

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062420AL\  
Data File : FC048046.D  
Signal(s) : FID1A.CH  
Acq On : 24 Jun 2020 18:09  
Sample : L3071-02D  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 060920.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         | 3.538       | 3.482        | 3.578      | BV       | 152238         | 1815656      | 51.06%         | 1.432%        |
| 2         | 3.592       | 3.578        | 3.627      | VV       | 7878           | 82051        | 2.31%          | 0.065%        |
| 3         | 3.670       | 3.627        | 3.688      | PV       | 18073          | 312063       | 8.78%          | 0.246%        |
| 4         | 3.715       | 3.688        | 3.727      | VV       | 39829          | 424136       | 11.93%         | 0.334%        |
| 5         | 3.738       | 3.727        | 3.773      | VV       | 26467          | 371182       | 10.44%         | 0.293%        |
| 6         | 3.814       | 3.773        | 3.837      | VV       | 46873          | 660914       | 18.59%         | 0.521%        |
| 7         | 3.859       | 3.837        | 3.884      | VV       | 41465          | 520358       | 14.63%         | 0.410%        |
| 8         | 3.908       | 3.884        | 3.927      | VV       | 50667          | 540497       | 15.20%         | 0.426%        |
| 9         | 3.966       | 3.927        | 3.999      | VV       | 33562          | 835968       | 23.51%         | 0.659%        |
| 10        | 4.008       | 3.999        | 4.021      | VV       | 12970          | 130202       | 3.66%          | 0.103%        |
| 11        | 4.041       | 4.021        | 4.058      | VV       | 17371          | 294811       | 8.29%          | 0.232%        |
| 12        | 4.067       | 4.058        | 4.096      | VV       | 13272          | 239773       | 6.74%          | 0.189%        |
| 13        | 4.132       | 4.096        | 4.153      | VV       | 33610          | 723444       | 20.34%         | 0.570%        |
| 14        | 4.204       | 4.153        | 4.220      | VV       | 277112         | 3003238      | 84.45%         | 2.368%        |
| 15        | 4.230       | 4.220        | 4.250      | VV       | 81570          | 829837       | 23.34%         | 0.654%        |
| 16        | 4.261       | 4.250        | 4.279      | VV       | 20241          | 279944       | 7.87%          | 0.221%        |
| 17        | 4.298       | 4.279        | 4.319      | VV       | 80501          | 889306       | 25.01%         | 0.701%        |
| 18        | 4.336       | 4.319        | 4.356      | VV       | 67077          | 677776       | 19.06%         | 0.534%        |
| 19        | 4.380       | 4.356        | 4.400      | VV       | 35584          | 539620       | 15.17%         | 0.425%        |
| 20        | 4.425       | 4.400        | 4.459      | VV       | 52735          | 909158       | 25.57%         | 0.717%        |
| 21        | 4.468       | 4.459        | 4.487      | VV       | 9642           | 112960       | 3.18%          | 0.089%        |
| 22        | 4.516       | 4.487        | 4.537      | VV       | 59262          | 820730       | 23.08%         | 0.647%        |
| 23        | 4.554       | 4.537        | 4.582      | VV       | 39267          | 686919       | 19.32%         | 0.542%        |
| 24        | 4.600       | 4.582        | 4.645      | VV       | 104761         | 1338215      | 37.63%         | 1.055%        |
| 25        | 4.674       | 4.645        | 4.695      | VV       | 17652          | 329286       | 9.26%          | 0.260%        |
| 26        | 4.751       | 4.695        | 4.792      | VV       | 36129          | 982139       | 27.62%         | 0.774%        |
