 14.362 | 14.349 | 14.382 | VV | 1307   | 15356  | 0.40% | 0.017% |
| 203 | 14.413 | 14.382 | 14.431 | VV | 855    | 14434  | 0.37% | 0.016% |
| 204 | 14.455 | 14.431 | 14.467 | VV | 1638   | 21933  | 0.57% | 0.024% |
| 205 | 14.486 | 14.467 | 14.514 | VV | 3023   | 40100  | 1.04% | 0.044% |
| 206 | 14.524 | 14.514 | 14.536 | VV | 768    | 6883   | 0.18% | 0.008% |
| 207 | 14.560 | 14.536 | 14.581 | VV | 1840   | 29946  | 0.78% | 0.033% |
| 208 | 14.588 | 14.581 | 14.611 | VV | 1304   | 16330  | 0.42% | 0.018% |
| 209 | 14.626 | 14.611 | 14.639 | VV | 836    | 10246  | 0.27% | 0.011% |
| 210 | 14.659 | 14.639 | 14.676 | VV | 914    | 12565  | 0.33% | 0.014% |
| 211 | 14.701 | 14.676 | 14.712 | PV | 1594   | 19625  | 0.51% | 0.021% |
| 212 | 14.728 | 14.712 | 14.744 | VV | 1327   | 17996  | 0.47% | 0.020% |
| 213 | 14.764 | 14.744 | 14.796 | VV | 1182   | 22426  | 0.58% | 0.024% |
| 214 | 14.830 | 14.796 | 14.842 | VV | 643    | 13293  | 0.34% | 0.014% |
| 215 | 14.868 | 14.842 | 14.891 | VV | 797    | 17269  | 0.45% | 0.019% |
| 216 | 14.930 | 14.891 | 14.942 | VV | 664    | 12305  | 0.32% | 0.013% |
| 217 | 14.984 | 14.942 | 14.996 | PV | 1065   | 16709  | 0.43% | 0.018% |
| 218 | 15.021 | 14.996 | 15.042 | VV | 6619   | 95746  | 2.48% | 0.104% |
| 219 | 15.060 | 15.042 | 15.122 | VV | 3673   | 79434  | 2.06% | 0.087% |
| 220 | 15.142 | 15.122 | 15.153 | VV | 1316   | 15508  | 0.40% | 0.017% |
| 221 | 15.175 | 15.153 | 15.197 | VV | 1448   | 22551  | 0.58% | 0.025% |
| 222 | 15.220 | 15.197 | 15.236 | VV | 1301   | 17390  | 0.45% | 0.019% |
| 223 | 15.254 | 15.236 | 15.267 | VV | 593    | 8060   | 0.21% | 0.009% |
| 224 | 15.283 | 15.267 | 15.296 | PV | 257    | 3718   | 0.10% | 0.004% |
| 225 | 15.362 | 15.296 | 15.381 | VV | 1287   | 30564  | 0.79% | 0.033% |
| 226 | 15.410 | 15.381 | 15.454 | VV | 13430  | 207628 | 5.38% | 0.226% |
| 227 | 15.473 | 15.454 | 15.521 | VV | 1732   | 41820  | 1.08% | 0.046% |
| 228 | 15.541 | 15.521 | 15.574 | VV | 5712   | 82268  | 2.13% | 0.090% |
| 229 | 15.584 | 15.574 | 15.612 | VV | 1273   | 22127  | 0.57% | 0.024% |
| 230 | 15.631 | 15.612 | 15.656 | VV | 2674   | 33111  | 0.86% | 0.036% |
| 231 | 15.692 | 15.656 | 15.766 | VV | 3143   | 87115  | 2.26% | 0.095% |
| 232 | 15.784 | 15.766 | 15.802 | PV | 1456   | 18062  | 0.47% | 0.020% |
| 233 | 15.841 | 15.802 | 15.854 | VV | 1825   | 41247  | 1.07% | 0.045% |
| 234 | 15.867 | 15.854 | 15.893 | VV | 1581   | 27583  | 0.71% | 0.030% |
| 235 | 15.927 | 15.893 | 15.936 | PV | 1117   | 23528  | 0.61% | 0.026% |
