

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121819AL\  
 Data File : FC044974.D  
 Signal(s) : FID1A.CH  
 Acq On : 18 Dec 2019 15:55  
 Sample : K6329-01  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 112219.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         | 3.459       | 3.422        | 3.472      | BV       | 781            | 8855         | 0.25%          | 0.024%        |
| 2         | 3.503       | 3.472        | 3.515      | VV       | 2788           | 38397        | 1.09%          | 0.104%        |
| 3         | 3.530       | 3.515        | 3.546      | VV       | 6040           | 56340        | 1.60%          | 0.153%        |
| 4         | 3.559       | 3.546        | 3.590      | VV       | 1714           | 19349        | 0.55%          | 0.052%        |
| 5         | 3.611       | 3.590        | 3.620      | PV       | 743            | 7573         | 0.22%          | 0.021%        |
| 6         | 3.638       | 3.620        | 3.654      | VV       | 5075           | 53524        | 1.52%          | 0.145%        |
| 7         | 3.662       | 3.654        | 3.675      | VV       | 2749           | 25715        | 0.73%          | 0.070%        |
| 8         | 3.687       | 3.675        | 3.697      | VV       | 2262           | 23090        | 0.66%          | 0.063%        |
| 9         | 3.709       | 3.697        | 3.741      | VV       | 2931           | 41912        | 1.19%          | 0.114%        |
| 10        | 3.780       | 3.741        | 3.810      | VV       | 7971           | 116197       | 3.30%          | 0.315%        |
| 11        | 3.832       | 3.810        | 3.854      | VV       | 2975           | 50757        | 1.44%          | 0.137%        |
| 12        | 3.881       | 3.854        | 3.900      | VV       | 14603          | 158957       | 4.52%          | 0.431%        |
| 13        | 3.919       | 3.900        | 3.929      | VV       | 3396           | 48808        | 1.39%          | 0.132%        |
| 14        | 3.956       | 3.929        | 3.972      | VV       | 6298           | 94885        | 2.70%          | 0.257%        |
| 15        | 3.980       | 3.972        | 3.995      | VV       | 2531           | 23903        | 0.68%          | 0.065%        |
| 16        | 4.011       | 3.995        | 4.042      | VV       | 2629           | 38466        | 1.09%          | 0.104%        |
| 17        | 4.059       | 4.042        | 4.077      | VV       | 5979           | 55714        | 1.58%          | 0.151%        |
| 18        | 4.105       | 4.077        | 4.124      | VV       | 3989           | 75447        | 2.14%          | 0.204%        |
| 19        | 4.134       | 4.124        | 4.147      | VV       | 2231           | 24489        | 0.70%          | 0.066%        |
| 20        | 4.177       | 4.147        | 4.195      | VV       | 7877           | 118974       | 3.38%          | 0.322%        |
| 21        | 4.212       | 4.195        | 4.229      | VV       | 3324           | 48472        | 1.38%          | 0.131%        |
| 22        | 4.249       | 4.229        | 4.258      | VV       | 3384           | 47460        | 1.35%          | 0.129%        |
| 23        | 4.277       | 4.258        | 4.302      | VV       | 4881           | 78457        | 2.23%          | 0.213%        |
| 24        | 4.362       | 4.302        | 4.375      | VV       | 3725           | 79948        | 2.27%          | 0.217%        |
| 25        | 4.390       | 4.375        | 4.415      | VV       | 6234           | 83573        | 2.37%          | 0.226%        |
| 26        | 4.429       | 4.415        | 4.470      | VV       | 3035           | 60714        | 1.73%          | 0.164%        |