| 27        | 4.816       | 4.792        | 4.836      | VV       | 26751          | 518005       | 14.57%         | 0.408%        |
| 28        | 4.851       | 4.836        | 4.865      | VV       | 30229          | 324522       | 9.13%          | 0.256%        |
| 29        | 4.883       | 4.865        | 4.922      | VV       | 170607         | 1909432      | 53.70%         | 1.506%        |
| 30        | 4.949       | 4.922        | 4.963      | VV       | 68377          | 847429       | 23.83%         | 0.668%        |
| 31        | 4.983       | 4.963        | 5.017      | VV       | 184753         | 2218594      | 62.39%         | 1.749%        |
| 32        | 5.032       | 5.017        | 5.053      | VV       | 52615          | 743466       | 20.91%         | 0.586%        |
| 33        | 5.066       | 5.053        | 5.082      | VV       | 31258          | 451646       | 12.70%         | 0.356%        |
| 34        | 5.094       | 5.082        | 5.110      | VV       | 24205          | 347945       | 9.78%          | 0.274%        |
| 35        | 5.146       | 5.110        | 5.161      | VV       | 37859          | 676251       | 19.02%         | 0.533%        |
| 36        | 5.181       | 5.161        | 5.217      | VV       | 160884         | 2532960      | 71.23%         | 1.997%        |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 37     | 5.232 | 5.217 | 5.255 | VV | 56780  | 754987  | 21.23% | 0.595% |
| 38     | 5.280 | 5.255 | 5.311 | VV | 153132 | 2038504 | 57.32% | 1.607% |
| 39     | 5.335 | 5.311 | 5.360 | VV | 50913  | 789367  | 22.20% | 0.622% |
| 40     | 5.403 | 5.360 | 5.428 | VV | 82362  | 1569990 | 44.15% | 1.238% |
| 41     | 5.438 | 5.428 | 5.461 | VV | 29015  | 449794  | 12.65% | 0.355% |
| 42     | 5.471 | 5.461 | 5.491 | VV | 20170  | 317256  | 8.92%  | 0.250% |
| 43     | 5.530 | 5.491 | 5.562 | VV | 41618  | 1191741 | 33.51% | 0.940% |
| 44     | 5.578 | 5.562 | 5.596 | VV | 29209  | 404279  | 11.37% | 0.319% |
| 45     | 5.627 | 5.596 | 5.653 | VV | 97204  | 1252131 | 35.21% | 0.987% |
| 46     | 5.669 | 5.653 | 5.686 | VV | 21235  | 299305  | 8.42%  | 0.236% |
| 47     | 5.701 | 5.686 | 5.730 | VV | 19648  | 346808  | 9.75%  | 0.273% |
| 48     | 5.746 | 5.730 | 5.759 | VV | 16629  | 223682  | 6.29%  | 0.176% |
| 49     | 5.807 | 5.759 | 5.830 | VV | 18400  | 630365  | 17.73% | 0.497% |
| 50     | 5.839 | 5.830 | 5.848 | VV | 15379  | 150517  | 4.23%  | 0.119% |
| 51     | 5.864 | 5.848 | 5.883 | VV | 18216  | 305113  | 8.58%  | 0.241% |
| 52     | 5.903 | 5.883 | 5.920 | VV | 41723  | 568575  | 15.99% | 0.448% |
| 53     | 5.928 | 5.920 | 5.957 | VV | 22579  | 364112  | 10.24% | 0.287% |
| 54     | 5.972 | 5.957 | 5.995 | VV | 19458  | 305900  | 8.60%  | 0.241% |
| 55     | 6.028 | 5.995 | 6.055 | VV | 16492  | 390669  | 10.99% | 0.308% |
| 56     | 6.081 | 6.055 | 6.107 | VV | 12191  | 267330  | 7.52%  | 0.211% |
| 57     | 6.128 | 6.107 | 6.145 | VV | 13285  | 252075  | 7.09%  | 0.199% |
| 58     | 6.180 | 6.145 | 6.195 | VV | 28516  | 558531  | 15.71% | 0.440% |
| 59     | 6.214 | 6.195 | 6.241 | VV | 30565  | 555543  | 15.62% | 0.438% |
| 60     | 6.261 | 6.241 | 6.293 | VV | 30098  | 476612  | 13.40% | 0.376% |
| 61     | 6.317 | 6.293 | 6.336 | VV | 55199  | 776430  | 21.83% | 0.612% |
| 62     | 6.347 | 6.336 | 6.397 | VV | 30537  | 480447  | 13.51% | 0.379% |
| 63     | 6.439 | 6.397 | 6.462 | VV | 10846  | 323694  | 9.10%  | 0.255% |
| 64     | 6.485 | 6.462 | 6.513 | VV | 12929  | 291696  | 8.20%  | 0.230% |
| 65     | 6.538 | 6.513 | 6.571 | VV | 10238  | 275270  | 7.74%  | 0.217% |
| 66     | 6.599 | 6.571 | 6.649 | VV | 83543  | 1076707 | 30.28% | 0.849% |
| 67     | 6.680 | 6.649 | 6.697 | VV | 7983   | 181381  | 5.10%  | 0.143% |
