

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC011620AL\  
 Data File : FC045363.D  
 Signal(s) : FID1A.CH  
 Acq On : 16 Jan 2020 22:42  
 Sample : L1006-03  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 122319.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         | 3.514       | 3.482        | 3.535      | BV       | 187            | 2541         | 0.05%          | 0.004%        |
| 2         | 3.546       | 3.535        | 3.576      | VV       | 115            | 1402         | 0.03%          | 0.002%        |
| 3         | 3.584       | 3.576        | 3.634      | VV       | 102            | 2047         | 0.04%          | 0.003%        |
| 4         | 3.667       | 3.656        | 3.681      | VV       | 145            | 1011         | 0.02%          | 0.002%        |
| 5         | 3.717       | 3.702        | 3.753      | PV       | 167            | 2088         | 0.04%          | 0.003%        |
| 6         | 3.806       | 3.776        | 3.872      | VV       | 175            | 4822         | 0.10%          | 0.008%        |
| 7         | 3.892       | 3.872        | 3.914      | PV       | 218            | 3298         | 0.07%          | 0.005%        |
| 8         | 3.921       | 3.914        | 3.930      | VV       | 143            | 1153         | 0.02%          | 0.002%        |
| 9         | 3.944       | 3.930        | 3.953      | VV       | 108            | 1698         | 0.03%          | 0.003%        |
| 10        | 3.964       | 3.953        | 3.976      | VV       | 226            | 2042         | 0.04%          | 0.003%        |
| 11        | 3.987       | 3.976        | 4.004      | VV       | 187            | 2258         | 0.05%          | 0.004%        |
| 12        | 4.013       | 4.004        | 4.024      | VV       | 158            | 1670         | 0.03%          | 0.003%        |
| 13        | 4.031       | 4.024        | 4.057      | VV       | 128            | 1936         | 0.04%          | 0.003%        |
| 14        | 4.067       | 4.057        | 4.076      | VV       | 181            | 1366         | 0.03%          | 0.002%        |
| 15        | 4.102       | 4.076        | 4.129      | VV       | 218            | 4550         | 0.09%          | 0.007%        |
| 16        | 4.177       | 4.129        | 4.203      | VV       | 1103           | 14642        | 0.30%          | 0.023%        |
| 17        | 4.216       | 4.203        | 4.244      | VV       | 355            | 6127         | 0.12%          | 0.010%        |
| 18        | 4.275       | 4.244        | 4.321      | VV       | 206            | 7225         | 0.15%          | 0.011%        |
| 19        | 4.360       | 4.321        | 4.373      | VV       | 385            | 5047         | 0.10%          | 0.008%        |
| 20        | 4.389       | 4.373        | 4.446      | VV       | 425            | 9484         | 0.19%          | 0.015%        |
| 21        | 4.461       | 4.446        | 4.486      | VV       | 232            | 3152         | 0.06%          | 0.005%        |
| 22        | 4.524       | 4.486        | 4.537      | PV       | 218            | 4395         | 0.09%          | 0.007%        |
| 23        | 4.545       | 4.537        | 4.566      | VV       | 214            | 2160         | 0.04%          | 0.003%        |
| 24        | 4.589       | 4.566        | 4.605      | VV       | 312            | 4288         | 0.09%          | 0.007%        |
| 25        | 4.614       | 4.605        | 4.629      | VV       | 200            | 2071         | 0.04%          | 0.003%        |
| 26        | 4.639       | 4.629        | 4.654      | VV       | 247            | 2786         | 0.06%          | 0.004%        |
