

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC040620AL\  
 Data File : FC040685.D  
 Signal(s) : FID1A.CH  
 Acq On : 07 Apr 2020 7:16  
 Sample : L2162-04  
 Misc :  
 ALS Vial : 26 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         | 3.544       | 3.482        | 3.626      | BV       | 368            | 6952         | 0.17%          | 0.011%        |
| 2         | 3.639       | 3.626        | 3.651      | VV       | 157            | 1255         | 0.03%          | 0.002%        |
| 3         | 3.672       | 3.651        | 3.696      | PV       | 181            | 2711         | 0.06%          | 0.004%        |
| 4         | 3.704       | 3.696        | 3.724      | VV       | 119            | 1199         | 0.03%          | 0.002%        |
| 5         | 3.773       | 3.724        | 3.796      | VV       | 179            | 4760         | 0.11%          | 0.008%        |
| 6         | 3.808       | 3.796        | 3.817      | VV       | 118            | 1166         | 0.03%          | 0.002%        |
| 7         | 3.830       | 3.817        | 3.902      | VV       | 184            | 4806         | 0.11%          | 0.008%        |
| 8         | 3.933       | 3.902        | 3.964      | VV       | 279            | 5654         | 0.13%          | 0.009%        |
| 9         | 3.969       | 3.964        | 4.022      | VV       | 212            | 3601         | 0.09%          | 0.006%        |
| 10        | 4.038       | 4.022        | 4.056      | VV       | 239            | 3098         | 0.07%          | 0.005%        |
| 11        | 4.066       | 4.056        | 4.081      | VV       | 185            | 2151         | 0.05%          | 0.003%        |
| 12        | 4.094       | 4.081        | 4.104      | VV       | 198            | 1770         | 0.04%          | 0.003%        |
| 13        | 4.126       | 4.104        | 4.174      | VV       | 280            | 7862         | 0.19%          | 0.012%        |
| 14        | 4.180       | 4.174        | 4.192      | VV       | 194            | 1161         | 0.03%          | 0.002%        |
| 15        | 4.212       | 4.192        | 4.231      | VV       | 197            | 2876         | 0.07%          | 0.005%        |
| 16        | 4.237       | 4.231        | 4.296      | VV       | 190            | 5199         | 0.12%          | 0.008%        |
| 17        | 4.313       | 4.296        | 4.367      | VV       | 264            | 6997         | 0.17%          | 0.011%        |
| 18        | 4.373       | 4.367        | 4.384      | VV       | 161            | 1431         | 0.03%          | 0.002%        |
| 19        | 4.399       | 4.384        | 4.409      | VV       | 163            | 2371         | 0.06%          | 0.004%        |
| 20        | 4.430       | 4.409        | 4.481      | VV       | 346            | 9164         | 0.22%          | 0.014%        |
| 21        | 4.491       | 4.481        | 4.520      | VV       | 258            | 4084         | 0.10%          | 0.006%        |
| 22        | 4.529       | 4.520        | 4.572      | VV       | 195            | 3075         | 0.07%          | 0.005%        |
| 23        | 4.579       | 4.572        | 4.592      | VV       | 165            | 1163         | 0.03%          | 0.002%        |
| 24        | 4.615       | 4.592        | 4.641      | VV       | 411            | 5410         | 0.13%          | 0.009%        |
| 25        | 4.690       | 4.641        | 4.741      | VV       | 310            | 9822         | 0.23%          | 0.016%        |
| 26        | 4.768       | 4.741        | 4.853      | VV       | 459            | 12168        | 0.29%          | 0.019%        |
| 27        | 4.864       | 4.853        | 4.891      | VV       | 210            | 2517         | 0.06%          | 0.004%        |