| 68     | 6.714 | 6.697 | 6.727 | VV | 8012   | 129836  | 3.65%  | 0.102% |
| 69     | 6.745 | 6.727 | 6.767 | VV | 28729  | 364888  | 10.26% | 0.288% |
| 70     | 6.786 | 6.767 | 6.802 | VV | 10570  | 194488  | 5.47%  | 0.153% |
| 71     | 6.816 | 6.802 | 6.853 | VV | 12463  | 282853  | 7.95%  | 0.223% |
| 72     | 6.872 | 6.853 | 6.901 | VV | 11224  | 224404  | 6.31%  | 0.177% |
| 73     | 6.925 | 6.901 | 6.945 | VV | 12815  | 208517  | 5.86%  | 0.164% |
| 74     | 6.960 | 6.945 | 6.972 | VV | 7410   | 105458  | 2.97%  | 0.083% |
| 75     | 6.989 | 6.972 | 7.007 | VV | 7717   | 135826  | 3.82%  | 0.107% |
| 76     | 7.053 | 7.007 | 7.072 | VV | 6670   | 222632  | 6.26%  | 0.176% |
| 77     | 7.107 | 7.072 | 7.135 | VV | 15332  | 378905  | 10.66% | 0.299% |
| 78     | 7.152 | 7.135 | 7.172 | VV | 14493  | 209016  | 5.88%  | 0.165% |
| 79     | 7.194 | 7.172 | 7.232 | VV | 21262  | 400602  | 11.27% | 0.316% |
| 80     | 7.252 | 7.232 | 7.268 | VV | 20069  | 256377  | 7.21%  | 0.202% |
| 81     | 7.290 | 7.268 | 7.309 | VV | 22082  | 325186  | 9.14%  | 0.256% |
| 82     | 7.320 | 7.309 | 7.338 | VV | 7406   | 109679  | 3.08%  | 0.086% |
| 83     | 7.364 | 7.338 | 7.379 | VV | 8533   | 157305  | 4.42%  | 0.124% |
| 84     | 7.406 | 7.379 | 7.435 | VV | 13301  | 284986  | 8.01%  | 0.225% |
| 85     | 7.446 | 7.435 | 7.458 | VV | 6605   | 84633   | 2.38%  | 0.067% |
| 86     | 7.514 | 7.458 | 7.551 | VV | 58829  | 937771  | 26.37% | 0.739% |
| 87     | 7.566 | 7.551 | 7.587 | VV | 7531   | 141399  | 3.98%  | 0.111% |
| 88     | 7.631 | 7.587 | 7.659 | VV | 8008   | 297616  | 8.37%  | 0.235% |
| 89     | 7.682 | 7.659 | 7.709 | VV | 10785  | 245256  | 6.90%  | 0.193% |

|     |       |       |        |    |        |        |        |        |
|-----|-------|-------|--------|----|--------|--------|--------|--------|
|     |       |       |        |    | rteres |        |        |        |
| 90  | 7.747 | 7.709 | 7.790  | VV | 9173   | 331259 | 9.32%  | 0.261% |
| 91  | 7.830 | 7.790 | 7.844  | VV | 9805   | 234389 | 6.59%  | 0.185% |
| 92  | 7.872 | 7.844 | 7.885  | VV | 11008  | 229870 | 6.46%  | 0.181% |
| 93  | 7.902 | 7.885 | 7.925  | VV | 23317  | 318438 | 8.95%  | 0.251% |
| 94  | 7.963 | 7.925 | 7.974  | VV | 13052  | 272091 | 7.65%  | 0.215% |
| 95  | 7.984 | 7.974 | 8.012  | VV | 16373  | 247050 | 6.95%  | 0.195% |
| 96  | 8.031 | 8.012 | 8.050  | VV | 13339  | 206512 | 5.81%  | 0.163% |
| 97  | 8.075 | 8.050 | 8.095  | VV | 21652  | 335005 | 9.42%  | 0.264% |
| 98  | 8.130 | 8.095 | 8.148  | VV | 22681  | 430452 | 12.10% | 0.339% |
| 99  | 8.156 | 8.148 | 8.175  | VV | 10539  | 134785 | 3.79%  | 0.106% |
| 100 | 8.197 | 8.175 | 8.214  | VV | 24135  | 328288 | 9.23%  | 0.259% |
| 101 | 8.222 | 8.214 | 8.275  | VV | 11031  | 320725 | 9.02%  | 0.253% |
| 102 | 8.293 | 8.275 | 8.317  | VV | 10336  | 207973 | 5.85%  | 0.164% |
| 103 | 8.334 | 8.317 | 8.347  | VV | 7645   | 129681 | 3.65%  | 0.102% |
| 104 | 8.375 | 8.347 | 8.407  | VV | 55017  | 752122 | 21.15% | 0.593% |
| 105 | 8.421 | 8.407 | 8.450  | VV | 9415   | 194549 | 5.47%  | 0.153% |
| 106 | 8.469 | 8.450 | 8.501  | VV | 8375   | 221149 | 6.22%  | 0.174% |
| 107 | 8.516 | 8.501 | 8.533  | VV | 7231   | 128344 | 3.61%  | 0.101% |
| 108 | 8.552 | 8.533 | 8.585  | VV | 12728  | 258739 | 7.28%  | 0.204% |
| 109 | 8.601 | 8.585 | 8.611  | VV | 5449   | 79202  | 2.23%  | 0.062% |
| 110 | 8.654 | 8.611 | 8.684  | VV | 6465   | 242029 | 6.81%  | 0.191% |
| 111 | 8.696 | 8.684 | 8.712  | VV | 5333   | 81714  | 2.30%  | 0.064% |
| 112 | 8.737 | 8.712 | 8.762  | VV | 9193   | 213724 | 6.01%  | 0.169% |
| 113 | 8.783 | 8.762 | 8.805  | VV | 11068  | 221475 | 6.23%  | 0.175% |