| 27        | 4.663       | 4.654        | 4.685      | VV       | 264            | 2891         | 0.06%          | 0.005%        |
| 28        | 4.700       | 4.685        | 4.722      | VV       | 177            | 2569         | 0.05%          | 0.004%        |
| 29        | 4.739       | 4.722        | 4.784      | VV       | 308            | 6080         | 0.12%          | 0.010%        |
| 30        | 4.796       | 4.784        | 4.829      | VV       | 287            | 4996         | 0.10%          | 0.008%        |
| 31        | 4.842       | 4.829        | 4.862      | VV       | 167            | 2031         | 0.04%          | 0.003%        |
| 32        | 4.877       | 4.862        | 4.913      | VV       | 189            | 3225         | 0.07%          | 0.005%        |
| 33        | 4.939       | 4.913        | 4.960      | VV       | 230            | 4250         | 0.09%          | 0.007%        |
| 34        | 4.976       | 4.960        | 4.995      | VV       | 260            | 3775         | 0.08%          | 0.006%        |
| 35        | 5.009       | 4.995        | 5.037      | VV       | 242            | 3963         | 0.08%          | 0.006%        |
| 36        | 5.047       | 5.037        | 5.064      | VV       | 193            | 2544         | 0.05%          | 0.004%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.076 | 5.064 | 5.088 | VV | 210    | 1770  | 0.04% | 0.003% |
| 38 | 5.096 | 5.088 | 5.149 | VV | 184    | 3907  | 0.08% | 0.006% |
| 39 | 5.187 | 5.149 | 5.209 | PV | 246    | 4493  | 0.09% | 0.007% |
| 40 | 5.224 | 5.209 | 5.259 | VV | 392    | 7004  | 0.14% | 0.011% |
| 41 | 5.278 | 5.259 | 5.302 | VV | 260    | 4278  | 0.09% | 0.007% |
| 42 | 5.333 | 5.302 | 5.397 | VV | 332    | 8372  | 0.17% | 0.013% |
| 43 | 5.412 | 5.397 | 5.421 | PV | 158    | 1282  | 0.03% | 0.002% |
| 44 | 5.450 | 5.421 | 5.497 | VV | 554    | 11383 | 0.23% | 0.018% |
| 45 | 5.513 | 5.497 | 5.554 | VV | 303    | 6154  | 0.12% | 0.010% |
| 46 | 5.582 | 5.554 | 5.609 | VV | 160    | 3802  | 0.08% | 0.006% |
| 47 | 5.626 | 5.609 | 5.651 | VV | 680    | 10328 | 0.21% | 0.016% |
| 48 | 5.668 | 5.651 | 5.692 | VV | 853    | 10703 | 0.22% | 0.017% |
| 49 | 5.698 | 5.692 | 5.710 | VV | 279    | 2002  | 0.04% | 0.003% |
| 50 | 5.721 | 5.710 | 5.798 | VV | 276    | 9207  | 0.19% | 0.015% |
| 51 | 5.823 | 5.798 | 5.883 | VV | 417    | 9089  | 0.18% | 0.014% |
| 52 | 5.925 | 5.883 | 5.956 | VV | 501    | 10485 | 0.21% | 0.017% |
| 53 | 5.971 | 5.956 | 5.989 | VV | 335    | 3559  | 0.07% | 0.006% |
| 54 | 6.014 | 5.989 | 6.031 | VV | 448    | 5969  | 0.12% | 0.009% |
| 55 | 6.041 | 6.031 | 6.071 | VV | 279    | 4389  | 0.09% | 0.007% |
| 56 | 6.086 | 6.071 | 6.114 | VV | 368    | 4468  | 0.09% | 0.007% |
| 57 | 6.138 | 6.114 | 6.154 | PV | 363    | 5037  | 0.10% | 0.008% |
| 58 | 6.192 | 6.154 | 6.211 | VV | 1157   | 20526 | 0.41% | 0.032% |
| 59 | 6.218 | 6.211 | 6.251 | VV | 469    | 7159  | 0.14% | 0.011% |
| 60 | 6.263 | 6.251 | 6.294 | VV | 332    | 5492  | 0.11% | 0.009% |
| 61 | 6.315 | 6.294 | 6.345 | VV | 737    | 12238 | 0.25% | 0.019% |
| 62 | 6.361 | 6.345 | 6.391 | VV | 304    | 5781  | 0.12% | 0.009% |
| 63 | 6.402 | 6.391 | 6.424 | VV | 306    | 4843  | 0.10% | 0.008% |
| 64 | 6.455 | 6.424 | 6.472 | VV | 715    | 11173 | 0.23% | 0.018% |
| 65 | 6.491 | 6.472 | 6.517 | VV | 321    | 6439  | 0.13% | 0.010% |
| 66 | 6.558 | 6.517 | 6.581 | VV | 537    | 11372 | 0.23% | 0.018% |
| 67 | 6.605 | 6.581 | 6.625 | VV | 1765   | 20191 | 0.41% | 0.032% |
| 68 | 6.636 | 6.625 | 6.675 | VV | 401    | 6984  | 0.14% | 0.011% |
| 69 | 6.697 | 6.675 | 6.712 | VV | 239    | 3724  | 0.08% | 0.006% |
| 70 | 6.726 | 6.712 | 6.733 | VV | 266    | 2923  | 0.06% | 0.005% |
| 71 | 6.753 | 6.733 | 6.777 | VV | 839    | 12150 | 0.25% | 0.019% |