| 28        | 4.905       | 4.891        | 4.937      | VV       | 252            | 3683         | 0.09%          | 0.006%        |
| 29        | 4.950       | 4.937        | 4.966      | VV       | 178            | 1409         | 0.03%          | 0.002%        |
| 30        | 4.991       | 4.966        | 5.014      | VV       | 168            | 2980         | 0.07%          | 0.005%        |
| 31        | 5.027       | 5.014        | 5.044      | VV       | 279            | 2714         | 0.06%          | 0.004%        |
| 32        | 5.051       | 5.044        | 5.084      | VV       | 180            | 3469         | 0.08%          | 0.005%        |
| 33        | 5.105       | 5.084        | 5.152      | VV       | 217            | 4687         | 0.11%          | 0.007%        |
| 34        | 5.169       | 5.152        | 5.182      | VV       | 132            | 1337         | 0.03%          | 0.002%        |
| 35        | 5.241       | 5.182        | 5.271      | VV       | 307            | 7225         | 0.17%          | 0.011%        |
| 36        | 5.300       | 5.271        | 5.325      | VV       | 256            | 4195         | 0.10%          | 0.007%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.343 | 5.325 | 5.357 | VV | 128    | 1760  | 0.04% | 0.003% |
| 38 | 5.368 | 5.357 | 5.396 | VV | 127    | 2219  | 0.05% | 0.004% |
| 39 | 5.403 | 5.396 | 5.428 | VV | 129    | 1797  | 0.04% | 0.003% |
| 40 | 5.436 | 5.428 | 5.449 | VV | 179    | 1030  | 0.02% | 0.002% |
| 41 | 5.481 | 5.449 | 5.494 | PV | 253    | 4012  | 0.10% | 0.006% |
| 42 | 5.499 | 5.494 | 5.518 | VV | 284    | 3227  | 0.08% | 0.005% |
| 43 | 5.527 | 5.518 | 5.627 | VV | 261    | 7361  | 0.18% | 0.012% |
| 44 | 5.649 | 5.627 | 5.664 | VV | 275    | 3951  | 0.09% | 0.006% |
| 45 | 5.685 | 5.664 | 5.704 | VV | 334    | 5033  | 0.12% | 0.008% |
| 46 | 5.717 | 5.704 | 5.734 | VV | 189    | 2352  | 0.06% | 0.004% |
| 47 | 5.765 | 5.734 | 5.778 | VV | 261    | 4680  | 0.11% | 0.007% |
| 48 | 5.788 | 5.778 | 5.817 | VV | 192    | 3209  | 0.08% | 0.005% |
| 49 | 5.830 | 5.817 | 5.857 | VV | 187    | 2307  | 0.05% | 0.004% |
| 50 | 5.875 | 5.857 | 5.911 | VV | 128    | 1919  | 0.05% | 0.003% |
| 51 | 5.965 | 5.911 | 6.008 | PV | 161    | 4536  | 0.11% | 0.007% |
| 52 | 6.022 | 6.008 | 6.060 | VV | 119    | 2565  | 0.06% | 0.004% |
| 53 | 6.100 | 6.060 | 6.147 | PV | 246    | 4502  | 0.11% | 0.007% |
| 54 | 6.226 | 6.147 | 6.269 | VV | 506    | 14577 | 0.35% | 0.023% |
| 55 | 6.281 | 6.269 | 6.309 | VV | 254    | 4243  | 0.10% | 0.007% |
| 56 | 6.323 | 6.309 | 6.341 | VV | 232    | 3765  | 0.09% | 0.006% |
| 57 | 6.358 | 6.341 | 6.366 | VV | 187    | 2098  | 0.05% | 0.003% |
| 58 | 6.377 | 6.366 | 6.394 | VV | 173    | 1827  | 0.04% | 0.003% |
| 59 | 6.408 | 6.394 | 6.439 | VV | 188    | 3429  | 0.08% | 0.005% |
| 60 | 6.481 | 6.439 | 6.535 | VV | 369    | 11591 | 0.28% | 0.018% |
| 61 | 6.545 | 6.535 | 6.563 | VV | 182    | 2206  | 0.05% | 0.003% |
| 62 | 6.570 | 6.563 | 6.601 | VV | 106    | 2631  | 0.06% | 0.004% |
| 63 | 6.620 | 6.601 | 6.666 | VV | 352    | 7513  | 0.18% | 0.012% |
| 64 | 6.703 | 6.666 | 6.756 | VV | 228    | 7333  | 0.17% | 0.012% |
| 65 | 6.779 | 6.756 | 6.817 | VV | 237    | 5847  | 0.14% | 0.009% |
| 66 | 6.820 | 6.817 | 6.877 | VV | 153    | 3150  | 0.07% | 0.005% |
| 67 | 6.901 | 6.877 | 6.933 | VV | 141    | 2870  | 0.07% | 0.005% |
| 68 | 6.968 | 6.950 | 6.990 | PV | 121    | 1632  | 0.04% | 0.003% |
| 69 | 7.004 | 6.990 | 7.028 | VV | 154    | 2300  | 0.05% | 0.004% |
| 70 | 7.044 | 7.028 | 7.069 | VV | 218    | 3935  | 0.09% | 0.006% |
| 71 | 7.076 | 7.069 | 7.099 | VV | 130    | 2116  | 0.05% | 0.003% |
| 72 | 7.129 | 7.099 | 7.146 | VV | 250    | 5253  | 0.13% | 0.008% |