| 236 | 15.981 | 15.936 | 16.006 | VV | 1495   | 42073  | 1.09% | 0.046% |
| 237 | 16.040 | 16.006 | 16.074 | VV | 7284   | 121029 | 3.13% | 0.132% |
| 238 | 16.106 | 16.074 | 16.119 | VV | 1906   | 36144  | 0.94% | 0.039% |
| 239 | 16.136 | 16.119 | 16.167 | VV | 1855   | 32032  | 0.83% | 0.035% |
| 240 | 16.210 | 16.167 | 16.234 | PV | 1533   | 27987  | 0.72% | 0.031% |
| 241 | 16.254 | 16.234 | 16.297 | PV | 2316   | 59706  | 1.55% | 0.065% |
| 242 | 16.349 | 16.297 | 16.376 | PV | 4466   | 100272 | 2.60% | 0.109% |
| 243 | 16.390 | 16.376 | 16.404 | VV | 2213   | 25966  | 0.67% | 0.028% |
| 244 | 16.422 | 16.404 | 16.445 | VV | 4020   | 57109  | 1.48% | 0.062% |
| 245 | 16.493 | 16.445 | 16.502 | VV | 1661   | 37881  | 0.98% | 0.041% |
| 246 | 16.523 | 16.502 | 16.547 | VV | 10021  | 119863 | 3.10% | 0.131% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 16.574 | 16.547 | 16.591 | VV | 4617   | 75733   | 1.96%  | 0.083% |
| 248 | 16.604 | 16.591 | 16.626 | VV | 3297   | 46680   | 1.21%  | 0.051% |
| 249 | 16.634 | 16.626 | 16.644 | VV | 1855   | 11612   | 0.30%  | 0.013% |
| 250 | 16.684 | 16.644 | 16.702 | VV | 3132   | 74195   | 1.92%  | 0.081% |
| 251 | 16.719 | 16.702 | 16.728 | VV | 2487   | 33234   | 0.86%  | 0.036% |
| 252 | 16.752 | 16.728 | 16.777 | VV | 2434   | 52705   | 1.36%  | 0.057% |
| 253 | 16.866 | 16.777 | 16.878 | VV | 2615   | 88831   | 2.30%  | 0.097% |
| 254 | 16.899 | 16.878 | 16.920 | VV | 4581   | 67543   | 1.75%  | 0.074% |
| 255 | 16.928 | 16.920 | 16.940 | VV | 1350   | 14978   | 0.39%  | 0.016% |
| 256 | 16.988 | 16.940 | 17.009 | VV | 10773  | 232038  | 6.01%  | 0.253% |
| 257 | 17.035 | 17.009 | 17.053 | VV | 9047   | 154264  | 3.99%  | 0.168% |
| 258 | 17.067 | 17.053 | 17.090 | VV | 6483   | 95061   | 2.46%  | 0.104% |
| 259 | 17.112 | 17.090 | 17.131 | VV | 3624   | 65083   | 1.69%  | 0.071% |
| 260 | 17.147 | 17.131 | 17.162 | VV | 2783   | 29315   | 0.76%  | 0.032% |
| 261 | 17.181 | 17.162 | 17.201 | PV | 4848   | 70501   | 1.83%  | 0.077% |
| 262 | 17.256 | 17.201 | 17.281 | VV | 4761   | 172891  | 4.48%  | 0.189% |
| 263 | 17.325 | 17.281 | 17.339 | VV | 6994   | 136392  | 3.53%  | 0.149% |
| 264 | 17.353 | 17.339 | 17.381 | VV | 5799   | 112124  | 2.90%  | 0.122% |
| 265 | 17.390 | 17.381 | 17.412 | VV | 3936   | 66712   | 1.73%  | 0.073% |
| 266 | 17.435 | 17.412 | 17.469 | VV | 24720  | 382144  | 9.90%  | 0.417% |
| 267 | 17.491 | 17.469 | 17.511 | VV | 7739   | 132777  | 3.44%  | 0.145% |