| 27        | 4.500       | 4.470        | 4.518      | VV       | 3222           | 53332        | 1.52%          | 0.144%        |
| 28        | 4.542       | 4.518        | 4.620      | VV       | 3375           | 120749       | 3.43%          | 0.327%        |
| 29        | 4.630       | 4.620        | 4.640      | VV       | 1583           | 16425        | 0.47%          | 0.044%        |
| 30        | 4.655       | 4.640        | 4.672      | VV       | 2522           | 33141        | 0.94%          | 0.090%        |
| 31        | 4.682       | 4.672        | 4.715      | VV       | 1465           | 34188        | 0.97%          | 0.093%        |
| 32        | 4.744       | 4.715        | 4.774      | VV       | 2685           | 74578        | 2.12%          | 0.202%        |
| 33        | 4.786       | 4.774        | 4.799      | VV       | 4039           | 46138        | 1.31%          | 0.125%        |
| 34        | 4.807       | 4.799        | 4.817      | VV       | 2705           | 28178        | 0.80%          | 0.076%        |
| 35        | 4.834       | 4.817        | 4.853      | VV       | 10929          | 117441       | 3.34%          | 0.318%        |
| 36        | 4.870       | 4.853        | 4.902      | VV       | 4506           | 88415        | 2.51%          | 0.240%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.916 | 4.902 | 4.929 | VV | 4058   | 45528  | 1.29% | 0.123% |
| 38 | 4.937 | 4.929 | 4.945 | VV | 2750   | 23498  | 0.67% | 0.064% |
| 39 | 4.954 | 4.945 | 4.972 | VV | 3059   | 37056  | 1.05% | 0.100% |
| 40 | 4.996 | 4.972 | 5.042 | VV | 7517   | 121060 | 3.44% | 0.328% |
| 41 | 5.065 | 5.042 | 5.084 | VV | 4176   | 65103  | 1.85% | 0.176% |
| 42 | 5.106 | 5.084 | 5.124 | VV | 2331   | 45557  | 1.29% | 0.123% |
| 43 | 5.131 | 5.124 | 5.166 | VV | 2087   | 40859  | 1.16% | 0.111% |
| 44 | 5.189 | 5.166 | 5.203 | VV | 3224   | 43134  | 1.23% | 0.117% |
| 45 | 5.219 | 5.203 | 5.248 | VV | 3494   | 60979  | 1.73% | 0.165% |
| 46 | 5.282 | 5.248 | 5.294 | VV | 3143   | 51516  | 1.46% | 0.140% |
| 47 | 5.307 | 5.294 | 5.345 | VV | 3317   | 73446  | 2.09% | 0.199% |
| 48 | 5.355 | 5.345 | 5.371 | VV | 1887   | 23517  | 0.67% | 0.064% |
| 49 | 5.391 | 5.371 | 5.403 | VV | 1261   | 22457  | 0.64% | 0.061% |
| 50 | 5.424 | 5.403 | 5.434 | VV | 2695   | 37341  | 1.06% | 0.101% |
| 51 | 5.442 | 5.434 | 5.455 | VV | 2710   | 29130  | 0.83% | 0.079% |
| 52 | 5.485 | 5.455 | 5.499 | VV | 2503   | 52258  | 1.49% | 0.142% |
| 53 | 5.514 | 5.499 | 5.530 | VV | 2961   | 43845  | 1.25% | 0.119% |
| 54 | 5.549 | 5.530 | 5.564 | VV | 2277   | 37842  | 1.08% | 0.103% |
| 55 | 5.574 | 5.564 | 5.602 | VV | 1773   | 32145  | 0.91% | 0.087% |
| 56 | 5.628 | 5.602 | 5.642 | VV | 2801   | 46446  | 1.32% | 0.126% |
| 57 | 5.656 | 5.642 | 5.679 | VV | 3263   | 43654  | 1.24% | 0.118% |
| 58 | 5.693 | 5.679 | 5.704 | VV | 1649   | 19784  | 0.56% | 0.054% |
| 59 | 5.713 | 5.704 | 5.727 | VV | 1561   | 17900  | 0.51% | 0.048% |
| 60 | 5.758 | 5.727 | 5.768 | VV | 1517   | 29626  | 0.84% | 0.080% |
| 61 | 5.778 | 5.768 | 5.790 | VV | 1418   | 17398  | 0.49% | 0.047% |
| 62 | 5.812 | 5.790 | 5.850 | VV | 4307   | 82803  | 2.35% | 0.224% |
| 63 | 5.862 | 5.850 | 5.883 | VV | 1662   | 28974  | 0.82% | 0.078% |
| 64 | 5.903 | 5.883 | 5.949 | VV | 3806   | 90307  | 2.57% | 0.245% |
| 65 | 5.966 | 5.949 | 5.983 | VV | 2205   | 30929  | 0.88% | 0.084% |
| 66 | 5.993 | 5.983 | 5.999 | VV | 987    | 8737   | 0.25% | 0.024% |
| 67 | 6.029 | 5.999 | 6.059 | VV | 1463   | 38787  | 1.10% | 0.105% |
| 68 | 6.080 | 6.059 | 6.103 | VV | 1374   | 25344  | 0.72% | 0.069% |
| 69 | 6.129 | 6.103 | 6.148 | VV | 1614   | 32365  | 0.92% | 0.088% |
| 70 | 6.181 | 6.148 | 6.199 | VV | 2747   | 53651  | 1.52% | 0.145% |