| 73 | 7.151 | 7.146 | 7.204 | VV | 242    | 5252  | 0.12% | 0.008% |
| 74 | 7.212 | 7.204 | 7.244 | VV | 160    | 2984  | 0.07% | 0.005% |
| 75 | 7.278 | 7.244 | 7.296 | VV | 240    | 4942  | 0.12% | 0.008% |
| 76 | 7.308 | 7.296 | 7.371 | VV | 287    | 7756  | 0.18% | 0.012% |
| 77 | 7.424 | 7.371 | 7.466 | VV | 422    | 13529 | 0.32% | 0.021% |
| 78 | 7.488 | 7.466 | 7.513 | VV | 246    | 5225  | 0.12% | 0.008% |
| 79 | 7.538 | 7.513 | 7.591 | VV | 562    | 11276 | 0.27% | 0.018% |
| 80 | 7.626 | 7.591 | 7.644 | VV | 146    | 3073  | 0.07% | 0.005% |
| 81 | 7.661 | 7.644 | 7.668 | PV | 113    | 1198  | 0.03% | 0.002% |
| 82 | 7.678 | 7.668 | 7.694 | VV | 131    | 1399  | 0.03% | 0.002% |
| 83 | 7.709 | 7.694 | 7.736 | VV | 98     | 1837  | 0.04% | 0.003% |
| 84 | 7.771 | 7.761 | 7.806 | VV | 177    | 2448  | 0.06% | 0.004% |
| 85 | 7.966 | 7.959 | 8.079 | VV | 2138   | 98209 | 2.34% | 0.155% |
| 86 | 8.088 | 8.079 | 8.141 | VV | 739    | 22629 | 0.54% | 0.036% |
| 87 | 8.159 | 8.141 | 8.184 | VV | 731    | 15229 | 0.36% | 0.024% |
| 88 | 8.190 | 8.184 | 8.212 | VV | 519    | 7523  | 0.18% | 0.012% |
| 89 | 8.225 | 8.212 | 8.246 | VV | 496    | 8444  | 0.20% | 0.013% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 8.271  | 8.246  | 8.278  | VV | 380    | 6877   | 0.16% | 0.011% |
| 91  | 8.307  | 8.278  | 8.339  | VV | 907    | 20529  | 0.49% | 0.032% |
| 92  | 8.369  | 8.339  | 8.387  | VV | 866    | 17465  | 0.42% | 0.028% |
| 93  | 8.402  | 8.387  | 8.454  | VV | 1029   | 22787  | 0.54% | 0.036% |
| 94  | 8.479  | 8.454  | 8.526  | VV | 10258  | 124817 | 2.97% | 0.197% |
| 95  | 8.546  | 8.526  | 8.567  | VV | 959    | 20130  | 0.48% | 0.032% |
| 96  | 8.582  | 8.567  | 8.616  | VV | 780    | 14439  | 0.34% | 0.023% |
| 97  | 8.633  | 8.616  | 8.714  | VV | 309    | 11127  | 0.26% | 0.018% |
| 98  | 8.873  | 8.864  | 8.924  | VV | 2043   | 58887  | 1.40% | 0.093% |
| 99  | 8.937  | 8.924  | 8.971  | VV | 1641   | 32696  | 0.78% | 0.052% |
| 100 | 8.983  | 8.971  | 9.017  | VV | 801    | 20769  | 0.49% | 0.033% |
| 101 | 9.028  | 9.017  | 9.109  | VV | 683    | 32488  | 0.77% | 0.051% |
| 102 | 9.145  | 9.109  | 9.186  | VV | 877    | 30626  | 0.73% | 0.048% |
| 103 | 9.219  | 9.186  | 9.277  | VV | 1253   | 32097  | 0.76% | 0.051% |
| 104 | 9.289  | 9.277  | 9.347  | VV | 374    | 12397  | 0.30% | 0.020% |
| 105 | 9.355  | 9.347  | 9.367  | VV | 213    | 2254   | 0.05% | 0.004% |
| 106 | 9.392  | 9.367  | 9.409  | VV | 277    | 5761   | 0.14% | 0.009% |
| 107 | 9.432  | 9.409  | 9.476  | VV | 310    | 8461   | 0.20% | 0.013% |
| 108 | 9.546  | 9.476  | 9.565  | VV | 386    | 13563  | 0.32% | 0.021% |
| 109 | 9.634  | 9.565  | 9.683  | VV | 607    | 30278  | 0.72% | 0.048% |
| 110 | 9.700  | 9.683  | 9.743  | VV | 446    | 11053  | 0.26% | 0.017% |
| 111 | 9.762  | 9.743  | 9.811  | VV | 264    | 6943   | 0.17% | 0.011% |
| 112 | 9.831  | 9.811  | 9.858  | VV | 301    | 5256   | 0.13% | 0.008% |
| 113 | 9.865  | 9.858  | 9.872  | VV | 187    | 1033   | 0.02% | 0.002% |
| 114 | 9.883  | 9.872  | 9.896  | VV | 166    | 1948   | 0.05% | 0.003% |
| 115 | 9.938  | 9.896  | 9.964  | VV | 499    | 13099  | 0.31% | 0.021% |
| 116 | 9.994  | 9.964  | 10.042 | VV | 968    | 18726  | 0.45% | 0.030% |
| 117 | 10.064 | 10.042 | 10.102 | VV | 209    | 5918   | 0.14% | 0.009% |
| 118 | 10.119 | 10.102 | 10.137 | VV | 257    | 3932   | 0.09% | 0.006% |
| 119 | 10.143 | 10.137 | 10.163 | VV | 159    | 1670   | 0.04% | 0.003% |
| 120 | 10.194 | 10.163 | 10.212 | VV | 143    | 3585   | 0.09% | 0.006% |
| 121 | 10.222 | 10.212 | 10.252 | VV | 207    | 2279   | 0.05% | 0.004% |
| 122 | 10.279 | 10.252 | 10.296 | PV | 203    | 2894   | 0.07% | 0.005% |