| 268 | 17.529 | 17.511 | 17.544 | VV | 6046   | 98587   | 2.55%  | 0.107% |
| 269 | 17.574 | 17.544 | 17.607 | VV | 8046   | 205070  | 5.31%  | 0.224% |
| 270 | 17.643 | 17.607 | 17.656 | VV | 7552   | 164980  | 4.27%  | 0.180% |
| 271 | 17.664 | 17.656 | 17.697 | VV | 7341   | 130289  | 3.37%  | 0.142% |
| 272 | 17.714 | 17.697 | 17.727 | VV | 5355   | 75610   | 1.96%  | 0.082% |
| 273 | 17.746 | 17.727 | 17.764 | VV | 5936   | 109811  | 2.84%  | 0.120% |
| 274 | 17.793 | 17.764 | 17.831 | VV | 9285   | 274557  | 7.11%  | 0.299% |
| 275 | 17.871 | 17.831 | 17.917 | VV | 19563  | 601352  | 15.57% | 0.656% |
| 276 | 17.952 | 17.917 | 17.979 | VV | 11873  | 316027  | 8.18%  | 0.345% |
| 277 | 18.047 | 17.979 | 18.115 | VV | 20745  | 936061  | 24.24% | 1.021% |
| 278 | 18.137 | 18.115 | 18.157 | VV | 9138   | 201954  | 5.23%  | 0.220% |
| 279 | 18.180 | 18.157 | 18.192 | VV | 9383   | 178929  | 4.63%  | 0.195% |
| 280 | 18.243 | 18.192 | 18.268 | VV | 19996  | 643429  | 16.66% | 0.702% |
| 281 | 18.294 | 18.268 | 18.325 | VV | 35192  | 709322  | 18.37% | 0.773% |
| 282 | 18.413 | 18.325 | 18.436 | VV | 28497  | 1049306 | 27.17% | 1.144% |
| 283 | 18.444 | 18.436 | 18.472 | VV | 15772  | 287865  | 7.45%  | 0.314% |
| 284 | 18.492 | 18.472 | 18.501 | VV | 13716  | 215208  | 5.57%  | 0.235% |
| 285 | 18.529 | 18.501 | 18.541 | VV | 14566  | 312160  | 8.08%  | 0.340% |
| 286 | 18.600 | 18.541 | 18.620 | VV | 15327  | 675197  | 17.48% | 0.736% |
| 287 | 18.639 | 18.620 | 18.652 | VV | 13628  | 250809  | 6.49%  | 0.273% |
| 288 | 18.702 | 18.652 | 18.727 | VV | 27657  | 845818  | 21.90% | 0.922% |
| 289 | 18.735 | 18.727 | 18.755 | VV | 19956  | 291960  | 7.56%  | 0.318% |
| 290 | 18.787 | 18.755 | 18.795 | VV | 18537  | 406567  | 10.53% | 0.443% |
| 291 | 18.829 | 18.795 | 18.862 | VV | 27866  | 914639  | 23.68% | 0.997% |
| 292 | 18.884 | 18.862 | 18.907 | VV | 28497  | 637494  | 16.51% | 0.695% |
| 293 | 18.933 | 18.907 | 18.955 | VV | 22969  | 610163  | 15.80% | 0.665% |
| 294 | 19.010 | 18.955 | 19.032 | VV | 25876  | 1055891 | 27.34% | 1.151% |
| 295 | 19.085 | 19.032 | 19.117 | VV | 73618  | 2143310 | 55.50% | 2.337% |
| 296 | 19.128 | 19.117 | 19.146 | VV | 35131  | 554381  | 14.36% | 0.604% |
| 297 | 19.157 | 19.146 | 19.176 | VV | 32562  | 531831  | 13.77% | 0.580% |
| 298 | 19.206 | 19.176 | 19.236 | VV | 48063  | 1407449 | 36.44% | 1.535% |
| 299 | 19.258 | 19.236 | 19.292 | VV | 52716  | 1308590 | 33.88% | 1.427% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 19.304 | 19.292 | 19.329 | VV | 30577  | 630191  | 16.32% | 0.687% |