| 71 | 6.207 | 6.199 | 6.240 | VV | 1445   | 27622  | 0.78% | 0.075% |
| 72 | 6.263 | 6.240 | 6.289 | VV | 1090   | 27281  | 0.78% | 0.074% |
| 73 | 6.308 | 6.289 | 6.337 | VV | 2648   | 45248  | 1.29% | 0.123% |
| 74 | 6.355 | 6.337 | 6.378 | VV | 1344   | 24624  | 0.70% | 0.067% |
| 75 | 6.394 | 6.378 | 6.417 | VV | 1742   | 28648  | 0.81% | 0.078% |
| 76 | 6.430 | 6.417 | 6.464 | VV | 1244   | 31109  | 0.88% | 0.084% |
| 77 | 6.481 | 6.464 | 6.505 | VV | 1202   | 22616  | 0.64% | 0.061% |
| 78 | 6.533 | 6.505 | 6.575 | VV | 1127   | 35509  | 1.01% | 0.096% |
| 79 | 6.588 | 6.575 | 6.610 | VV | 767    | 13267  | 0.38% | 0.036% |
| 80 | 6.625 | 6.610 | 6.647 | VV | 691    | 11824  | 0.34% | 0.032% |
| 81 | 6.688 | 6.647 | 6.703 | VV | 685    | 17457  | 0.50% | 0.047% |
| 82 | 6.747 | 6.703 | 6.771 | VV | 2275   | 36414  | 1.03% | 0.099% |
| 83 | 6.802 | 6.771 | 6.845 | VV | 837    | 24225  | 0.69% | 0.066% |
| 84 | 6.883 | 6.845 | 6.905 | VV | 595    | 15314  | 0.44% | 0.041% |
| 85 | 6.927 | 6.905 | 6.969 | VV | 690    | 16886  | 0.48% | 0.046% |
| 86 | 6.987 | 6.969 | 7.030 | VV | 448    | 13005  | 0.37% | 0.035% |
| 87 | 7.125 | 7.030 | 7.144 | VV | 542    | 24438  | 0.69% | 0.066% |
| 88 | 7.163 | 7.144 | 7.209 | VV | 597    | 14558  | 0.41% | 0.039% |
| 89 | 7.237 | 7.209 | 7.247 | VV | 687    | 10434  | 0.30% | 0.028% |

|     |        |        |        |    |        |       |       |        |
|-----|--------|--------|--------|----|--------|-------|-------|--------|
|     |        |        |        |    | rteres |       |       |        |
| 90  | 7.258  | 7.247  | 7.280  | VV | 706    | 9264  | 0.26% | 0.025% |
| 91  | 7.300  | 7.280  | 7.320  | VV | 907    | 11654 | 0.33% | 0.032% |
| 92  | 7.328  | 7.320  | 7.347  | VV | 408    | 5012  | 0.14% | 0.014% |
| 93  | 7.373  | 7.347  | 7.395  | VV | 661    | 11302 | 0.32% | 0.031% |
| 94  | 7.408  | 7.395  | 7.475  | VV | 435    | 11454 | 0.33% | 0.031% |
| 95  | 7.487  | 7.475  | 7.507  | VV | 276    | 2950  | 0.08% | 0.008% |
| 96  | 7.521  | 7.507  | 7.555  | VV | 278    | 4887  | 0.14% | 0.013% |
| 97  | 7.577  | 7.555  | 7.600  | VV | 199    | 3299  | 0.09% | 0.009% |
| 98  | 7.610  | 7.600  | 7.637  | VV | 242    | 2738  | 0.08% | 0.007% |
| 99  | 7.644  | 7.637  | 7.669  | VV | 129    | 1797  | 0.05% | 0.005% |
| 100 | 7.701  | 7.682  | 7.730  | VV | 191    | 3330  | 0.09% | 0.009% |
| 101 | 7.745  | 7.730  | 7.793  | PV | 132    | 2446  | 0.07% | 0.007% |
| 102 | 7.931  | 7.924  | 7.990  | VV | 921    | 27593 | 0.78% | 0.075% |
| 103 | 7.999  | 7.990  | 8.015  | VV | 446    | 5341  | 0.15% | 0.014% |
| 104 | 8.025  | 8.015  | 8.064  | VV | 325    | 8006  | 0.23% | 0.022% |
| 105 | 8.088  | 8.064  | 8.107  | VV | 306    | 6403  | 0.18% | 0.017% |
| 106 | 8.118  | 8.107  | 8.185  | VV | 294    | 9175  | 0.26% | 0.025% |
| 107 | 8.214  | 8.185  | 8.249  | VV | 462    | 11110 | 0.32% | 0.030% |
| 108 | 8.291  | 8.249  | 8.315  | VV | 524    | 13371 | 0.38% | 0.036% |
| 109 | 8.355  | 8.315  | 8.376  | VV | 1688   | 28468 | 0.81% | 0.077% |
| 110 | 8.388  | 8.376  | 8.424  | VV | 705    | 9560  | 0.27% | 0.026% |
| 111 | 8.519  | 8.484  | 8.574  | VV | 1698   | 30755 | 0.87% | 0.083% |
| 112 | 8.581  | 8.574  | 8.597  | VV | 180    | 1876  | 0.05% | 0.005% |
| 113 | 8.608  | 8.597  | 8.677  | VV | 180    | 5193  | 0.15% | 0.014% |
| 114 | 8.814  | 8.797  | 8.832  | VV | 2098   | 30444 | 0.87% | 0.082% |
| 115 | 8.857  | 8.832  | 8.913  | VV | 1890   | 50407 | 1.43% | 0.137% |
| 116 | 8.925  | 8.913  | 8.963  | VV | 638    | 11909 | 0.34% | 0.032% |
| 117 | 8.973  | 8.963  | 8.990  | VV | 285    | 4180  | 0.12% | 0.011% |
| 118 | 9.005  | 8.990  | 9.014  | VV | 264    | 3752  | 0.11% | 0.010% |
| 119 | 9.024  | 9.014  | 9.035  | VV | 297    | 3646  | 0.10% | 0.010% |