| 123 | 10.314 | 10.296 | 10.329 | VV | 217    | 3089   | 0.07% | 0.005% |
| 124 | 10.382 | 10.329 | 10.404 | VV | 525    | 12482  | 0.30% | 0.020% |
| 125 | 10.423 | 10.404 | 10.438 | VV | 346    | 5636   | 0.13% | 0.009% |
| 126 | 10.469 | 10.438 | 10.504 | VV | 341    | 10829  | 0.26% | 0.017% |
| 127 | 10.538 | 10.504 | 10.565 | VV | 329    | 7252   | 0.17% | 0.011% |
| 128 | 10.581 | 10.565 | 10.594 | VV | 306    | 3241   | 0.08% | 0.005% |
| 129 | 10.619 | 10.594 | 10.632 | VV | 293    | 5682   | 0.14% | 0.009% |
| 130 | 10.656 | 10.632 | 10.671 | VV | 469    | 8284   | 0.20% | 0.013% |
| 131 | 10.690 | 10.671 | 10.706 | VV | 622    | 9939   | 0.24% | 0.016% |
| 132 | 10.728 | 10.706 | 10.767 | VV | 1338   | 21009  | 0.50% | 0.033% |
| 133 | 10.797 | 10.767 | 10.828 | VV | 463    | 11709  | 0.28% | 0.019% |
| 134 | 10.844 | 10.828 | 10.862 | VV | 369    | 4971   | 0.12% | 0.008% |
| 135 | 10.869 | 10.862 | 10.902 | VV | 257    | 4471   | 0.11% | 0.007% |
| 136 | 10.949 | 10.902 | 11.007 | VV | 367    | 11746  | 0.28% | 0.019% |
| 137 | 11.034 | 11.007 | 11.059 | VV | 466    | 10564  | 0.25% | 0.017% |
| 138 | 11.068 | 11.059 | 11.089 | VV | 424    | 6122   | 0.15% | 0.010% |
| 139 | 11.125 | 11.089 | 11.162 | VV | 511    | 15921  | 0.38% | 0.025% |
| 140 | 11.175 | 11.162 | 11.196 | VV | 437    | 6821   | 0.16% | 0.011% |
| 141 | 11.219 | 11.196 | 11.251 | VV | 307    | 7552   | 0.18% | 0.012% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 11.259 | 11.251 | 11.270 | VV | 173    | 1509    | 0.04%   | 0.002% |
| 143 | 11.296 | 11.270 | 11.339 | PV | 287    | 7366    | 0.18%   | 0.012% |
| 144 | 11.361 | 11.339 | 11.387 | VV | 710    | 11461   | 0.27%   | 0.018% |
| 145 | 11.427 | 11.387 | 11.482 | VV | 1150   | 25964   | 0.62%   | 0.041% |
| 146 | 11.519 | 11.482 | 11.564 | VV | 520    | 14433   | 0.34%   | 0.023% |
| 147 | 11.619 | 11.564 | 11.639 | VV | 417    | 8308    | 0.20%   | 0.013% |
| 148 | 11.667 | 11.639 | 11.686 | VV | 282    | 4849    | 0.12%   | 0.008% |
| 149 | 11.763 | 11.686 | 11.847 | VV | 374507 | 4202200 | 100.00% | 6.640% |
| 150 | 11.856 | 11.847 | 11.871 | VV | 683    | 7695    | 0.18%   | 0.012% |
| 151 | 11.884 | 11.871 | 11.902 | VV | 714    | 10725   | 0.26%   | 0.017% |
| 152 | 11.918 | 11.902 | 11.927 | VV | 461    | 6656    | 0.16%   | 0.011% |
| 153 | 11.936 | 11.927 | 11.956 | VV | 503    | 6270    | 0.15%   | 0.010% |
| 154 | 11.972 | 11.956 | 11.989 | VV | 472    | 7125    | 0.17%   | 0.011% |
| 155 | 12.001 | 11.989 | 12.015 | VV | 443    | 5301    | 0.13%   | 0.008% |
| 156 | 12.031 | 12.015 | 12.054 | VV | 420    | 6271    | 0.15%   | 0.010% |
| 157 | 12.092 | 12.054 | 12.142 | VV | 1387   | 25248   | 0.60%   | 0.040% |
| 158 | 12.171 | 12.142 | 12.184 | VV | 450    | 6669    | 0.16%   | 0.011% |
| 159 | 12.191 | 12.184 | 12.207 | VV | 265    | 3510    | 0.08%   | 0.006% |
| 160 | 12.214 | 12.207 | 12.246 | VV | 370    | 4328    | 0.10%   | 0.007% |
| 161 | 12.267 | 12.246 | 12.283 | VV | 128    | 1743    | 0.04%   | 0.003% |
| 162 | 12.347 | 12.283 | 12.447 | VV | 6208   | 107329  | 2.55%   | 0.170% |
| 163 | 12.507 | 12.447 | 12.521 | VV | 475    | 14000   | 0.33%   | 0.022% |
| 164 | 12.548 | 12.521 | 12.580 | VV | 522    | 10839   | 0.26%   | 0.017% |
| 165 | 12.600 | 12.580 | 12.642 | VV | 262    | 6619    | 0.16%   | 0.010% |
| 166 | 12.732 | 12.642 | 12.770 | VV | 1703   | 42720   | 1.02%   | 0.068% |
| 167 | 12.778 | 12.770 | 12.816 | VV | 429    | 6477    | 0.15%   | 0.010% |
| 168 | 12.840 | 12.816 | 12.902 | PV | 1189   | 19449   | 0.46%   | 0.031% |
| 169 | 12.930 | 12.902 | 12.940 | PV | 167    | 2586    | 0.06%   | 0.004% |
| 170 | 12.984 | 12.940 | 13.034 | VV | 561    | 16210   | 0.39%   | 0.026% |
| 171 | 13.048 | 13.034 | 13.059 | VV | 288    | 2365    | 0.06%   | 0.004% |