| 72 | 6.812 | 6.777 | 6.852 | VV | 398    | 10267 | 0.21% | 0.016% |
| 73 | 6.896 | 6.852 | 6.915 | PV | 521    | 11453 | 0.23% | 0.018% |
| 74 | 6.951 | 6.915 | 6.977 | VV | 482    | 11571 | 0.23% | 0.018% |
| 75 | 7.020 | 6.977 | 7.046 | VV | 1627   | 21813 | 0.44% | 0.034% |
| 76 | 7.085 | 7.046 | 7.105 | VV | 478    | 11540 | 0.23% | 0.018% |
| 77 | 7.120 | 7.105 | 7.151 | VV | 681    | 13064 | 0.26% | 0.021% |
| 78 | 7.169 | 7.151 | 7.191 | VV | 722    | 12442 | 0.25% | 0.020% |
| 79 | 7.205 | 7.191 | 7.231 | VV | 660    | 10653 | 0.22% | 0.017% |
| 80 | 7.248 | 7.231 | 7.287 | VV | 1951   | 31367 | 0.63% | 0.049% |
| 81 | 7.307 | 7.287 | 7.354 | VV | 902    | 19561 | 0.40% | 0.031% |
| 82 | 7.382 | 7.354 | 7.441 | VV | 1282   | 29677 | 0.60% | 0.047% |
| 83 | 7.453 | 7.441 | 7.483 | VV | 352    | 6430  | 0.13% | 0.010% |
| 84 | 7.526 | 7.483 | 7.566 | VV | 5483   | 70390 | 1.42% | 0.111% |
| 85 | 7.583 | 7.566 | 7.601 | VV | 876    | 10807 | 0.22% | 0.017% |
| 86 | 7.614 | 7.601 | 7.677 | VV | 513    | 13544 | 0.27% | 0.021% |
| 87 | 7.709 | 7.677 | 7.726 | VV | 973    | 17139 | 0.35% | 0.027% |
| 88 | 7.737 | 7.726 | 7.752 | VV | 764    | 8498  | 0.17% | 0.013% |
| 89 | 7.764 | 7.752 | 7.802 | VV | 479    | 7042  | 0.14% | 0.011% |

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|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.930  | 7.917  | 7.940  | VV | 1106   | 13365  | 0.27% | 0.021% |
| 91  | 7.973  | 7.940  | 7.993  | VV | 1520   | 37551  | 0.76% | 0.059% |
| 92  | 8.004  | 7.993  | 8.028  | VV | 1157   | 17101  | 0.35% | 0.027% |
| 93  | 8.049  | 8.028  | 8.072  | VV | 1308   | 19349  | 0.39% | 0.030% |
| 94  | 8.092  | 8.072  | 8.112  | VV | 1178   | 17609  | 0.36% | 0.028% |
| 95  | 8.147  | 8.112  | 8.162  | VV | 2084   | 31014  | 0.63% | 0.049% |
| 96  | 8.170  | 8.162  | 8.194  | VV | 1026   | 11410  | 0.23% | 0.018% |
| 97  | 8.218  | 8.194  | 8.247  | VV | 2139   | 32520  | 0.66% | 0.051% |
| 98  | 8.255  | 8.247  | 8.268  | VV | 667    | 7180   | 0.15% | 0.011% |
| 99  | 8.314  | 8.268  | 8.327  | VV | 1040   | 27303  | 0.55% | 0.043% |
| 100 | 8.342  | 8.327  | 8.354  | VV | 1666   | 20915  | 0.42% | 0.033% |
| 101 | 8.364  | 8.354  | 8.376  | VV | 1633   | 19121  | 0.39% | 0.030% |
| 102 | 8.396  | 8.376  | 8.433  | VV | 7487   | 97941  | 1.98% | 0.154% |
| 103 | 8.464  | 8.433  | 8.497  | VV | 7391   | 96437  | 1.95% | 0.152% |
| 104 | 8.513  | 8.497  | 8.554  | VV | 1237   | 28382  | 0.57% | 0.045% |
| 105 | 8.573  | 8.554  | 8.607  | VV | 1104   | 22598  | 0.46% | 0.036% |
| 106 | 8.630  | 8.607  | 8.661  | VV | 1135   | 23278  | 0.47% | 0.037% |
| 107 | 8.821  | 8.795  | 8.852  | VV | 7255   | 114688 | 2.32% | 0.181% |
| 108 | 8.864  | 8.852  | 8.901  | VV | 2053   | 48158  | 0.97% | 0.076% |
| 109 | 8.930  | 8.901  | 8.956  | VV | 3704   | 56862  | 1.15% | 0.090% |
| 110 | 8.981  | 8.956  | 8.997  | VV | 1252   | 19800  | 0.40% | 0.031% |
| 111 | 9.013  | 8.997  | 9.032  | VV | 900    | 13409  | 0.27% | 0.021% |
| 112 | 9.058  | 9.032  | 9.077  | VV | 1225   | 23296  | 0.47% | 0.037% |
| 113 | 9.094  | 9.077  | 9.116  | VV | 2792   | 35727  | 0.72% | 0.056% |
| 114 | 9.136  | 9.116  | 9.147  | VV | 1097   | 16498  | 0.33% | 0.026% |
| 115 | 9.158  | 9.147  | 9.187  | VV | 1040   | 21213  | 0.43% | 0.033% |
| 116 | 9.215  | 9.187  | 9.240  | VV | 8514   | 107341 | 2.17% | 0.169% |
| 117 | 9.329  | 9.326  | 9.345  | VV | 669    | 5916   | 0.12% | 0.009% |
| 118 | 9.383  | 9.345  | 9.404  | VV | 890    | 18952  | 0.38% | 0.030% |
| 119 | 9.417  | 9.404  | 9.447  | VV | 608    | 12922  | 0.26% | 0.020% |
| 120 | 9.459  | 9.447  | 9.476  | VV | 570    | 9006   | 0.18% | 0.014% |