| 120 | 9.053  | 9.035  | 9.067  | VV | 473    | 6830  | 0.19% | 0.019% |
| 121 | 9.085  | 9.067  | 9.100  | VV | 750    | 10020 | 0.28% | 0.027% |
| 122 | 9.121  | 9.100  | 9.159  | VV | 785    | 15516 | 0.44% | 0.042% |
| 123 | 9.173  | 9.159  | 9.184  | VV | 239    | 3152  | 0.09% | 0.009% |
| 124 | 9.211  | 9.184  | 9.242  | VV | 1054   | 16513 | 0.47% | 0.045% |
| 125 | 9.258  | 9.242  | 9.275  | VV | 369    | 4455  | 0.13% | 0.012% |
| 126 | 9.304  | 9.275  | 9.331  | VV | 205    | 5276  | 0.15% | 0.014% |
| 127 | 9.378  | 9.331  | 9.442  | VV | 598    | 18072 | 0.51% | 0.049% |
| 128 | 9.461  | 9.442  | 9.480  | VV | 224    | 2808  | 0.08% | 0.008% |
| 129 | 9.508  | 9.480  | 9.532  | VV | 293    | 4562  | 0.13% | 0.012% |
| 130 | 9.553  | 9.532  | 9.567  | VV | 250    | 3797  | 0.11% | 0.010% |
| 131 | 9.596  | 9.567  | 9.632  | VV | 1270   | 21248 | 0.60% | 0.058% |
| 132 | 9.664  | 9.632  | 9.704  | VV | 1685   | 37181 | 1.06% | 0.101% |
| 133 | 9.711  | 9.704  | 9.729  | VV | 504    | 6242  | 0.18% | 0.017% |
| 134 | 9.745  | 9.729  | 9.789  | VV | 662    | 14447 | 0.41% | 0.039% |
| 135 | 9.806  | 9.789  | 9.849  | VV | 298    | 8017  | 0.23% | 0.022% |
| 136 | 9.859  | 9.849  | 9.879  | VV | 254    | 3692  | 0.10% | 0.010% |
| 137 | 9.911  | 9.879  | 9.962  | VV | 779    | 20928 | 0.59% | 0.057% |
| 138 | 9.988  | 9.962  | 10.005 | VV | 1054   | 14912 | 0.42% | 0.040% |
| 139 | 10.018 | 10.005 | 10.065 | VV | 461    | 11348 | 0.32% | 0.031% |
| 140 | 10.086 | 10.065 | 10.120 | VV | 298    | 7855  | 0.22% | 0.021% |
| 141 | 10.143 | 10.120 | 10.157 | VV | 338    | 5224  | 0.15% | 0.014% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 10.175 | 10.157 | 10.228 | VV | 280    | 6533    | 0.19%   | 0.018% |
| 143 | 10.336 | 10.249 | 10.359 | VV | 432    | 11451   | 0.33%   | 0.031% |
| 144 | 10.379 | 10.359 | 10.394 | VV | 451    | 7638    | 0.22%   | 0.021% |
| 145 | 10.426 | 10.394 | 10.497 | VV | 1871   | 56097   | 1.59%   | 0.152% |
| 146 | 10.518 | 10.497 | 10.550 | VV | 793    | 14096   | 0.40%   | 0.038% |
| 147 | 10.590 | 10.550 | 10.629 | VV | 586    | 17338   | 0.49%   | 0.047% |
| 148 | 10.650 | 10.629 | 10.697 | VV | 918    | 22925   | 0.65%   | 0.062% |
| 149 | 10.724 | 10.697 | 10.745 | VV | 1296   | 21112   | 0.60%   | 0.057% |
| 150 | 10.761 | 10.745 | 10.775 | VV | 577    | 7560    | 0.21%   | 0.020% |
| 151 | 10.797 | 10.775 | 10.819 | VV | 1018   | 17490   | 0.50%   | 0.047% |
| 152 | 10.832 | 10.819 | 10.854 | VV | 660    | 9984    | 0.28%   | 0.027% |
| 153 | 10.874 | 10.854 | 10.884 | VV | 444    | 6975    | 0.20%   | 0.019% |
| 154 | 10.894 | 10.884 | 10.915 | VV | 570    | 7548    | 0.21%   | 0.020% |
| 155 | 10.932 | 10.915 | 10.948 | VV | 388    | 6495    | 0.18%   | 0.018% |
| 156 | 10.959 | 10.948 | 10.975 | VV | 387    | 5559    | 0.16%   | 0.015% |
| 157 | 11.119 | 11.107 | 11.135 | VV | 1003   | 12904   | 0.37%   | 0.035% |
| 158 | 11.155 | 11.135 | 11.237 | VV | 1628   | 43285   | 1.23%   | 0.117% |
| 159 | 11.248 | 11.237 | 11.262 | VV | 362    | 4673    | 0.13%   | 0.013% |
| 160 | 11.284 | 11.262 | 11.332 | VV | 779    | 15487   | 0.44%   | 0.042% |
| 161 | 11.357 | 11.332 | 11.380 | VV | 1377   | 18989   | 0.54%   | 0.051% |
| 162 | 11.427 | 11.380 | 11.452 | VV | 1165   | 20145   | 0.57%   | 0.055% |
| 163 | 11.529 | 11.452 | 11.564 | VV | 1051   | 23524   | 0.67%   | 0.064% |
| 164 | 11.590 | 11.564 | 11.610 | PV | 431    | 6727    | 0.19%   | 0.018% |
| 165 | 11.625 | 11.610 | 11.637 | VV | 220    | 2839    | 0.08%   | 0.008% |
| 166 | 11.647 | 11.637 | 11.667 | VV | 338    | 4071    | 0.12%   | 0.011% |
| 167 | 11.687 | 11.667 | 11.704 | VV | 240    | 4229    | 0.12%   | 0.011% |
| 168 | 11.760 | 11.704 | 11.787 | VV | 336127 | 3518913 | 100.00% | 9.532% |