| 172 | 13.086 | 13.059 | 13.111 | VV | 314    | 5780    | 0.14%   | 0.009% |
| 173 | 13.139 | 13.111 | 13.149 | VV | 1507   | 18997   | 0.45%   | 0.030% |
| 174 | 13.179 | 13.149 | 13.268 | VV | 297886 | 3349137 | 79.70%  | 5.292% |
| 175 | 13.296 | 13.268 | 13.319 | VV | 539    | 12262   | 0.29%   | 0.019% |
| 176 | 13.341 | 13.319 | 13.374 | VV | 1295   | 22232   | 0.53%   | 0.035% |
| 177 | 13.397 | 13.374 | 13.438 | VV | 447    | 11937   | 0.28%   | 0.019% |
| 178 | 13.460 | 13.438 | 13.497 | VV | 362    | 7113    | 0.17%   | 0.011% |
| 179 | 13.518 | 13.497 | 13.534 | PV | 162    | 2038    | 0.05%   | 0.003% |
| 180 | 13.580 | 13.534 | 13.617 | VV | 1509   | 29333   | 0.70%   | 0.046% |
| 181 | 13.624 | 13.617 | 13.671 | VV | 383    | 6444    | 0.15%   | 0.010% |
| 182 | 13.737 | 13.671 | 13.764 | PV | 489    | 16116   | 0.38%   | 0.025% |
| 183 | 13.771 | 13.764 | 13.801 | VV | 320    | 4247    | 0.10%   | 0.007% |
| 184 | 13.835 | 13.801 | 13.859 | VV | 510    | 11265   | 0.27%   | 0.018% |
| 185 | 13.875 | 13.859 | 13.900 | VV | 678    | 11307   | 0.27%   | 0.018% |
| 186 | 13.923 | 13.900 | 13.939 | VV | 1631   | 21572   | 0.51%   | 0.034% |
| 187 | 13.952 | 13.939 | 13.984 | VV | 1012   | 19426   | 0.46%   | 0.031% |
| 188 | 14.003 | 13.984 | 14.022 | VV | 668    | 9941    | 0.24%   | 0.016% |
| 189 | 14.036 | 14.022 | 14.059 | VV | 440    | 6293    | 0.15%   | 0.010% |
| 190 | 14.081 | 14.059 | 14.101 | VV | 308    | 5031    | 0.12%   | 0.008% |
| 191 | 14.157 | 14.101 | 14.197 | VV | 474    | 12996   | 0.31%   | 0.021% |
| 192 | 14.215 | 14.197 | 14.230 | PV | 217    | 3660    | 0.09%   | 0.006% |
| 193 | 14.256 | 14.230 | 14.272 | VV | 246    | 4562    | 0.11%   | 0.007% |
| 194 | 14.283 | 14.272 | 14.304 | PV | 387    | 4810    | 0.11%   | 0.008% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 195 | 14.329 | 14.304 | 14.341 | VV | 838    | 13392  | 0.32% | 0.021% |
| 196 | 14.359 | 14.341 | 14.384 | VV | 911    | 15486  | 0.37% | 0.024% |
| 197 | 14.410 | 14.384 | 14.429 | VV | 401    | 6815   | 0.16% | 0.011% |
| 198 | 14.451 | 14.429 | 14.466 | VV | 588    | 7568   | 0.18% | 0.012% |
| 199 | 14.482 | 14.466 | 14.504 | VV | 1796   | 21682  | 0.52% | 0.034% |
| 200 | 14.523 | 14.504 | 14.536 | VV | 574    | 6404   | 0.15% | 0.010% |
| 201 | 14.567 | 14.536 | 14.611 | VV | 697    | 18135  | 0.43% | 0.029% |
| 202 | 14.625 | 14.611 | 14.640 | VV | 289    | 3732   | 0.09% | 0.006% |
| 203 | 14.654 | 14.640 | 14.672 | VV | 304    | 2970   | 0.07% | 0.005% |
| 204 | 14.723 | 14.672 | 14.754 | PV | 997    | 21396  | 0.51% | 0.034% |
| 205 | 14.763 | 14.754 | 14.794 | VV | 385    | 5507   | 0.13% | 0.009% |
| 206 | 14.804 | 14.794 | 14.822 | VV | 375    | 3464   | 0.08% | 0.005% |
| 207 | 14.882 | 14.822 | 14.895 | VV | 545    | 14169  | 0.34% | 0.022% |
| 208 | 14.913 | 14.895 | 14.944 | VV | 357    | 5591   | 0.13% | 0.009% |
| 209 | 14.973 | 14.944 | 14.997 | PV | 976    | 17211  | 0.41% | 0.027% |
| 210 | 15.020 | 14.997 | 15.042 | VV | 3011   | 44680  | 1.06% | 0.071% |
| 211 | 15.065 | 15.042 | 15.093 | VV | 1131   | 21651  | 0.52% | 0.034% |
| 212 | 15.109 | 15.093 | 15.122 | VV | 500    | 4636   | 0.11% | 0.007% |
| 213 | 15.140 | 15.122 | 15.152 | PV | 621    | 6294   | 0.15% | 0.010% |
| 214 | 15.176 | 15.152 | 15.189 | VV | 485    | 7750   | 0.18% | 0.012% |
| 215 | 15.218 | 15.189 | 15.262 | VV | 683    | 15415  | 0.37% | 0.024% |
| 216 | 15.284 | 15.262 | 15.292 | VV | 182    | 1913   | 0.05% | 0.003% |
| 217 | 15.322 | 15.292 | 15.342 | VV | 352    | 4787   | 0.11% | 0.008% |
| 218 | 15.362 | 15.342 | 15.382 | PV | 409    | 5735   | 0.14% | 0.009% |
| 219 | 15.414 | 15.382 | 15.469 | VV | 12135  | 229174 | 5.45% | 0.362% |