| 114 | 8.818 | 8.805 | 8.830  | VV | 8617   | 116971 | 3.29%  | 0.092% |
| 115 | 8.843 | 8.830 | 8.852  | VV | 9924   | 116737 | 3.28%  | 0.092% |
| 116 | 8.860 | 8.852 | 8.877  | VV | 9687   | 123194 | 3.46%  | 0.097% |
| 117 | 8.906 | 8.877 | 8.936  | VV | 41789  | 587281 | 16.51% | 0.463% |
| 118 | 8.958 | 8.936 | 8.977  | VV | 10789  | 176284 | 4.96%  | 0.139% |
| 119 | 8.990 | 8.977 | 9.007  | VV | 6383   | 98445  | 2.77%  | 0.078% |
| 120 | 9.019 | 9.007 | 9.037  | VV | 4961   | 86996  | 2.45%  | 0.069% |
| 121 | 9.051 | 9.037 | 9.069  | VV | 6849   | 110171 | 3.10%  | 0.087% |
| 122 | 9.083 | 9.069 | 9.099  | VV | 5112   | 85728  | 2.41%  | 0.068% |
| 123 | 9.131 | 9.099 | 9.157  | VV | 7072   | 202408 | 5.69%  | 0.160% |
| 124 | 9.190 | 9.157 | 9.242  | VV | 45215  | 734168 | 20.65% | 0.579% |
| 125 | 9.275 | 9.242 | 9.359  | VV | 7543   | 352226 | 9.90%  | 0.278% |
| 126 | 9.374 | 9.359 | 9.392  | VV | 3824   | 69562  | 1.96%  | 0.055% |
| 127 | 9.423 | 9.392 | 9.440  | VV | 5713   | 136887 | 3.85%  | 0.108% |
| 128 | 9.456 | 9.440 | 9.475  | VV | 5392   | 104831 | 2.95%  | 0.083% |
| 129 | 9.484 | 9.475 | 9.498  | VV | 4868   | 62961  | 1.77%  | 0.050% |
| 130 | 9.514 | 9.498 | 9.524  | VV | 4913   | 71235  | 2.00%  | 0.056% |
| 131 | 9.566 | 9.524 | 9.590  | VV | 15859  | 361063 | 10.15% | 0.285% |
| 132 | 9.600 | 9.590 | 9.620  | VV | 8509   | 130297 | 3.66%  | 0.103% |
| 133 | 9.643 | 9.620 | 9.667  | VV | 11360  | 217490 | 6.12%  | 0.171% |
| 134 | 9.690 | 9.667 | 9.709  | VV | 12803  | 212125 | 5.97%  | 0.167% |
| 135 | 9.720 | 9.709 | 9.729  | VV | 7558   | 83992  | 2.36%  | 0.066% |
| 136 | 9.744 | 9.729 | 9.767  | VV | 10965  | 163893 | 4.61%  | 0.129% |
| 137 | 9.782 | 9.767 | 9.794  | VV | 4182   | 64027  | 1.80%  | 0.050% |
| 138 | 9.801 | 9.794 | 9.849  | VV | 4188   | 124317 | 3.50%  | 0.098% |
| 139 | 9.877 | 9.849 | 9.895  | VV | 4883   | 113353 | 3.19%  | 0.089% |
| 140 | 9.920 | 9.895 | 9.939  | VV | 7541   | 163545 | 4.60%  | 0.129% |
| 141 | 9.962 | 9.939 | 10.010 | VV | 44153  | 653833 | 18.39% | 0.516% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 142 | 10.028 | 10.010 | 10.055 | VV | 6775   | 163641 | 4.60%  | 0.129% |
| 143 | 10.064 | 10.055 | 10.117 | VV | 6387   | 186179 | 5.24%  | 0.147% |
| 144 | 10.137 | 10.117 | 10.155 | VV | 4731   | 95869  | 2.70%  | 0.076% |
| 145 | 10.175 | 10.155 | 10.217 | VV | 5448   | 177395 | 4.99%  | 0.140% |
|     |        |        |        |    |        |        |        |        |
| 146 | 10.237 | 10.217 | 10.265 | VV | 5506   | 130786 | 3.68%  | 0.103% |
| 147 | 10.306 | 10.265 | 10.319 | VV | 9054   | 195319 | 5.49%  | 0.154% |
| 148 | 10.347 | 10.319 | 10.375 | VV | 37359  | 566818 | 15.94% | 0.447% |
| 149 | 10.396 | 10.375 | 10.416 | VV | 8549   | 165005 | 4.64%  | 0.130% |
| 150 | 10.436 | 10.416 | 10.465 | VV | 10781  | 214046 | 6.02%  | 0.169% |
|     |        |        |        |    |        |        |        |        |
| 151 | 10.490 | 10.465 | 10.522 | VV | 10516  | 224834 | 6.32%  | 0.177% |
| 152 | 10.541 | 10.522 | 10.562 | VV | 4161   | 92881  | 2.61%  | 0.073% |
| 153 | 10.590 | 10.562 | 10.604 | VV | 4793   | 102207 | 2.87%  | 0.081% |
| 154 | 10.624 | 10.604 | 10.656 | VV | 6152   | 156122 | 4.39%  | 0.123% |
| 155 | 10.695 | 10.656 | 10.733 | VV | 41263  | 657291 | 18.48% | 0.518% |
|     |        |        |        |    |        |        |        |        |
| 156 | 10.764 | 10.733 | 10.795 | VV | 49554  | 783618 | 22.04% | 0.618% |
| 157 | 10.812 | 10.795 | 10.849 | VV | 6157   | 167004 | 4.70%  | 0.132% |
| 158 | 10.900 | 10.849 | 10.918 | VV | 4799   | 177631 | 5.00%  | 0.140% |
| 159 | 10.947 | 10.918 | 10.962 | VV | 5267   | 119851 | 3.37%  | 0.094% |
| 160 | 10.973 | 10.962 | 10.986 | VV | 4584   | 61204  | 1.72%  | 0.048% |