| 121 | 9.516  | 9.476  | 9.524  | VV | 840    | 16483  | 0.33% | 0.026% |
| 122 | 9.539  | 9.524  | 9.572  | VV | 3043   | 45792  | 0.93% | 0.072% |
| 123 | 9.604  | 9.572  | 9.647  | VV | 6075   | 103690 | 2.10% | 0.163% |
| 124 | 9.676  | 9.647  | 9.702  | VV | 2076   | 43547  | 0.88% | 0.069% |
| 125 | 9.719  | 9.702  | 9.737  | VV | 1535   | 22304  | 0.45% | 0.035% |
| 126 | 9.753  | 9.737  | 9.762  | VV | 1372   | 15427  | 0.31% | 0.024% |
| 127 | 9.774  | 9.762  | 9.801  | VV | 1316   | 20064  | 0.41% | 0.032% |
| 128 | 9.818  | 9.801  | 9.867  | VV | 706    | 16763  | 0.34% | 0.026% |
| 129 | 9.927  | 9.867  | 9.966  | VV | 1366   | 47470  | 0.96% | 0.075% |
| 130 | 9.991  | 9.966  | 10.016 | VV | 8919   | 106613 | 2.15% | 0.168% |
| 131 | 10.025 | 10.016 | 10.043 | VV | 1328   | 15683  | 0.32% | 0.025% |
| 132 | 10.054 | 10.043 | 10.076 | VV | 716    | 10415  | 0.21% | 0.016% |
| 133 | 10.093 | 10.076 | 10.151 | VV | 506    | 14098  | 0.28% | 0.022% |
| 134 | 10.175 | 10.151 | 10.191 | PV | 410    | 6152   | 0.12% | 0.010% |
| 135 | 10.196 | 10.191 | 10.240 | VV | 406    | 5030   | 0.10% | 0.008% |
| 136 | 10.269 | 10.240 | 10.297 | VV | 384    | 5925   | 0.12% | 0.009% |
| 137 | 10.339 | 10.297 | 10.357 | VV | 1066   | 20593  | 0.42% | 0.032% |
| 138 | 10.380 | 10.357 | 10.414 | VV | 3639   | 55611  | 1.12% | 0.088% |
| 139 | 10.429 | 10.414 | 10.451 | VV | 1491   | 24846  | 0.50% | 0.039% |
| 140 | 10.470 | 10.451 | 10.506 | VV | 1633   | 35728  | 0.72% | 0.056% |
| 141 | 10.524 | 10.506 | 10.559 | VV | 1969   | 25178  | 0.51% | 0.040% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 10.605 | 10.559 | 10.616 | VV | 524    | 10836   | 0.22%   | 0.017% |
| 143 | 10.659 | 10.616 | 10.699 | VV | 1201   | 32265   | 0.65%   | 0.051% |
| 144 | 10.728 | 10.699 | 10.752 | VV | 8675   | 105462  | 2.13%   | 0.166% |
| 145 | 10.869 | 10.857 | 10.887 | VV | 627    | 8100    | 0.16%   | 0.013% |
| 146 | 10.900 | 10.887 | 10.920 | VV | 448    | 5668    | 0.11%   | 0.009% |
| 147 | 10.943 | 10.920 | 10.961 | VV | 469    | 7702    | 0.16%   | 0.012% |
| 148 | 11.082 | 11.057 | 11.105 | VV | 7473   | 100314  | 2.03%   | 0.158% |
| 149 | 11.121 | 11.105 | 11.167 | VV | 2234   | 48566   | 0.98%   | 0.077% |
| 150 | 11.181 | 11.167 | 11.200 | VV | 1275   | 16403   | 0.33%   | 0.026% |
| 151 | 11.210 | 11.200 | 11.219 | VV | 402    | 3973    | 0.08%   | 0.006% |
| 152 | 11.234 | 11.219 | 11.272 | VV | 777    | 13295   | 0.27%   | 0.021% |
| 153 | 11.294 | 11.272 | 11.334 | VV | 2321   | 34624   | 0.70%   | 0.055% |
| 154 | 11.359 | 11.334 | 11.380 | VV | 1036   | 14533   | 0.29%   | 0.023% |
| 155 | 11.429 | 11.380 | 11.466 | VV | 7554   | 103751  | 2.10%   | 0.164% |
| 156 | 11.478 | 11.466 | 11.489 | VV | 877    | 9611    | 0.19%   | 0.015% |
| 157 | 11.521 | 11.489 | 11.559 | VV | 3259   | 68782   | 1.39%   | 0.108% |
| 158 | 11.593 | 11.559 | 11.611 | VV | 444    | 6293    | 0.13%   | 0.010% |
| 159 | 11.628 | 11.611 | 11.642 | PV | 368    | 4469    | 0.09%   | 0.007% |
| 160 | 11.661 | 11.642 | 11.676 | VV | 461    | 5747    | 0.12%   | 0.009% |
| 161 | 11.763 | 11.676 | 11.792 | VV | 321765 | 3601310 | 72.78%  | 5.676% |
| 162 | 11.808 | 11.792 | 11.823 | VV | 2744   | 37446   | 0.76%   | 0.059% |
| 163 | 11.839 | 11.823 | 11.876 | VV | 3416   | 57945   | 1.17%   | 0.091% |
| 164 | 11.925 | 11.876 | 11.944 | VV | 5249   | 83242   | 1.68%   | 0.131% |
| 165 | 11.957 | 11.944 | 11.971 | VV | 1760   | 20291   | 0.41%   | 0.032% |
| 166 | 11.989 | 11.971 | 12.013 | VV | 4035   | 48375   | 0.98%   | 0.076% |
| 167 | 12.029 | 12.013 | 12.039 | VV | 445    | 4209    | 0.09%   | 0.007% |
| 168 | 12.098 | 12.039 | 12.121 | VV | 6048   | 93677   | 1.89%   | 0.148% |
| 169 | 12.149 | 12.121 | 12.195 | VV | 56523  | 635598  | 12.84%  | 1.002% |