| 220 | 15.475 | 15.469 | 15.495 | VV | 929    | 10894  | 0.26% | 0.017% |
| 221 | 15.539 | 15.495 | 15.572 | VV | 3130   | 51819  | 1.23% | 0.082% |
| 222 | 15.596 | 15.572 | 15.611 | VV | 568    | 10380  | 0.25% | 0.016% |
| 223 | 15.627 | 15.611 | 15.652 | VV | 1538   | 21947  | 0.52% | 0.035% |
| 224 | 15.689 | 15.652 | 15.726 | VV | 1704   | 34810  | 0.83% | 0.055% |
| 225 | 15.732 | 15.726 | 15.752 | VV | 427    | 4611   | 0.11% | 0.007% |
| 226 | 15.832 | 15.752 | 15.840 | PV | 754    | 20362  | 0.48% | 0.032% |
| 227 | 15.863 | 15.840 | 15.899 | VV | 769    | 17243  | 0.41% | 0.027% |
| 228 | 15.936 | 15.899 | 15.950 | VV | 728    | 14805  | 0.35% | 0.023% |
| 229 | 15.971 | 15.950 | 15.991 | VV | 1203   | 14557  | 0.35% | 0.023% |
| 230 | 16.037 | 15.991 | 16.072 | VV | 4521   | 67244  | 1.60% | 0.106% |
| 231 | 16.112 | 16.072 | 16.134 | VV | 818    | 18169  | 0.43% | 0.029% |
| 232 | 16.143 | 16.134 | 16.156 | VV | 511    | 6235   | 0.15% | 0.010% |
| 233 | 16.163 | 16.156 | 16.182 | VV | 344    | 3581   | 0.09% | 0.006% |
| 234 | 16.206 | 16.182 | 16.229 | PV | 567    | 8480   | 0.20% | 0.013% |
| 235 | 16.254 | 16.229 | 16.276 | PV | 891    | 15569  | 0.37% | 0.025% |
| 236 | 16.284 | 16.276 | 16.299 | VV | 670    | 4779   | 0.11% | 0.008% |
| 237 | 16.347 | 16.299 | 16.377 | PV | 2390   | 48357  | 1.15% | 0.076% |
| 238 | 16.425 | 16.377 | 16.452 | VV | 1435   | 33340  | 0.79% | 0.053% |
| 239 | 16.463 | 16.452 | 16.474 | VV | 541    | 6355   | 0.15% | 0.010% |
| 240 | 16.480 | 16.474 | 16.488 | VV | 355    | 2802   | 0.07% | 0.004% |
| 241 | 16.518 | 16.488 | 16.564 | VV | 4487   | 65934  | 1.57% | 0.104% |
| 242 | 16.608 | 16.564 | 16.624 | VV | 807    | 18465  | 0.44% | 0.029% |
| 243 | 16.630 | 16.624 | 16.639 | VV | 355    | 2185   | 0.05% | 0.003% |
| 244 | 16.690 | 16.639 | 16.724 | PV | 1378   | 36258  | 0.86% | 0.057% |
| 245 | 16.749 | 16.724 | 16.762 | VV | 800    | 10576  | 0.25% | 0.017% |
| 246 | 16.771 | 16.762 | 16.776 | VV | 392    | 2384   | 0.06% | 0.004% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 247 | 16.788 | 16.776 | 16.806 | PV | 918    | 6435    | 0.15%  | 0.010% |
| 248 | 16.820 | 16.806 | 16.837 | VV | 778    | 9734    | 0.23%  | 0.015% |
| 249 | 16.851 | 16.837 | 16.867 | VV | 1461   | 15295   | 0.36%  | 0.024% |
| 250 | 16.897 | 16.867 | 16.921 | VV | 1592   | 28744   | 0.68%  | 0.045% |
| 251 | 16.983 | 16.921 | 17.010 | PV | 6904   | 127813  | 3.04%  | 0.202% |
| 252 | 17.030 | 17.010 | 17.046 | VV | 2857   | 42637   | 1.01%  | 0.067% |
| 253 | 17.060 | 17.046 | 17.091 | VV | 2588   | 42932   | 1.02%  | 0.068% |
| 254 | 17.103 | 17.091 | 17.121 | VV | 1188   | 14122   | 0.34%  | 0.022% |
| 255 | 17.184 | 17.121 | 17.197 | VV | 1929   | 30330   | 0.72%  | 0.048% |
| 256 | 17.247 | 17.197 | 17.267 | VV | 2166   | 59636   | 1.42%  | 0.094% |
| 257 | 17.278 | 17.267 | 17.285 | VV | 1191   | 10762   | 0.26%  | 0.017% |
| 258 | 17.310 | 17.285 | 17.318 | VV | 1309   | 18315   | 0.44%  | 0.029% |
| 259 | 17.330 | 17.318 | 17.354 | VV | 1947   | 27520   | 0.65%  | 0.043% |
| 260 | 17.377 | 17.354 | 17.392 | VV | 2597   | 36547   | 0.87%  | 0.058% |
| 261 | 17.432 | 17.392 | 17.468 | VV | 9730   | 154351  | 3.67%  | 0.244% |
| 262 | 17.490 | 17.468 | 17.506 | VV | 3020   | 40245   | 0.96%  | 0.064% |
| 263 | 17.522 | 17.506 | 17.539 | VV | 3297   | 44583   | 1.06%  | 0.070% |
| 264 | 17.575 | 17.539 | 17.597 | VV | 3902   | 74326   | 1.77%  | 0.117% |
| 265 | 17.626 | 17.597 | 17.644 | VV | 3309   | 58760   | 1.40%  | 0.093% |
| 266 | 17.660 | 17.644 | 17.696 | VV | 2061   | 50490   | 1.20%  | 0.080% |
| 267 | 17.746 | 17.696 | 17.754 | VV | 2741   | 61325   | 1.46%  | 0.097% |
| 268 | 17.795 | 17.754 | 17.818 | VV | 5405   | 123392  | 2.94%  | 0.195% |