| 301 | 19.373 | 19.329 | 19.454 | VV | 60483  | 2873360 | 74.40% | 3.133% |
| 302 | 19.484 | 19.454 | 19.517 | VV | 37929  | 1286575 | 33.31% | 1.403% |
| 303 | 19.544 | 19.517 | 19.567 | VV | 43648  | 1189943 | 30.81% | 1.297% |
| 304 | 19.576 | 19.567 | 19.627 | VV | 42958  | 1376078 | 35.63% | 1.500% |
| 305 | 19.636 | 19.627 | 19.654 | VV | 36541  | 568182  | 14.71% | 0.620% |
| 306 | 19.669 | 19.654 | 19.681 | VV | 36746  | 568100  | 14.71% | 0.619% |
| 307 | 19.704 | 19.681 | 19.722 | VV | 38900  | 933473  | 24.17% | 1.018% |
| 308 | 19.750 | 19.722 | 19.761 | VV | 38866  | 866620  | 22.44% | 0.945% |
| 309 | 19.811 | 19.761 | 19.827 | VV | 42315  | 1590340 | 41.18% | 1.734% |
| 310 | 19.864 | 19.827 | 19.901 | VV | 61678  | 2171055 | 56.22% | 2.367% |
| 311 | 19.917 | 19.901 | 19.937 | VV | 47810  | 1005782 | 26.04% | 1.097% |
| 312 | 19.988 | 19.937 | 20.008 | VV | 48107  | 1954638 | 50.61% | 2.131% |
| 313 | 20.037 | 20.008 | 20.051 | VV | 50049  | 1189146 | 30.79% | 1.297% |
| 314 | 20.062 | 20.051 | 20.077 | VV | 48220  | 741845  | 19.21% | 0.809% |
| 315 | 20.155 | 20.077 | 20.167 | VV | 53434  | 2641176 | 68.39% | 2.880% |
| 316 | 20.218 | 20.167 | 20.234 | VV | 60725  | 2216809 | 57.40% | 2.417% |
| 317 | 20.245 | 20.234 | 20.261 | VV | 56493  | 889615  | 23.04% | 0.970% |
| 318 | 20.274 | 20.261 | 20.291 | VV | 57456  | 1047036 | 27.11% | 1.142% |
| 319 | 20.315 | 20.291 | 20.338 | VV | 62293  | 1627636 | 42.15% | 1.775% |
| 320 | 20.354 | 20.338 | 20.363 | VV | 57927  | 846076  | 21.91% | 0.923% |
| 321 | 20.390 | 20.363 | 20.428 | VV | 63118  | 2271754 | 58.82% | 2.477% |
| 322 | 20.450 | 20.428 | 20.477 | VV | 62279  | 1707662 | 44.22% | 1.862% |
| 323 | 20.494 | 20.477 | 20.529 | VV | 57135  | 1674801 | 43.37% | 1.826% |
| 324 | 20.537 | 20.529 | 20.557 | VV | 52481  | 876009  | 22.68% | 0.955% |
| 325 | 20.578 | 20.557 | 20.629 | VV | 54659  | 2176600 | 56.36% | 2.373% |
| 326 | 20.657 | 20.629 | 20.669 | VV | 48295  | 1116787 | 28.92% | 1.218% |
| 327 | 20.729 | 20.669 | 20.757 | VV | 54020  | 2654205 | 68.73% | 2.894% |
| 328 | 20.767 | 20.757 | 20.785 | VV | 49617  | 800072  | 20.72% | 0.872% |
| 329 | 20.811 | 20.785 | 20.859 | VV | 51737  | 2129979 | 55.15% | 2.322% |
| 330 | 20.866 | 20.859 | 20.877 | VV | 42721  | 452645  | 11.72% | 0.494% |
| 331 | 20.882 | 20.877 | 20.904 | VV | 43903  | 661095  | 17.12% | 0.721% |