|     |        |        |        |    |        |        |        |        |
| 161 | 11.012 | 10.986 | 11.050 | VV | 7649   | 242488 | 6.82%  | 0.191% |
| 162 | 11.084 | 11.050 | 11.125 | VV | 11086  | 332712 | 9.36%  | 0.262% |
| 163 | 11.145 | 11.125 | 11.166 | VV | 9149   | 152297 | 4.28%  | 0.120% |
| 164 | 11.197 | 11.166 | 11.237 | VV | 8007   | 216364 | 6.08%  | 0.171% |
| 165 | 11.246 | 11.237 | 11.272 | VV | 4194   | 78470  | 2.21%  | 0.062% |
|     |        |        |        |    |        |        |        |        |
| 166 | 11.288 | 11.272 | 11.305 | VV | 3933   | 73034  | 2.05%  | 0.058% |
| 167 | 11.347 | 11.305 | 11.359 | VV | 4577   | 137088 | 3.86%  | 0.108% |
| 168 | 11.391 | 11.359 | 11.448 | VV | 39179  | 616133 | 17.33% | 0.486% |
| 169 | 11.481 | 11.448 | 11.527 | VV | 26102  | 477392 | 13.42% | 0.376% |
| 170 | 11.545 | 11.527 | 11.574 | VV | 4021   | 97510  | 2.74%  | 0.077% |
|     |        |        |        |    |        |        |        |        |
| 171 | 11.590 | 11.574 | 11.612 | VV | 3577   | 73613  | 2.07%  | 0.058% |
| 172 | 11.684 | 11.612 | 11.729 | VV | 7117   | 321542 | 9.04%  | 0.254% |
| 173 | 11.745 | 11.729 | 11.764 | VV | 4798   | 85276  | 2.40%  | 0.067% |
| 174 | 11.787 | 11.764 | 11.809 | VV | 7417   | 150786 | 4.24%  | 0.119% |
| 175 | 11.822 | 11.809 | 11.845 | VV | 6751   | 108848 | 3.06%  | 0.086% |
|     |        |        |        |    |        |        |        |        |
| 176 | 11.874 | 11.845 | 11.894 | VV | 6125   | 133272 | 3.75%  | 0.105% |
| 177 | 11.907 | 11.894 | 11.927 | VV | 3916   | 68566  | 1.93%  | 0.054% |
| 178 | 11.943 | 11.927 | 11.964 | VV | 3992   | 76781  | 2.16%  | 0.061% |
| 179 | 11.979 | 11.964 | 11.994 | VV | 3341   | 55813  | 1.57%  | 0.044% |
| 180 | 12.056 | 11.994 | 12.093 | VV | 31219  | 603653 | 16.98% | 0.476% |
|     |        |        |        |    |        |        |        |        |
| 181 | 12.109 | 12.093 | 12.127 | VV | 3969   | 77945  | 2.19%  | 0.061% |
| 182 | 12.137 | 12.127 | 12.146 | VV | 3638   | 39929  | 1.12%  | 0.031% |
| 183 | 12.163 | 12.146 | 12.176 | VV | 3910   | 64808  | 1.82%  | 0.051% |
| 184 | 12.188 | 12.176 | 12.227 | VV | 3573   | 94080  | 2.65%  | 0.074% |
| 185 | 12.269 | 12.227 | 12.299 | VV | 3138   | 121739 | 3.42%  | 0.096% |
|     |        |        |        |    |        |        |        |        |
| 186 | 12.330 | 12.299 | 12.377 | VV | 5025   | 173932 | 4.89%  | 0.137% |
| 187 | 12.393 | 12.377 | 12.408 | VV | 3526   | 56339  | 1.58%  | 0.044% |
| 188 | 12.466 | 12.408 | 12.500 | VV | 6101   | 213646 | 6.01%  | 0.168% |
| 189 | 12.518 | 12.500 | 12.542 | VV | 4478   | 86285  | 2.43%  | 0.068% |
| 190 | 12.558 | 12.542 | 12.591 | VV | 2871   | 74046  | 2.08%  | 0.058% |
|     |        |        |        |    |        |        |        |        |
| 191 | 12.614 | 12.591 | 12.647 | VV | 3659   | 94792  | 2.67%  | 0.075% |
| 192 | 12.691 | 12.647 | 12.739 | VV | 26074  | 403001 | 11.33% | 0.318% |
| 193 | 12.755 | 12.739 | 12.807 | VV | 3281   | 101026 | 2.84%  | 0.080% |
| 194 | 12.835 | 12.807 | 12.895 | VV | 2607   | 101205 | 2.85%  | 0.080% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 195 | 12.910 | 12.895 | 12.921 | VV | 1922   | 25817   | 0.73%   | 0.020% |
| 196 | 12.945 | 12.921 | 12.998 | VV | 3109   | 109457  | 3.08%   | 0.086% |
| 197 | 13.013 | 12.998 | 13.034 | VV | 2214   | 38949   | 1.10%   | 0.031% |
| 198 | 13.052 | 13.034 | 13.069 | VV | 2652   | 42764   | 1.20%   | 0.034% |
| 199 | 13.083 | 13.069 | 13.102 | VV | 3346   | 52459   | 1.48%   | 0.041% |
| 200 | 13.139 | 13.102 | 13.270 | VV | 295988 | 3556049 | 100.00% | 2.804% |
| 201 | 13.299 | 13.270 | 13.329 | VV | 14979  | 215208  | 6.05%   | 0.170% |