| 269 | 17.866 | 17.818 | 17.932 | VV | 12468  | 401398  | 9.55%  | 0.634% |
| 270 | 18.006 | 17.932 | 18.021 | VV | 3653   | 141589  | 3.37%  | 0.224% |
| 271 | 18.047 | 18.021 | 18.056 | VV | 7010   | 99499   | 2.37%  | 0.157% |
| 272 | 18.079 | 18.056 | 18.116 | VV | 7302   | 177741  | 4.23%  | 0.281% |
| 273 | 18.143 | 18.116 | 18.151 | VV | 4685   | 84267   | 2.01%  | 0.133% |
| 274 | 18.167 | 18.151 | 18.177 | VV | 4829   | 74406   | 1.77%  | 0.118% |
| 275 | 18.241 | 18.177 | 18.264 | VV | 11365  | 387797  | 9.23%  | 0.613% |
| 276 | 18.287 | 18.264 | 18.331 | VV | 12430  | 296672  | 7.06%  | 0.469% |
| 277 | 18.374 | 18.331 | 18.387 | VV | 6813   | 210040  | 5.00%  | 0.332% |
| 278 | 18.408 | 18.387 | 18.457 | VV | 9000   | 295286  | 7.03%  | 0.467% |
| 279 | 18.479 | 18.457 | 18.500 | VV | 8335   | 184281  | 4.39%  | 0.291% |
| 280 | 18.527 | 18.500 | 18.549 | VV | 8242   | 215911  | 5.14%  | 0.341% |
| 281 | 18.606 | 18.549 | 18.637 | VV | 8928   | 385202  | 9.17%  | 0.609% |
| 282 | 18.655 | 18.637 | 18.666 | VV | 7798   | 119366  | 2.84%  | 0.189% |
| 283 | 18.692 | 18.666 | 18.741 | VV | 20064  | 536641  | 12.77% | 0.848% |
| 284 | 18.827 | 18.741 | 18.846 | VV | 11846  | 598777  | 14.25% | 0.946% |
| 285 | 18.872 | 18.846 | 18.891 | VV | 13809  | 309540  | 7.37%  | 0.489% |
| 286 | 18.901 | 18.891 | 18.927 | VV | 11494  | 231432  | 5.51%  | 0.366% |
| 287 | 18.972 | 18.927 | 18.986 | VV | 12985  | 389626  | 9.27%  | 0.616% |
| 288 | 19.002 | 18.986 | 19.016 | VV | 15213  | 233143  | 5.55%  | 0.368% |
| 289 | 19.034 | 19.016 | 19.044 | VV | 13353  | 208330  | 4.96%  | 0.329% |
| 290 | 19.097 | 19.044 | 19.119 | VV | 21152  | 717785  | 17.08% | 1.134% |
| 291 | 19.167 | 19.119 | 19.182 | VV | 16045  | 536730  | 12.77% | 0.848% |
| 292 | 19.222 | 19.182 | 19.239 | VV | 15812  | 509121  | 12.12% | 0.804% |
| 293 | 19.287 | 19.239 | 19.319 | VV | 19166  | 782528  | 18.62% | 1.236% |
| 294 | 19.330 | 19.319 | 19.347 | VV | 17607  | 272308  | 6.48%  | 0.430% |
| 295 | 19.368 | 19.347 | 19.384 | VV | 19447  | 378704  | 9.01%  | 0.598% |
| 296 | 19.401 | 19.384 | 19.419 | VV | 19053  | 377405  | 8.98%  | 0.596% |
| 297 | 19.478 | 19.419 | 19.512 | VV | 23499  | 1091423 | 25.97% | 1.725% |
| 298 | 19.540 | 19.512 | 19.557 | VV | 21308  | 552513  | 13.15% | 0.873% |
| 299 | 19.599 | 19.557 | 19.609 | VV | 22878  | 661014  | 15.73% | 1.044% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 19.621 | 19.609 | 19.646 | VV | 24061  | 500069  | 11.90% | 0.790% |
| 301 | 19.682 | 19.646 | 19.702 | VV | 25485  | 811647  | 19.31% | 1.283% |
| 302 | 19.764 | 19.702 | 19.782 | VV | 28539  | 1242465 | 29.57% | 1.963% |
| 303 | 19.844 | 19.782 | 19.852 | VV | 32858  | 1198471 | 28.52% | 1.894% |
| 304 | 19.868 | 19.852 | 19.886 | VV | 35225  | 641828  | 15.27% | 1.014% |
| 305 | 19.936 | 19.886 | 19.947 | VV | 31927  | 1135522 | 27.02% | 1.794% |
| 306 | 19.962 | 19.947 | 19.980 | VV | 35253  | 635865  | 15.13% | 1.005% |
| 307 | 19.999 | 19.980 | 20.017 | VV | 35888  | 745244  | 17.73% | 1.178% |
| 308 | 20.033 | 20.017 | 20.044 | VV | 36193  | 550693  | 13.10% | 0.870% |
| 309 | 20.061 | 20.044 | 20.075 | VV | 36544  | 643025  | 15.30% | 1.016% |
| 310 | 20.096 | 20.075 | 20.109 | VV | 36327  | 729265  | 17.35% | 1.152% |
| 311 | 20.123 | 20.109 | 20.144 | VV | 37825  | 765489  | 18.22% | 1.210% |
| 312 | 20.159 | 20.144 | 20.179 | VV | 40844  | 798077  | 18.99% | 1.261% |
| 313 | 20.226 | 20.179 | 20.249 | VV | 45007  | 1726527 | 41.09% | 2.728% |
| 314 | 20.262 | 20.249 | 20.284 | VV | 42193  | 868027  | 20.66% | 1.372% |
| 315 | 20.312 | 20.284 | 20.326 | VV | 44825  | 1080309 | 25.71% | 1.707% |
| 316 | 20.344 | 20.326 | 20.356 | VV | 44039  | 762865  | 18.15% | 1.205% |