| 169 | 11.800 | 11.787 | 11.817 | VV | 3120   | 35900   | 1.02%   | 0.097% |
| 170 | 11.832 | 11.817 | 11.870 | VV | 3197   | 58848   | 1.67%   | 0.159% |
| 171 | 11.917 | 11.870 | 11.934 | VV | 2947   | 57668   | 1.64%   | 0.156% |
| 172 | 11.949 | 11.934 | 11.963 | VV | 1993   | 23245   | 0.66%   | 0.063% |
| 173 | 11.980 | 11.963 | 12.010 | VV | 2426   | 29666   | 0.84%   | 0.080% |
| 174 | 12.059 | 12.010 | 12.064 | PV | 181    | 4410    | 0.13%   | 0.012% |
| 175 | 12.096 | 12.064 | 12.125 | VV | 1074   | 17904   | 0.51%   | 0.049% |
| 176 | 12.159 | 12.125 | 12.179 | VV | 985    | 16159   | 0.46%   | 0.044% |
| 177 | 12.201 | 12.179 | 12.240 | VV | 705    | 19691   | 0.56%   | 0.053% |
| 178 | 12.268 | 12.240 | 12.315 | VV | 2151   | 36539   | 1.04%   | 0.099% |
| 179 | 12.341 | 12.315 | 12.395 | VV | 23435  | 289882  | 8.24%   | 0.785% |
| 180 | 12.401 | 12.395 | 12.439 | VV | 1083   | 23657   | 0.67%   | 0.064% |
| 181 | 12.460 | 12.439 | 12.484 | VV | 1085   | 20798   | 0.59%   | 0.056% |
| 182 | 12.518 | 12.484 | 12.531 | VV | 892    | 18638   | 0.53%   | 0.050% |
| 183 | 12.544 | 12.531 | 12.568 | VV | 882    | 14420   | 0.41%   | 0.039% |
| 184 | 12.588 | 12.568 | 12.630 | VV | 1237   | 24737   | 0.70%   | 0.067% |
| 185 | 12.654 | 12.630 | 12.679 | VV | 1384   | 23775   | 0.68%   | 0.064% |
| 186 | 12.699 | 12.679 | 12.715 | VV | 2406   | 33336   | 0.95%   | 0.090% |
| 187 | 12.734 | 12.715 | 12.752 | VV | 2208   | 32951   | 0.94%   | 0.089% |
| 188 | 12.760 | 12.752 | 12.779 | VV | 1127   | 13749   | 0.39%   | 0.037% |
| 189 | 12.817 | 12.779 | 12.872 | VV | 32086  | 365291  | 10.38%  | 0.990% |
| 190 | 12.882 | 12.872 | 12.904 | VV | 381    | 6002    | 0.17%   | 0.016% |
| 191 | 12.916 | 12.904 | 12.927 | VV | 353    | 4203    | 0.12%   | 0.011% |
| 192 | 12.968 | 12.927 | 12.989 | VV | 1041   | 23305   | 0.66%   | 0.063% |
| 193 | 13.006 | 12.989 | 13.070 | VV | 1336   | 38088   | 1.08%   | 0.103% |
| 194 | 13.117 | 13.070 | 13.154 | VV | 33850  | 406851  | 11.56%  | 1.102% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.184 | 13.154 | 13.238 | VV | 254177 | 2902308 | 82.48% | 7.862% |
| 196 | 13.255 | 13.238 | 13.270 | VV | 695    | 11206   | 0.32%  | 0.030% |
| 197 | 13.288 | 13.270 | 13.305 | VV | 1045   | 15917   | 0.45%  | 0.043% |
| 198 | 13.320 | 13.305 | 13.332 | VV | 1142   | 13777   | 0.39%  | 0.037% |
| 199 | 13.347 | 13.332 | 13.365 | VV | 1186   | 16528   | 0.47%  | 0.045% |
| 200 | 13.383 | 13.365 | 13.417 | VV | 1523   | 28573   | 0.81%  | 0.077% |
| 201 | 13.444 | 13.417 | 13.485 | VV | 1000   | 28370   | 0.81%  | 0.077% |
| 202 | 13.512 | 13.485 | 13.527 | VV | 1104   | 17578   | 0.50%  | 0.048% |
| 203 | 13.538 | 13.527 | 13.552 | VV | 946    | 12184   | 0.35%  | 0.033% |
| 204 | 13.578 | 13.552 | 13.654 | VV | 5894   | 110781  | 3.15%  | 0.300% |
| 205 | 13.703 | 13.654 | 13.752 | VV | 4546   | 95250   | 2.71%  | 0.258% |
| 206 | 13.771 | 13.752 | 13.789 | VV | 726    | 13402   | 0.38%  | 0.036% |
| 207 | 13.812 | 13.789 | 13.834 | VV | 2327   | 32984   | 0.94%  | 0.089% |
| 208 | 13.853 | 13.834 | 13.877 | VV | 2606   | 36643   | 1.04%  | 0.099% |
| 209 | 13.886 | 13.877 | 13.910 | VV | 870    | 12195   | 0.35%  | 0.033% |
| 210 | 13.932 | 13.910 | 13.954 | VV | 1591   | 25314   | 0.72%  | 0.069% |
| 211 | 13.983 | 13.954 | 14.004 | VV | 2487   | 38811   | 1.10%  | 0.105% |
| 212 | 14.024 | 14.004 | 14.069 | VV | 2394   | 32525   | 0.92%  | 0.088% |
| 213 | 14.094 | 14.069 | 14.130 | VV | 563    | 11792   | 0.34%  | 0.032% |
| 214 | 14.144 | 14.130 | 14.170 | VV | 469    | 7740    | 0.22%  | 0.021% |
| 215 | 14.180 | 14.170 | 14.197 | VV | 391    | 4138    | 0.12%  | 0.011% |
| 216 | 14.211 | 14.197 | 14.222 | VV | 220    | 2459    | 0.07%  | 0.007% |