| 170 | 12.205 | 12.195 | 12.252 | VV | 685    | 13230   | 0.27%   | 0.021% |
| 171 | 12.274 | 12.252 | 12.293 | VV | 1546   | 19054   | 0.39%   | 0.030% |
| 172 | 12.307 | 12.293 | 12.321 | VV | 417    | 5103    | 0.10%   | 0.008% |
| 173 | 12.344 | 12.321 | 12.444 | VV | 19596  | 248691  | 5.03%   | 0.392% |
| 174 | 12.478 | 12.444 | 12.499 | VV | 893    | 21664   | 0.44%   | 0.034% |
| 175 | 12.511 | 12.499 | 12.534 | VV | 978    | 13581   | 0.27%   | 0.021% |
| 176 | 12.555 | 12.534 | 12.577 | VV | 731    | 13708   | 0.28%   | 0.022% |
| 177 | 12.615 | 12.577 | 12.641 | VV | 1466   | 27280   | 0.55%   | 0.043% |
| 178 | 12.665 | 12.641 | 12.687 | PV | 957    | 15580   | 0.31%   | 0.025% |
| 179 | 12.707 | 12.687 | 12.719 | VV | 1522   | 19510   | 0.39%   | 0.031% |
| 180 | 12.736 | 12.719 | 12.758 | VV | 6294   | 75898   | 1.53%   | 0.120% |
| 181 | 12.769 | 12.758 | 12.781 | VV | 1041   | 11343   | 0.23%   | 0.018% |
| 182 | 12.825 | 12.781 | 12.870 | VV | 51016  | 599143  | 12.11%  | 0.944% |
| 183 | 12.887 | 12.870 | 12.909 | VV | 600    | 8727    | 0.18%   | 0.014% |
| 184 | 12.924 | 12.909 | 12.934 | PV | 166    | 1350    | 0.03%   | 0.002% |
| 185 | 12.977 | 12.934 | 12.985 | VV | 721    | 11437   | 0.23%   | 0.018% |
| 186 | 13.012 | 12.985 | 13.031 | VV | 1814   | 28335   | 0.57%   | 0.045% |
| 187 | 13.047 | 13.031 | 13.077 | VV | 1477   | 24161   | 0.49%   | 0.038% |
| 188 | 13.126 | 13.077 | 13.144 | VV | 40253  | 464461  | 9.39%   | 0.732% |
| 189 | 13.186 | 13.144 | 13.207 | VV | 283012 | 4948478 | 100.00% | 7.799% |
| 190 | 13.226 | 13.207 | 13.249 | VV | 184898 | 2176312 | 43.98%  | 3.430% |
| 191 | 13.258 | 13.249 | 13.285 | VV | 15299  | 193157  | 3.90%   | 0.304% |
| 192 | 13.297 | 13.285 | 13.315 | VV | 2655   | 35767   | 0.72%   | 0.056% |
| 193 | 13.347 | 13.315 | 13.357 | VV | 4636   | 64801   | 1.31%   | 0.102% |
| 194 | 13.366 | 13.357 | 13.377 | VV | 4286   | 43785   | 0.88%   | 0.069% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 195 | 13.400 | 13.377 | 13.454 | VV | 22127  | 386136 | 7.80% | 0.609% |
| 196 | 13.461 | 13.454 | 13.500 | VV | 2412   | 40440  | 0.82% | 0.064% |
| 197 | 13.520 | 13.500 | 13.556 | VV | 1376   | 28440  | 0.57% | 0.045% |
| 198 | 13.579 | 13.556 | 13.644 | VV | 5155   | 91749  | 1.85% | 0.145% |
| 199 | 13.699 | 13.644 | 13.761 | VV | 6927   | 164340 | 3.32% | 0.259% |
| 200 | 13.777 | 13.761 | 13.794 | VV | 854    | 10222  | 0.21% | 0.016% |
| 201 | 13.819 | 13.794 | 13.845 | PV | 4854   | 65342  | 1.32% | 0.103% |
| 202 | 13.862 | 13.845 | 13.879 | VV | 1817   | 22294  | 0.45% | 0.035% |
| 203 | 13.899 | 13.879 | 13.913 | VV | 1717   | 25099  | 0.51% | 0.040% |
| 204 | 13.932 | 13.913 | 13.954 | VV | 4357   | 57198  | 1.16% | 0.090% |
| 205 | 13.988 | 13.954 | 14.011 | VV | 2036   | 45847  | 0.93% | 0.072% |
| 206 | 14.032 | 14.011 | 14.071 | VV | 2141   | 33145  | 0.67% | 0.052% |
| 207 | 14.082 | 14.071 | 14.099 | VV | 249    | 1879   | 0.04% | 0.003% |
| 208 | 14.109 | 14.099 | 14.121 | PV | 172    | 1346   | 0.03% | 0.002% |
| 209 | 14.196 | 14.121 | 14.214 | VV | 4002   | 64666  | 1.31% | 0.102% |
| 210 | 14.233 | 14.214 | 14.267 | VV | 2216   | 39697  | 0.80% | 0.063% |
| 211 | 14.285 | 14.267 | 14.307 | VV | 881    | 12662  | 0.26% | 0.020% |
| 212 | 14.337 | 14.307 | 14.358 | VV | 2796   | 48150  | 0.97% | 0.076% |
| 213 | 14.386 | 14.358 | 14.435 | VV | 3773   | 81512  | 1.65% | 0.128% |
| 214 | 14.452 | 14.435 | 14.471 | VV | 1655   | 21978  | 0.44% | 0.035% |
| 215 | 14.493 | 14.471 | 14.519 | VV | 3670   | 53822  | 1.09% | 0.085% |
| 216 | 14.550 | 14.519 | 14.594 | VV | 4356   | 75881  | 1.53% | 0.120% |
| 217 | 14.625 | 14.594 | 14.645 | VV | 2858   | 42169  | 0.85% | 0.066% |