| 332 | 20.913 | 20.904 | 20.921 | VV | 40765  | 388462  | 10.06% | 0.424% |
| 333 | 20.936 | 20.921 | 20.952 | VV | 39599  | 732478  | 18.97% | 0.799% |
| 334 | 20.980 | 20.952 | 21.037 | VV | 42133  | 1910490 | 49.47% | 2.083% |
| 335 | 21.050 | 21.037 | 21.066 | VV | 35702  | 577183  | 14.95% | 0.629% |
| 336 | 21.101 | 21.066 | 21.130 | VV | 35801  | 1303284 | 33.75% | 1.421% |
| 337 | 21.157 | 21.130 | 21.195 | VV | 34396  | 1240241 | 32.11% | 1.352% |
| 338 | 21.206 | 21.195 | 21.217 | VV | 29180  | 375498  | 9.72%  | 0.409% |
| 339 | 21.227 | 21.217 | 21.241 | VV | 29347  | 402029  | 10.41% | 0.438% |
| 340 | 21.250 | 21.241 | 21.260 | VV | 28750  | 332364  | 8.61%  | 0.362% |
| 341 | 21.275 | 21.260 | 21.302 | VV | 28202  | 678958  | 17.58% | 0.740% |
| 342 | 21.312 | 21.302 | 21.357 | VV | 27099  | 812819  | 21.05% | 0.886% |
| 343 | 21.385 | 21.357 | 21.404 | VV | 24628  | 637997  | 16.52% | 0.696% |
| 344 | 21.433 | 21.404 | 21.472 | VV | 26290  | 933915  | 24.18% | 1.018% |
| 345 | 21.480 | 21.472 | 21.494 | VV | 19957  | 251199  | 6.50%  | 0.274% |
| 346 | 21.501 | 21.494 | 21.531 | VV | 19393  | 391426  | 10.14% | 0.427% |
| 347 | 21.549 | 21.531 | 21.599 | VV | 20206  | 690602  | 17.88% | 0.753% |
| 348 | 21.607 | 21.599 | 21.621 | VV | 15001  | 185251  | 4.80%  | 0.202% |
| 349 | 21.627 | 21.621 | 21.647 | VV | 14684  | 215613  | 5.58%  | 0.235% |
| 350 | 21.681 | 21.647 | 21.716 | VV | 14716  | 530610  | 13.74% | 0.579% |
| 351 | 21.745 | 21.716 | 21.801 | VV | 13894  | 584633  | 15.14% | 0.637% |

|     |        |        |        |    |                         |          |       |        |
|-----|--------|--------|--------|----|-------------------------|----------|-------|--------|
|     |        |        |        |    |                         | rteres   |       |        |
| 352 | 21.834 | 21.801 | 21.871 | VV | 10560                   | 361419   | 9.36% | 0.394% |
| 353 | 21.879 | 21.871 | 21.889 | VV | 6849                    | 66817    | 1.73% | 0.073% |
| 354 | 21.903 | 21.889 | 21.922 | VV | 8067                    | 133393   | 3.45% | 0.145% |
| 355 | 21.950 | 21.922 | 21.999 | VV | 9593                    | 262187   | 6.79% | 0.286% |
| 356 | 22.019 | 21.999 | 22.034 | VV | 2579                    | 34835    | 0.90% | 0.038% |
| 357 | 22.039 | 22.034 | 22.048 | VV | 1510                    | 6935     | 0.18% | 0.008% |
|     |        |        |        |    | Sum of corrected areas: | 91711975 |       |        |

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