| 217 | 14.235 | 14.222 | 14.250 | VV | 205    | 2441    | 0.07%  | 0.007% |
| 218 | 14.292 | 14.250 | 14.309 | PV | 293    | 5259    | 0.15%  | 0.014% |
| 219 | 14.330 | 14.309 | 14.350 | VV | 1195   | 19563   | 0.56%  | 0.053% |
| 220 | 14.369 | 14.350 | 14.387 | VV | 1002   | 16839   | 0.48%  | 0.046% |
| 221 | 14.404 | 14.387 | 14.424 | VV | 843    | 15652   | 0.44%  | 0.042% |
| 222 | 14.440 | 14.424 | 14.469 | VV | 1544   | 21726   | 0.62%  | 0.059% |
| 223 | 14.496 | 14.469 | 14.521 | VV | 1712   | 28088   | 0.80%  | 0.076% |
| 224 | 14.553 | 14.521 | 14.590 | VV | 1067   | 26774   | 0.76%  | 0.073% |
| 225 | 14.619 | 14.590 | 14.658 | VV | 1550   | 32393   | 0.92%  | 0.088% |
| 226 | 14.682 | 14.658 | 14.705 | VV | 3791   | 54690   | 1.55%  | 0.148% |
| 227 | 14.743 | 14.705 | 14.785 | VV | 1436   | 35739   | 1.02%  | 0.097% |
| 228 | 14.808 | 14.785 | 14.825 | VV | 663    | 9998    | 0.28%  | 0.027% |
| 229 | 14.870 | 14.825 | 14.915 | VV | 914    | 23112   | 0.66%  | 0.063% |
| 230 | 14.947 | 14.915 | 14.964 | VV | 658    | 9506    | 0.27%  | 0.026% |
| 231 | 14.992 | 14.964 | 15.014 | VV | 15005  | 177874  | 5.05%  | 0.482% |
| 232 | 15.034 | 15.014 | 15.067 | VV | 14739  | 186241  | 5.29%  | 0.505% |
| 233 | 15.079 | 15.067 | 15.100 | VV | 934    | 10602   | 0.30%  | 0.029% |
| 234 | 15.156 | 15.100 | 15.204 | VV | 2575   | 43944   | 1.25%  | 0.119% |
| 235 | 15.232 | 15.204 | 15.262 | VV | 829    | 11593   | 0.33%  | 0.031% |
| 236 | 15.296 | 15.262 | 15.319 | PV | 888    | 12896   | 0.37%  | 0.035% |
| 237 | 15.344 | 15.319 | 15.379 | VV | 640    | 16507   | 0.47%  | 0.045% |
| 238 | 15.413 | 15.379 | 15.523 | VV | 26035  | 469815  | 13.35% | 1.273% |
| 239 | 15.553 | 15.523 | 15.599 | VV | 3559   | 53349   | 1.52%  | 0.145% |
| 240 | 15.639 | 15.599 | 15.653 | VV | 3614   | 56116   | 1.59%  | 0.152% |
| 241 | 15.665 | 15.653 | 15.687 | VV | 3188   | 38324   | 1.09%  | 0.104% |
| 242 | 15.703 | 15.687 | 15.737 | VV | 1339   | 18537   | 0.53%  | 0.050% |
| 243 | 15.752 | 15.737 | 15.789 | VV | 575    | 12482   | 0.35%  | 0.034% |
| 244 | 15.826 | 15.789 | 15.862 | VV | 1695   | 42472   | 1.21%  | 0.115% |
| 245 | 15.903 | 15.862 | 15.919 | VV | 811    | 14325   | 0.41%  | 0.039% |
| 246 | 15.940 | 15.919 | 15.963 | VV | 736    | 14536   | 0.41%  | 0.039% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 247 | 15.984 | 15.963 | 16.005 | VV | 800    | 11599  | 0.33%  | 0.031% |
| 248 | 16.053 | 16.005 | 16.079 | VV | 5163   | 73725  | 2.10%  | 0.200% |
| 249 | 16.093 | 16.079 | 16.137 | VV | 637    | 12825  | 0.36%  | 0.035% |
| 250 | 16.156 | 16.137 | 16.185 | VV | 186    | 3299   | 0.09%  | 0.009% |
| 251 | 16.231 | 16.211 | 16.242 | PV | 244    | 2474   | 0.07%  | 0.007% |
| 252 | 16.262 | 16.242 | 16.317 | VV | 664    | 18648  | 0.53%  | 0.051% |
| 253 | 16.354 | 16.317 | 16.397 | VV | 1022   | 30956  | 0.88%  | 0.084% |
| 254 | 16.430 | 16.397 | 16.510 | VV | 3464   | 106453 | 3.03%  | 0.288% |
| 255 | 16.549 | 16.510 | 16.570 | VV | 15281  | 278476 | 7.91%  | 0.754% |
| 256 | 16.579 | 16.570 | 16.612 | VV | 5770   | 70801  | 2.01%  | 0.192% |
| 257 | 16.624 | 16.612 | 16.652 | VV | 995    | 15948  | 0.45%  | 0.043% |
| 258 | 16.682 | 16.652 | 16.705 | VV | 3103   | 46656  | 1.33%  | 0.126% |
| 259 | 16.717 | 16.705 | 16.732 | VV | 812    | 10902  | 0.31%  | 0.030% |
| 260 | 16.741 | 16.732 | 16.754 | VV | 562    | 6795   | 0.19%  | 0.018% |
| 261 | 16.776 | 16.754 | 16.787 | VV | 601    | 9812   | 0.28%  | 0.027% |
| 262 | 16.874 | 16.787 | 16.901 | VV | 9130   | 169219 | 4.81%  | 0.458% |
| 263 | 16.931 | 16.901 | 16.975 | VV | 12185  | 181720 | 5.16%  | 0.492% |
| 264 | 17.000 | 16.975 | 17.020 | VV | 7707   | 112957 | 3.21%  | 0.306% |