| 202 | 13.347 | 13.329 | 13.429 | VV | 2591   | 98325   | 2.77%   | 0.078% |
| 203 | 13.433 | 13.429 | 13.452 | VV | 1094   | 13763   | 0.39%   | 0.011% |
| 204 | 13.465 | 13.452 | 13.488 | VV | 1157   | 20638   | 0.58%   | 0.016% |
| 205 | 13.527 | 13.488 | 13.557 | VV | 2519   | 67203   | 1.89%   | 0.053% |
| 206 | 13.570 | 13.557 | 13.594 | VV | 1576   | 30899   | 0.87%   | 0.024% |
| 207 | 13.599 | 13.594 | 13.622 | VV | 1294   | 20024   | 0.56%   | 0.016% |
| 208 | 13.643 | 13.622 | 13.657 | VV | 1388   | 23097   | 0.65%   | 0.018% |
| 209 | 13.674 | 13.657 | 13.703 | VV | 1780   | 37324   | 1.05%   | 0.029% |
| 210 | 13.722 | 13.703 | 13.765 | VV | 2212   | 50783   | 1.43%   | 0.040% |
| 211 | 13.788 | 13.765 | 13.839 | VV | 1270   | 40266   | 1.13%   | 0.032% |
| 212 | 13.845 | 13.839 | 13.855 | VV | 731    | 6373    | 0.18%   | 0.005% |
| 213 | 13.880 | 13.855 | 13.919 | VV | 10495  | 141870  | 3.99%   | 0.112% |
| 214 | 13.938 | 13.919 | 13.951 | VV | 1102   | 17368   | 0.49%   | 0.014% |
| 215 | 13.969 | 13.951 | 13.992 | VV | 1047   | 19466   | 0.55%   | 0.015% |
| 216 | 14.010 | 13.992 | 14.048 | VV | 661    | 18450   | 0.52%   | 0.015% |
| 217 | 14.109 | 14.048 | 14.156 | VV | 1639   | 53230   | 1.50%   | 0.042% |
| 218 | 14.174 | 14.156 | 14.197 | VV | 779    | 14847   | 0.42%   | 0.012% |
| 219 | 14.210 | 14.197 | 14.224 | VV | 598    | 8239    | 0.23%   | 0.006% |
| 220 | 14.243 | 14.224 | 14.265 | VV | 981    | 17620   | 0.50%   | 0.014% |
| 221 | 14.321 | 14.265 | 14.382 | VV | 3173   | 77238   | 2.17%   | 0.061% |
| 222 | 14.399 | 14.382 | 14.412 | VV | 469    | 6862    | 0.19%   | 0.005% |
| 223 | 14.439 | 14.412 | 14.484 | VV | 5904   | 84504   | 2.38%   | 0.067% |
| 224 | 14.504 | 14.484 | 14.525 | VV | 436    | 9705    | 0.27%   | 0.008% |
| 225 | 14.568 | 14.525 | 14.622 | VV | 560    | 18061   | 0.51%   | 0.014% |
| 226 | 14.643 | 14.622 | 14.671 | PV | 509    | 10365   | 0.29%   | 0.008% |
| 227 | 14.693 | 14.671 | 14.705 | VV | 386    | 6258    | 0.18%   | 0.005% |
| 228 | 14.720 | 14.705 | 14.745 | VV | 298    | 5996    | 0.17%   | 0.005% |
| 229 | 14.756 | 14.745 | 14.774 | VV | 261    | 2926    | 0.08%   | 0.002% |
| 230 | 14.786 | 14.774 | 14.806 | VV | 512    | 5656    | 0.16%   | 0.004% |
| 231 | 14.832 | 14.806 | 14.857 | VV | 556    | 9169    | 0.26%   | 0.007% |
| 232 | 14.874 | 14.857 | 14.891 | VV | 213    | 2934    | 0.08%   | 0.002% |
| 233 | 14.922 | 14.891 | 14.947 | VV | 157    | 3490    | 0.10%   | 0.003% |
| 234 | 14.977 | 14.947 | 15.069 | VV | 3940   | 65144   | 1.83%   | 0.051% |
| 235 | 15.085 | 15.069 | 15.100 | VV | 220    | 2887    | 0.08%   | 0.002% |
| 236 | 15.112 | 15.100 | 15.142 | VV | 254    | 3442    | 0.10%   | 0.003% |
| 237 | 15.168 | 15.142 | 15.185 | PV | 331    | 5208    | 0.15%   | 0.004% |
| 238 | 15.189 | 15.185 | 15.212 | VV | 217    | 2855    | 0.08%   | 0.002% |
| 239 | 15.222 | 15.212 | 15.282 | VV | 256    | 6774    | 0.19%   | 0.005% |
| 240 | 15.308 | 15.282 | 15.340 | VV | 319    | 6844    | 0.19%   | 0.005% |
| 241 | 15.359 | 15.340 | 15.391 | VV | 309    | 5541    | 0.16%   | 0.004% |
| 242 | 15.407 | 15.391 | 15.444 | VV | 269    | 4675    | 0.13%   | 0.004% |
| 243 | 15.494 | 15.444 | 15.570 | VV | 2252   | 43011   | 1.21%   | 0.034% |
| 244 | 15.579 | 15.570 | 15.602 | VV | 244    | 3306    | 0.09%   | 0.003% |
| 245 | 15.611 | 15.602 | 15.637 | VV | 166    | 2386    | 0.07%   | 0.002% |
| 246 | 15.681 | 15.637 | 15.714 | PV | 247    | 8056    | 0.23%   | 0.006% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 247 | 15.728 | 15.714 | 15.741 | VV | 236    | 3462   | 0.10%  | 0.003% |
| 248 | 15.750 | 15.741 | 15.773 | VV | 232    | 3258   | 0.09%  | 0.003% |