| 218 | 14.691 | 14.645 | 14.714 | VV | 3842   | 64262  | 1.30% | 0.101% |
| 219 | 14.728 | 14.714 | 14.741 | VV | 1452   | 18416  | 0.37% | 0.029% |
| 220 | 14.752 | 14.741 | 14.770 | VV | 1487   | 18491  | 0.37% | 0.029% |
| 221 | 14.789 | 14.770 | 14.799 | VV | 544    | 7918   | 0.16% | 0.012% |
| 222 | 14.811 | 14.799 | 14.829 | VV | 760    | 7308   | 0.15% | 0.012% |
| 223 | 14.875 | 14.829 | 14.912 | VV | 1699   | 32885  | 0.66% | 0.052% |
| 224 | 14.924 | 14.912 | 14.936 | PV | 286    | 2890   | 0.06% | 0.005% |
| 225 | 14.953 | 14.936 | 14.966 | VV | 901    | 10764  | 0.22% | 0.017% |
| 226 | 14.999 | 14.966 | 15.018 | VV | 17932  | 225706 | 4.56% | 0.356% |
| 227 | 15.040 | 15.018 | 15.072 | VV | 19305  | 262730 | 5.31% | 0.414% |
| 228 | 15.081 | 15.072 | 15.105 | VV | 1048   | 12608  | 0.25% | 0.020% |
| 229 | 15.163 | 15.105 | 15.206 | VV | 4861   | 78532  | 1.59% | 0.124% |
| 230 | 15.245 | 15.206 | 15.267 | VV | 982    | 21061  | 0.43% | 0.033% |
| 231 | 15.304 | 15.267 | 15.326 | PV | 1308   | 20547  | 0.42% | 0.032% |
| 232 | 15.343 | 15.326 | 15.385 | VV | 1397   | 35985  | 0.73% | 0.057% |
| 233 | 15.416 | 15.385 | 15.499 | VV | 20200  | 395988 | 8.00% | 0.624% |
| 234 | 15.509 | 15.499 | 15.527 | VV | 725    | 7941   | 0.16% | 0.013% |
| 235 | 15.551 | 15.527 | 15.577 | VV | 4718   | 66030  | 1.33% | 0.104% |
| 236 | 15.609 | 15.577 | 15.622 | VV | 2313   | 35953  | 0.73% | 0.057% |
| 237 | 15.637 | 15.622 | 15.655 | VV | 3056   | 40423  | 0.82% | 0.064% |
| 238 | 15.671 | 15.655 | 15.696 | VV | 2561   | 35693  | 0.72% | 0.056% |
| 239 | 15.711 | 15.696 | 15.744 | VV | 1221   | 18543  | 0.37% | 0.029% |
| 240 | 15.759 | 15.744 | 15.794 | VV | 714    | 10233  | 0.21% | 0.016% |
| 241 | 15.821 | 15.794 | 15.882 | PV | 2316   | 54480  | 1.10% | 0.086% |
| 242 | 15.908 | 15.882 | 15.927 | VV | 834    | 11507  | 0.23% | 0.018% |
| 243 | 15.947 | 15.927 | 15.962 | VV | 446    | 7365   | 0.15% | 0.012% |
| 244 | 15.967 | 15.962 | 15.979 | VV | 309    | 2084   | 0.04% | 0.003% |
| 245 | 15.994 | 15.979 | 16.009 | PV | 745    | 7036   | 0.14% | 0.011% |
| 246 | 16.050 | 16.009 | 16.081 | VV | 6779   | 94038  | 1.90% | 0.148% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 247 | 16.108 | 16.081 | 16.131 | VV | 1227   | 24301  | 0.49%  | 0.038% |
| 248 | 16.143 | 16.131 | 16.159 | VV | 535    | 4858   | 0.10%  | 0.008% |
| 249 | 16.265 | 16.159 | 16.322 | PV | 2032   | 70412  | 1.42%  | 0.111% |
| 250 | 16.357 | 16.322 | 16.392 | VV | 2123   | 48571  | 0.98%  | 0.077% |
| 251 | 16.435 | 16.392 | 16.457 | VV | 2117   | 48504  | 0.98%  | 0.076% |
| 252 | 16.468 | 16.457 | 16.492 | VV | 1598   | 23238  | 0.47%  | 0.037% |
| 253 | 16.533 | 16.492 | 16.541 | VV | 9108   | 109676 | 2.22%  | 0.173% |
| 254 | 16.559 | 16.541 | 16.577 | VV | 17775  | 257318 | 5.20%  | 0.406% |
| 255 | 16.586 | 16.577 | 16.620 | VV | 7585   | 95304  | 1.93%  | 0.150% |
| 256 | 16.627 | 16.620 | 16.635 | VV | 865    | 5784   | 0.12%  | 0.009% |
| 257 | 16.690 | 16.635 | 16.711 | VV | 3994   | 75332  | 1.52%  | 0.119% |
| 258 | 16.739 | 16.711 | 16.756 | VV | 1605   | 33367  | 0.67%  | 0.053% |
| 259 | 16.766 | 16.756 | 16.792 | VV | 946    | 16718  | 0.34%  | 0.026% |
| 260 | 16.881 | 16.792 | 16.912 | PV | 12215  | 224832 | 4.54%  | 0.354% |
| 261 | 16.939 | 16.912 | 16.969 | VV | 14134  | 196304 | 3.97%  | 0.309% |
| 262 | 16.998 | 16.969 | 17.021 | VV | 12306  | 170731 | 3.45%  | 0.269% |
| 263 | 17.043 | 17.021 | 17.109 | VV | 10496  | 182711 | 3.69%  | 0.288% |
| 264 | 17.116 | 17.109 | 17.159 | VV | 1048   | 17003  | 0.34%  | 0.027% |
| 265 | 17.189 | 17.159 | 17.214 | VV | 1070   | 19858  | 0.40%  | 0.031% |
| 266 | 17.240 | 17.214 | 17.257 | VV | 779    | 12198  | 0.25%  | 0.019% |