| 265 | 17.050 | 17.020 | 17.110 | VV | 7114   | 160057 | 4.55%  | 0.434% |
| 266 | 17.136 | 17.110 | 17.145 | VV | 799    | 14185  | 0.40%  | 0.038% |
| 267 | 17.167 | 17.145 | 17.177 | VV | 1048   | 17397  | 0.49%  | 0.047% |
| 268 | 17.186 | 17.177 | 17.214 | VV | 993    | 17537  | 0.50%  | 0.048% |
| 269 | 17.236 | 17.214 | 17.249 | VV | 750    | 13889  | 0.39%  | 0.038% |
| 270 | 17.292 | 17.249 | 17.322 | VV | 1796   | 53004  | 1.51%  | 0.144% |
| 271 | 17.335 | 17.322 | 17.347 | VV | 1301   | 18399  | 0.52%  | 0.050% |
| 272 | 17.371 | 17.347 | 17.410 | VV | 2035   | 59777  | 1.70%  | 0.162% |
| 273 | 17.449 | 17.410 | 17.492 | VV | 11093  | 181973 | 5.17%  | 0.493% |
| 274 | 17.540 | 17.492 | 17.565 | VV | 1472   | 49256  | 1.40%  | 0.133% |
| 275 | 17.589 | 17.565 | 17.612 | VV | 1910   | 37503  | 1.07%  | 0.102% |
| 276 | 17.625 | 17.612 | 17.658 | VV | 1135   | 25789  | 0.73%  | 0.070% |
| 277 | 17.732 | 17.658 | 17.752 | VV | 1256   | 57636  | 1.64%  | 0.156% |
| 278 | 17.781 | 17.752 | 17.805 | VV | 1063   | 29415  | 0.84%  | 0.080% |
| 279 | 17.848 | 17.805 | 17.861 | VV | 2553   | 56177  | 1.60%  | 0.152% |
| 280 | 17.885 | 17.861 | 17.944 | VV | 9518   | 178672 | 5.08%  | 0.484% |
| 281 | 17.977 | 17.944 | 17.999 | VV | 2725   | 60518  | 1.72%  | 0.164% |
| 282 | 18.023 | 17.999 | 18.044 | VV | 1893   | 44461  | 1.26%  | 0.120% |
| 283 | 18.077 | 18.044 | 18.115 | VV | 2148   | 82239  | 2.34%  | 0.223% |
| 284 | 18.136 | 18.115 | 18.180 | VV | 2206   | 74682  | 2.12%  | 0.202% |
| 285 | 18.209 | 18.180 | 18.220 | VV | 3928   | 66704  | 1.90%  | 0.181% |
| 286 | 18.249 | 18.220 | 18.278 | VV | 12396  | 266866 | 7.58%  | 0.723% |
| 287 | 18.304 | 18.278 | 18.365 | VV | 16228  | 370842 | 10.54% | 1.005% |
| 288 | 18.383 | 18.365 | 18.398 | VV | 2937   | 52494  | 1.49%  | 0.142% |
| 289 | 18.432 | 18.398 | 18.448 | VV | 4318   | 97033  | 2.76%  | 0.263% |
| 290 | 18.463 | 18.448 | 18.492 | VV | 3696   | 82024  | 2.33%  | 0.222% |
| 291 | 18.509 | 18.492 | 18.526 | VV | 2632   | 51183  | 1.45%  | 0.139% |
| 292 | 18.554 | 18.526 | 18.595 | VV | 8797   | 185448 | 5.27%  | 0.502% |
| 293 | 18.614 | 18.595 | 18.624 | VV | 2916   | 46398  | 1.32%  | 0.126% |
| 294 | 18.638 | 18.624 | 18.652 | VV | 2968   | 47206  | 1.34%  | 0.128% |
| 295 | 18.715 | 18.652 | 18.750 | VV | 9308   | 299826 | 8.52%  | 0.812% |
| 296 | 18.774 | 18.750 | 18.782 | VV | 3034   | 55427  | 1.58%  | 0.150% |
| 297 | 18.817 | 18.782 | 18.842 | VV | 4410   | 131602 | 3.74%  | 0.356% |
| 298 | 18.864 | 18.842 | 18.874 | VV | 3554   | 63809  | 1.81%  | 0.173% |
| 299 | 18.891 | 18.874 | 18.905 | VV | 3696   | 65556  | 1.86%  | 0.178% |

|     |        |        |        |                         |         |          |        |        |
|-----|--------|--------|--------|-------------------------|---------|----------|--------|--------|
|     |        |        |        |                         | rterres |          |        |        |
| 300 | 18.917 | 18.905 | 18.928 | VV                      | 3612    | 48364    | 1.37%  | 0.131% |
| 301 | 18.947 | 18.928 | 18.962 | VV                      | 3524    | 69612    | 1.98%  | 0.189% |
| 302 | 18.985 | 18.962 | 19.004 | VV                      | 4043    | 94550    | 2.69%  | 0.256% |
| 303 | 19.022 | 19.004 | 19.040 | VV                      | 4034    | 81937    | 2.33%  | 0.222% |
| 304 | 19.077 | 19.040 | 19.094 | VV                      | 9116    | 220588   | 6.27%  | 0.598% |
| 305 | 19.111 | 19.094 | 19.180 | VV                      | 9883    | 346433   | 9.84%  | 0.938% |
| 306 | 19.221 | 19.180 | 19.242 | VV                      | 5184    | 182482   | 5.19%  | 0.494% |
| 307 | 19.267 | 19.242 | 19.289 | VV                      | 5308    | 140833   | 4.00%  | 0.382% |