| 249 | 15.811 | 15.773 | 15.840 | VV | 374    | 10746  | 0.30%  | 0.008% |
| 250 | 15.866 | 15.840 | 15.912 | VV | 325    | 9892   | 0.28%  | 0.008% |
| 251 | 15.954 | 15.912 | 15.964 | VV | 306    | 7079   | 0.20%  | 0.006% |
| 252 | 15.992 | 15.964 | 16.069 | VV | 2004   | 45934  | 1.29%  | 0.036% |
| 253 | 16.092 | 16.069 | 16.139 | VV | 444    | 10254  | 0.29%  | 0.008% |
| 254 | 16.159 | 16.139 | 16.183 | VV | 315    | 7044   | 0.20%  | 0.006% |
| 255 | 16.212 | 16.183 | 16.245 | VV | 406    | 10157  | 0.29%  | 0.008% |
| 256 | 16.258 | 16.245 | 16.344 | VV | 362    | 13071  | 0.37%  | 0.010% |
| 257 | 16.374 | 16.344 | 16.409 | VV | 193    | 4875   | 0.14%  | 0.004% |
| 258 | 16.472 | 16.409 | 16.555 | PV | 1513   | 29073  | 0.82%  | 0.023% |
| 259 | 16.639 | 16.555 | 16.671 | PV | 267    | 9659   | 0.27%  | 0.008% |
| 260 | 16.813 | 16.671 | 16.822 | VV | 663    | 34972  | 0.98%  | 0.028% |
| 261 | 16.935 | 16.822 | 16.967 | VV | 3001   | 102830 | 2.89%  | 0.081% |
| 262 | 16.978 | 16.967 | 17.007 | VV | 1325   | 29965  | 0.84%  | 0.024% |
| 263 | 17.096 | 17.007 | 17.106 | VV | 1544   | 80616  | 2.27%  | 0.064% |
| 264 | 17.171 | 17.106 | 17.190 | VV | 1782   | 82979  | 2.33%  | 0.065% |
| 265 | 17.245 | 17.190 | 17.257 | VV | 1987   | 75291  | 2.12%  | 0.059% |
| 266 | 17.288 | 17.257 | 17.297 | VV | 2095   | 48680  | 1.37%  | 0.038% |
| 267 | 17.339 | 17.297 | 17.355 | VV | 2210   | 74168  | 2.09%  | 0.058% |
| 268 | 17.382 | 17.355 | 17.495 | VV | 4492   | 204528 | 5.75%  | 0.161% |
| 269 | 17.522 | 17.495 | 17.575 | VV | 2019   | 87350  | 2.46%  | 0.069% |
| 270 | 17.591 | 17.575 | 17.618 | VV | 1672   | 41956  | 1.18%  | 0.033% |
| 271 | 17.818 | 17.618 | 17.855 | VV | 6415   | 400054 | 11.25% | 0.315% |
| 272 | 17.912 | 17.855 | 17.933 | VV | 4279   | 185893 | 5.23%  | 0.147% |
| 273 | 17.983 | 17.933 | 17.995 | VV | 4531   | 160886 | 4.52%  | 0.127% |
| 274 | 18.020 | 17.995 | 18.042 | VV | 4549   | 123580 | 3.48%  | 0.097% |
| 275 | 18.087 | 18.042 | 18.116 | VV | 5062   | 215155 | 6.05%  | 0.170% |
| 276 | 18.125 | 18.116 | 18.187 | VV | 4866   | 196115 | 5.51%  | 0.155% |
| 277 | 18.200 | 18.187 | 18.211 | VV | 4483   | 65265  | 1.84%  | 0.051% |
| 278 | 18.237 | 18.211 | 18.274 | VV | 7200   | 198400 | 5.58%  | 0.156% |
| 279 | 18.284 | 18.274 | 18.297 | VV | 4209   | 58494  | 1.64%  | 0.046% |
| 280 | 18.320 | 18.297 | 18.332 | VV | 4484   | 90040  | 2.53%  | 0.071% |
| 281 | 18.516 | 18.332 | 18.529 | VV | 6904   | 681089 | 19.15% | 0.537% |
| 282 | 18.554 | 18.529 | 18.566 | VV | 7251   | 157377 | 4.43%  | 0.124% |
| 283 | 18.585 | 18.566 | 18.594 | VV | 7034   | 114221 | 3.21%  | 0.090% |
| 284 | 18.645 | 18.594 | 18.711 | VV | 9909   | 513187 | 14.43% | 0.405% |
| 285 | 18.728 | 18.711 | 18.741 | VV | 5920   | 102940 | 2.89%  | 0.081% |
| 286 | 18.752 | 18.741 | 18.789 | VV | 5694   | 160249 | 4.51%  | 0.126% |
| 287 | 18.959 | 18.789 | 18.975 | VV | 8793   | 791979 | 22.27% | 0.624% |
| 288 | 19.041 | 18.975 | 19.064 | VV | 12246  | 546650 | 15.37% | 0.431% |
| 289 | 19.071 | 19.064 | 19.082 | VV | 10690  | 115551 | 3.25%  | 0.091% |
| 290 | 19.094 | 19.082 | 19.137 | VV | 10744  | 338110 | 9.51%  | 0.267% |
| 291 | 19.159 | 19.137 | 19.170 | VV | 10156  | 198962 | 5.60%  | 0.157% |
| 292 | 19.181 | 19.170 | 19.192 | VV | 10201  | 127960 | 3.60%  | 0.101% |
| 293 | 19.286 | 19.192 | 19.309 | VV | 13327  | 821480 | 23.10% | 0.648% |
| 294 | 19.325 | 19.309 | 19.336 | VV | 13929  | 223851 | 6.29%  | 0.176% |
| 295 | 19.387 | 19.336 | 19.399 | VV | 15800  | 551698 | 15.51% | 0.435% |
| 296 | 19.425 | 19.399 | 19.447 | VV | 18285  | 482668 | 13.57% | 0.381% |
| 297 | 19.459 | 19.447 | 19.482 | VV | 15460  | 317234 | 8.92%  | 0.250% |