| 317 | 20.382 | 20.356 | 20.390 | VV | 45132  | 904286  | 21.52% | 1.429% |
| 318 | 20.398 | 20.390 | 20.407 | VV | 46301  | 450520  | 10.72% | 0.712% |
| 319 | 20.431 | 20.407 | 20.459 | VV | 47175  | 1412708 | 33.62% | 2.232% |
| 320 | 20.490 | 20.459 | 20.507 | VV | 47598  | 1318238 | 31.37% | 2.083% |
| 321 | 20.518 | 20.507 | 20.547 | VV | 46755  | 1078764 | 25.67% | 1.705% |
| 322 | 20.560 | 20.547 | 20.602 | VV | 46655  | 1389030 | 33.05% | 2.195% |
| 323 | 20.613 | 20.602 | 20.629 | VV | 41711  | 627983  | 14.94% | 0.992% |
| 324 | 20.643 | 20.629 | 20.665 | VV | 39137  | 810643  | 19.29% | 1.281% |
| 325 | 20.676 | 20.665 | 20.687 | VV | 37790  | 497048  | 11.83% | 0.785% |
| 326 | 20.693 | 20.687 | 20.702 | VV | 39102  | 331604  | 7.89%  | 0.524% |
| 327 | 20.728 | 20.702 | 20.746 | VV | 39373  | 981600  | 23.36% | 1.551% |
| 328 | 20.763 | 20.746 | 20.781 | VV | 40464  | 791280  | 18.83% | 1.250% |
| 329 | 20.801 | 20.781 | 20.816 | VV | 37181  | 747749  | 17.79% | 1.182% |
| 330 | 20.839 | 20.816 | 20.861 | VV | 38016  | 960708  | 22.86% | 1.518% |
| 331 | 20.880 | 20.861 | 20.901 | VV | 35326  | 789587  | 18.79% | 1.248% |
| 332 | 20.928 | 20.901 | 20.955 | VV | 32625  | 1042390 | 24.81% | 1.647% |
| 333 | 20.969 | 20.955 | 21.003 | VV | 34404  | 905930  | 21.56% | 1.431% |
| 334 | 21.012 | 21.003 | 21.025 | VV | 31319  | 395620  | 9.41%  | 0.625% |
| 335 | 21.039 | 21.025 | 21.071 | VV | 32209  | 841666  | 20.03% | 1.330% |
| 336 | 21.078 | 21.071 | 21.109 | VV | 29687  | 648728  | 15.44% | 1.025% |
| 337 | 21.118 | 21.109 | 21.147 | VV | 28515  | 617566  | 14.70% | 0.976% |
| 338 | 21.160 | 21.147 | 21.187 | VV | 28772  | 629962  | 14.99% | 0.995% |
| 339 | 21.216 | 21.187 | 21.226 | VV | 24762  | 555054  | 13.21% | 0.877% |
| 340 | 21.238 | 21.226 | 21.264 | VV | 25361  | 525117  | 12.50% | 0.830% |
| 341 | 21.276 | 21.264 | 21.291 | VV | 23863  | 360751  | 8.58%  | 0.570% |
| 342 | 21.318 | 21.291 | 21.332 | VV | 22257  | 516139  | 12.28% | 0.816% |
| 343 | 21.356 | 21.332 | 21.406 | VV | 22336  | 891938  | 21.23% | 1.409% |
| 344 | 21.432 | 21.406 | 21.461 | VV | 23143  | 658167  | 15.66% | 1.040% |
| 345 | 21.471 | 21.461 | 21.496 | VV | 18882  | 366352  | 8.72%  | 0.579% |
| 346 | 21.518 | 21.496 | 21.536 | VV | 19474  | 396117  | 9.43%  | 0.626% |
| 347 | 21.557 | 21.536 | 21.589 | VV | 16779  | 474975  | 11.30% | 0.751% |
| 348 | 21.600 | 21.589 | 21.624 | VV | 15226  | 297975  | 7.09%  | 0.471% |
| 349 | 21.642 | 21.624 | 21.651 | VV | 15964  | 233508  | 5.56%  | 0.369% |
| 350 | 21.662 | 21.651 | 21.691 | VV | 14827  | 326900  | 7.78%  | 0.517% |
| 351 | 21.697 | 21.691 | 21.714 | VV | 13433  | 169156  | 4.03%  | 0.267% |

|     |        |        |        |    |                         |          |        |        |
|-----|--------|--------|--------|----|-------------------------|----------|--------|--------|
|     |        |        |        |    | rteres                  |          |        |        |
| 352 | 21.729 | 21.714 | 21.779 | VV | 13173                   | 430573   | 10.25% | 0.680% |
| 353 | 21.787 | 21.779 | 21.811 | VV | 10960                   | 178928   | 4.26%  | 0.283% |
| 354 | 21.851 | 21.811 | 21.886 | VV | 10345                   | 346796   | 8.25%  | 0.548% |
| 355 | 21.901 | 21.886 | 21.926 | VV | 8741                    | 181683   | 4.32%  | 0.287% |
| 356 | 21.939 | 21.926 | 21.963 | VV | 7653                    | 144017   | 3.43%  | 0.228% |
| 357 | 21.973 | 21.963 | 22.012 | VV | 8378                    | 132498   | 3.15%  | 0.209% |
| 358 | 22.023 | 22.012 | 22.042 | VV | 2812                    | 33415    | 0.80%  | 0.053% |
|     |        |        |        |    | Sum of corrected areas: | 63286202 |        |        |

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