| 308 | 19.309 | 19.289 | 19.332 | VV                      | 5450    | 134389   | 3.82%  | 0.364% |
| 309 | 19.354 | 19.332 | 19.364 | VV                      | 5318    | 98874    | 2.81%  | 0.268% |
| 310 | 19.397 | 19.364 | 19.422 | VV                      | 5822    | 193794   | 5.51%  | 0.525% |
| 311 | 19.434 | 19.422 | 19.447 | VV                      | 5651    | 84045    | 2.39%  | 0.228% |
| 312 | 19.499 | 19.447 | 19.525 | VV                      | 8676    | 307373   | 8.73%  | 0.833% |
| 313 | 19.543 | 19.525 | 19.554 | VV                      | 5868    | 97669    | 2.78%  | 0.265% |
| 314 | 19.582 | 19.554 | 19.599 | VV                      | 7183    | 179067   | 5.09%  | 0.485% |
| 315 | 19.611 | 19.599 | 19.627 | VV                      | 7152    | 118758   | 3.37%  | 0.322% |
| 316 | 19.643 | 19.627 | 19.665 | VV                      | 7143    | 157668   | 4.48%  | 0.427% |
| 317 | 19.707 | 19.665 | 19.740 | VV                      | 9093    | 350914   | 9.97%  | 0.951% |
| 318 | 19.778 | 19.740 | 19.807 | VV                      | 9160    | 322512   | 9.17%  | 0.874% |
| 319 | 19.878 | 19.807 | 19.946 | VV                      | 12766   | 777386   | 22.09% | 2.106% |
| 320 | 19.970 | 19.946 | 19.980 | VV                      | 8946    | 182680   | 5.19%  | 0.495% |
| 321 | 19.992 | 19.980 | 20.014 | VV                      | 8957    | 173679   | 4.94%  | 0.470% |
| 322 | 20.091 | 20.014 | 20.119 | VV                      | 11984   | 631716   | 17.95% | 1.711% |
| 323 | 20.149 | 20.119 | 20.200 | VV                      | 11363   | 529234   | 15.04% | 1.434% |
| 324 | 20.235 | 20.200 | 20.289 | VV                      | 12596   | 598024   | 16.99% | 1.620% |
| 325 | 20.413 | 20.289 | 20.537 | VV                      | 13988   | 1802510  | 51.22% | 4.883% |
| 326 | 20.603 | 20.537 | 20.687 | VV                      | 13395   | 1090240  | 30.98% | 2.953% |
| 327 | 20.714 | 20.687 | 20.735 | VV                      | 11686   | 334025   | 9.49%  | 0.905% |
| 328 | 20.744 | 20.735 | 20.839 | VV                      | 11268   | 670809   | 19.06% | 1.817% |
| 329 | 21.000 | 20.839 | 21.104 | VV                      | 12043   | 1745456  | 49.60% | 4.728% |
| 330 | 21.146 | 21.104 | 21.177 | VV                      | 10753   | 462651   | 13.15% | 1.253% |
| 331 | 21.191 | 21.177 | 21.204 | VV                      | 10594   | 171321   | 4.87%  | 0.464% |
| 332 | 21.235 | 21.204 | 21.249 | VV                      | 11046   | 292780   | 8.32%  | 0.793% |
| 333 | 21.287 | 21.249 | 21.359 | VV                      | 11338   | 731598   | 20.79% | 1.982% |
| 334 | 21.365 | 21.359 | 21.399 | VV                      | 10901   | 257280   | 7.31%  | 0.697% |
| 335 | 21.419 | 21.399 | 21.442 | VV                      | 10400   | 264827   | 7.53%  | 0.717% |
| 336 | 21.458 | 21.442 | 21.495 | VV                      | 10412   | 322912   | 9.18%  | 0.875% |
| 337 | 21.562 | 21.495 | 21.571 | VV                      | 10522   | 458078   | 13.02% | 1.241% |
| 338 | 21.602 | 21.571 | 21.629 | VV                      | 10846   | 373217   | 10.61% | 1.011% |
| 339 | 21.636 | 21.629 | 21.689 | VV                      | 10710   | 368675   | 10.48% | 0.999% |
| 340 | 21.714 | 21.689 | 21.726 | VV                      | 10162   | 223086   | 6.34%  | 0.604% |
| 341 | 21.734 | 21.726 | 21.832 | VV                      | 10208   | 619947   | 17.62% | 1.679% |
| 342 | 21.868 | 21.832 | 21.902 | VV                      | 9709    | 398621   | 11.33% | 1.080% |
| 343 | 21.972 | 21.902 | 22.050 | VBA                     | 10211   | 880589   | 25.02% | 2.385% |
|     |        |        |        | Sum of corrected areas: |         | 36915050 |        |        |

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