| 267 | 17.297 | 17.257 | 17.311 | PV | 1798   | 42435  | 0.86%  | 0.067% |
| 268 | 17.336 | 17.311 | 17.356 | VV | 2585   | 51284  | 1.04%  | 0.081% |
| 269 | 17.381 | 17.356 | 17.399 | VV | 2211   | 45727  | 0.92%  | 0.072% |
| 270 | 17.407 | 17.399 | 17.422 | VV | 1789   | 22504  | 0.45%  | 0.035% |
| 271 | 17.447 | 17.422 | 17.480 | VV | 15375  | 230232 | 4.65%  | 0.363% |
| 272 | 17.513 | 17.480 | 17.530 | PV | 1920   | 40393  | 0.82%  | 0.064% |
| 273 | 17.540 | 17.530 | 17.556 | VV | 1570   | 20184  | 0.41%  | 0.032% |
| 274 | 17.583 | 17.556 | 17.624 | VV | 4317   | 93605  | 1.89%  | 0.148% |
| 275 | 17.643 | 17.624 | 17.667 | VV | 1799   | 30538  | 0.62%  | 0.048% |
| 276 | 17.677 | 17.667 | 17.691 | VV | 1171   | 11779  | 0.24%  | 0.019% |
| 277 | 17.740 | 17.691 | 17.762 | VV | 5570   | 96698  | 1.95%  | 0.152% |
| 278 | 17.778 | 17.762 | 17.792 | VV | 1396   | 19569  | 0.40%  | 0.031% |
| 279 | 17.816 | 17.792 | 17.829 | VV | 2180   | 36762  | 0.74%  | 0.058% |
| 280 | 17.884 | 17.829 | 17.934 | VV | 14249  | 277739 | 5.61%  | 0.438% |
| 281 | 17.941 | 17.934 | 17.952 | VV | 1319   | 11626  | 0.23%  | 0.018% |
| 282 | 17.987 | 17.952 | 17.997 | VV | 2358   | 46390  | 0.94%  | 0.073% |
| 283 | 18.059 | 17.997 | 18.089 | VV | 8207   | 206053 | 4.16%  | 0.325% |
| 284 | 18.100 | 18.089 | 18.124 | VV | 3638   | 55619  | 1.12%  | 0.088% |
| 285 | 18.158 | 18.124 | 18.179 | VV | 3417   | 82899  | 1.68%  | 0.131% |
| 286 | 18.256 | 18.179 | 18.278 | VV | 10457  | 363742 | 7.35%  | 0.573% |
| 287 | 18.308 | 18.278 | 18.336 | VV | 23414  | 414944 | 8.39%  | 0.654% |
| 288 | 18.363 | 18.336 | 18.372 | VV | 4621   | 88470  | 1.79%  | 0.139% |
| 289 | 18.396 | 18.372 | 18.404 | VV | 5972   | 91410  | 1.85%  | 0.144% |
| 290 | 18.426 | 18.404 | 18.488 | VV | 10317  | 343930 | 6.95%  | 0.542% |
| 291 | 18.498 | 18.488 | 18.515 | VV | 5268   | 77014  | 1.56%  | 0.121% |
| 292 | 18.567 | 18.515 | 18.589 | VV | 14151  | 336791 | 6.81%  | 0.531% |
| 293 | 18.614 | 18.589 | 18.624 | VV | 5914   | 115988 | 2.34%  | 0.183% |
| 294 | 18.643 | 18.624 | 18.663 | VV | 6180   | 124449 | 2.51%  | 0.196% |
| 295 | 18.710 | 18.663 | 18.759 | VV | 19113  | 526850 | 10.65% | 0.830% |
| 296 | 18.807 | 18.759 | 18.824 | VV | 8591   | 265225 | 5.36%  | 0.418% |
| 297 | 18.843 | 18.824 | 18.869 | VV | 12559  | 270245 | 5.46%  | 0.426% |
| 298 | 18.897 | 18.869 | 18.933 | VV | 10972  | 356674 | 7.21%  | 0.562% |
| 299 | 18.942 | 18.933 | 18.964 | VV | 8716   | 148857 | 3.01%  | 0.235% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 18.994 | 18.964 | 19.005 | VV | 9481   | 201816  | 4.08%  | 0.318% |
| 301 | 19.024 | 19.005 | 19.036 | VV | 9725   | 164444  | 3.32%  | 0.259% |
| 302 | 19.110 | 19.036 | 19.139 | VV | 19615  | 807079  | 16.31% | 1.272% |
| 303 | 19.176 | 19.139 | 19.204 | VV | 13965  | 451466  | 9.12%  | 0.712% |
| 304 | 19.241 | 19.204 | 19.251 | VV | 14443  | 308225  | 6.23%  | 0.486% |
| 305 | 19.263 | 19.251 | 19.284 | VV | 12631  | 241435  | 4.88%  | 0.381% |
| 306 | 19.310 | 19.284 | 19.331 | VV | 13722  | 339779  | 6.87%  | 0.536% |
| 307 | 19.351 | 19.331 | 19.372 | VV | 15669  | 344574  | 6.96%  | 0.543% |
| 308 | 19.385 | 19.372 | 19.394 | VV | 15737  | 190860  | 3.86%  | 0.301% |
| 309 | 19.424 | 19.394 | 19.464 | VV | 18660  | 697830  | 14.10% | 1.100% |
| 310 | 19.496 | 19.464 | 19.525 | VV | 20713  | 635172  | 12.84% | 1.001% |
| 311 | 19.561 | 19.525 | 19.592 | VV | 20097  | 677393  | 13.69% | 1.068% |
| 312 | 19.655 | 19.592 | 19.671 | VV | 22018  | 910904  | 18.41% | 1.436% |
| 313 | 19.695 | 19.671 | 19.707 | VV | 23100  | 481618  | 9.73%  | 0.759% |
| 314 | 19.729 | 19.707 | 19.767 | VV | 24664  | 793871  | 16.04% | 1.251% |
| 315 | 19.795 | 19.767 | 19.825 | VV | 23135  | 762839  | 15.42% | 1.202% |
| 316 | 19.876 | 19.825 | 19.892 | VV | 30920  | 1048861 | 21.20% | 1.653% |
| 317 | 19.900 | 19.892 | 19.912 | VV | 28363  | 329690  | 6.66%  | 0.520% |
| 318 | 19.942 | 19.912 | 20.012 | VV | 32953  | 1586956 | 32.07% | 2.501% |
| 319 | 20.027 | 20.012 | 20.042 | VV | 23699  | 416548  | 8.42%  | 0.657% |
| 320 | 20.062 | 20.042 | 20.072 | VV | 27998  | 469456  | 9.49%  | 0.740% |
| 321 | 20.110 | 20.072 | 20.132 | VV | 32535  | 1062513 | 21.47% | 1.675% |
| 322 | 20.164 | 20.132 | 20.179 | VV | 37158  | 987132  | 19.95% | 1.556% |
| 323 | 20.187 | 20.179 | 20.217 | VV | 38854  | 804951  | 16.27% | 1.269% |
| 324 | 20.240 | 20.217 | 20.279 | VV | 37583  | 1206985 | 24.39% | 1.902% |
| 325 | 20.337 | 20.279 | 20.354 | VV | 38308  | 1394138 | 28.17% | 2.197% |
| 326 | 20.369 | 20.354 | 20.381 | VV | 37611  | 579284  | 11.71% | 0.913% |
| 327 | 20.411 | 20.381 | 20.447 | VV | 43058  | 1563508 | 31.60% | 2.464% |
| 328 | 20.466 | 20.447 | 20.538 | VV | 37821  | 1725291 | 34.87% | 2.719% |
| 329 | 20.598 | 20.538 | 20.607 | VV | 33458  | 1202731 | 24.31% | 1.896% |
| 330 | 20.623 | 20.607 | 20.633 | VV | 34528  | 540640  | 10.93% | 0.852% |
| 331 | 20.653 | 20.633 | 20.661 | VV | 36093  | 567155  | 11.46% | 0.894% |
| 332 | 20.682 | 20.661 | 20.711 | VV | 38527  | 1089288 | 22.01% | 1.717% |
| 333 | 20.721 | 20.711 | 20.737 | VV | 36588  | 552867  | 11.17% | 0.871% |
| 334 | 20.752 | 20.737 | 20.825 | VV | 33249  | 1414723 | 28.59% | 2.230% |
| 335 | 20.836 | 20.825 | 20.849 | VV | 22392  | 302140  | 6.11%  | 0.476% |
| 336 | 20.919 | 20.849 | 20.927 | VV | 28336  | 1125700 | 22.75% | 1.774% |
| 337 | 20.976 | 20.927 | 20.989 | VV | 33534  | 1090453 | 22.04% | 1.719% |
| 338 | 21.006 | 20.989 | 21.047 | VV | 34589  | 1047212 | 21.16% | 1.651% |
| 339 | 21.053 | 21.047 | 21.127 | VV | 26288  | 985517  | 19.92% | 1.553% |
| 340 | 21.155 | 21.127 | 21.169 | VV | 17550  | 407533  | 8.24%  | 0.642% |
| 341 | 21.195 | 21.169 | 21.218 | VV | 18514  | 509032  | 10.29% | 0.802% |
| 342 | 21.233 | 21.218 | 21.244 | VV | 18584  | 265855  | 5.37%  | 0.419% |
| 343 | 21.267 | 21.244 | 21.292 | VV | 22006  | 574971  | 11.62% | 0.906% |
| 344 | 21.311 | 21.292 | 21.332 | VV | 20948  | 479841  | 9.70%  | 0.756% |
| 345 | 21.351 | 21.332 | 21.407 | VV | 20108  | 733747  | 14.83% | 1.156% |
| 346 | 21.409 | 21.407 | 21.437 | VV | 13689  | 222977  | 4.51%  | 0.351% |
| 347 | 21.461 | 21.437 | 21.487 | VV | 13103  | 349921  | 7.07%  | 0.552% |
| 348 | 21.494 | 21.487 | 21.524 | VV | 10323  | 205225  | 4.15%  | 0.323% |
| 349 | 21.575 | 21.524 | 21.592 | VV | 13848  | 495463  | 10.01% | 0.781% |
| 350 | 21.631 | 21.592 | 21.677 | VV | 15277  | 700274  | 14.15% | 1.104% |
| 351 | 21.711 | 21.677 | 21.737 | VV | 14900  | 468492  | 9.47%  | 0.738% |

|     |        |        |        |    |                         |          |       |        |  |
|-----|--------|--------|--------|----|-------------------------|----------|-------|--------|--|
|     |        |        |        |    | rters                   |          |       |        |  |
| 352 | 21.753 | 21.737 | 21.804 | VV | 12327                   | 358156   | 7.24% | 0.564% |  |
| 353 | 21.823 | 21.804 | 21.847 | VV | 5192                    | 83669    | 1.69% | 0.132% |  |
| 354 | 21.901 | 21.847 | 21.914 | PV | 2812                    | 54115    | 1.09% | 0.085% |  |
| 355 | 21.922 | 21.914 | 21.936 | VV | 2312                    | 18364    | 0.37% | 0.029% |  |
| 356 | 21.987 | 21.936 | 22.019 | VV | 6572                    | 152498   | 3.08% | 0.240% |  |
|     |        |        |        |    | Sum of corrected areas: | 63447081 |       |        |  |

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