| 298 | 19.499 | 19.482 | 19.525 | VV | 15442  | 378407 | 10.64% | 0.298% |
| 299 | 19.538 | 19.525 | 19.567 | VV | 14052  | 344596 | 9.69%  | 0.272% |

|     |        |        |        |     |                         |         |           |        |
|-----|--------|--------|--------|-----|-------------------------|---------|-----------|--------|
|     |        |        |        |     | rteres                  |         |           |        |
| 300 | 19.592 | 19.567 | 19.609 | VV  | 14773                   | 355357  | 9.99%     | 0.280% |
| 301 | 19.660 | 19.609 | 19.670 | VV  | 18661                   | 623383  | 17.53%    | 0.492% |
| 302 | 19.692 | 19.670 | 19.701 | VV  | 20862                   | 356197  | 10.02%    | 0.281% |
| 303 | 19.716 | 19.701 | 19.725 | VV  | 21508                   | 302160  | 8.50%     | 0.238% |
| 304 | 19.747 | 19.725 | 19.773 | VV  | 23154                   | 637095  | 17.92%    | 0.502% |
| 305 | 19.787 | 19.773 | 19.893 | VV  | 22761                   | 1375477 | 38.68%    | 1.085% |
| 306 | 20.066 | 19.893 | 20.095 | VV  | 25060                   | 2465026 | 69.32%    | 1.944% |
| 307 | 20.108 | 20.095 | 20.134 | VV  | 23416                   | 523200  | 14.71%    | 0.413% |
| 308 | 20.156 | 20.134 | 20.200 | VV  | 24408                   | 916353  | 25.77%    | 0.723% |
| 309 | 20.283 | 20.200 | 20.290 | VV  | 27917                   | 1353264 | 38.06%    | 1.067% |
| 310 | 20.319 | 20.290 | 20.349 | VV  | 31820                   | 1068079 | 30.04%    | 0.842% |
| 311 | 20.357 | 20.349 | 20.457 | VV  | 31553                   | 1871941 | 52.64%    | 1.476% |
| 312 | 20.517 | 20.457 | 20.538 | VV  | 29978                   | 1364146 | 38.36%    | 1.076% |
| 313 | 20.613 | 20.538 | 20.643 | VV  | 32881                   | 1930439 | 54.29%    | 1.522% |
| 314 | 20.667 | 20.643 | 20.691 | VV  | 31631                   | 881102  | 24.78%    | 0.695% |
| 315 | 20.703 | 20.691 | 20.788 | VV  | 30027                   | 1510589 | 42.48%    | 1.191% |
| 316 | 20.849 | 20.788 | 20.869 | VV  | 26005                   | 1191196 | 33.50%    | 0.939% |
| 317 | 20.908 | 20.869 | 20.948 | VV  | 28244                   | 1277839 | 35.93%    | 1.008% |
| 318 | 20.956 | 20.948 | 20.967 | VV  | 26980                   | 316683  | 8.91%     | 0.250% |
| 319 | 20.980 | 20.967 | 21.001 | VV  | 27346                   | 535447  | 15.06%    | 0.422% |
| 320 | 21.040 | 21.001 | 21.109 | VV  | 27716                   | 1681195 | 47.28%    | 1.326% |
| 321 | 21.165 | 21.109 | 21.177 | VV  | 26169                   | 1017483 | 28.61%    | 0.802% |
| 322 | 21.232 | 21.177 | 21.240 | VV  | 29854                   | 1069222 | 30.07%    | 0.843% |
| 323 | 21.268 | 21.240 | 21.275 | VV  | 30397                   | 617949  | 17.38%    | 0.487% |
| 324 | 21.287 | 21.275 | 21.299 | VV  | 30963                   | 443830  | 12.48%    | 0.350% |
| 325 | 21.314 | 21.299 | 21.369 | VV  | 31163                   | 1274858 | 35.85%    | 1.005% |
| 326 | 21.386 | 21.369 | 21.464 | VV  | 30266                   | 1596914 | 44.91%    | 1.259% |
| 327 | 21.476 | 21.464 | 21.485 | VV  | 26031                   | 333735  | 9.38%     | 0.263% |
| 328 | 21.537 | 21.485 | 21.545 | VV  | 28036                   | 966445  | 27.18%    | 0.762% |
| 329 | 21.558 | 21.545 | 21.587 | VV  | 28284                   | 695016  | 19.54%    | 0.548% |
| 330 | 21.595 | 21.587 | 21.620 | VV  | 27670                   | 541984  | 15.24%    | 0.427% |
| 331 | 21.647 | 21.620 | 21.750 | VV  | 27216                   | 2047907 | 57.59%    | 1.615% |
| 332 | 21.783 | 21.750 | 21.859 | VV  | 25692                   | 1575597 | 44.31%    | 1.242% |
| 333 | 21.967 | 21.859 | 21.994 | VV  | 24718                   | 1874876 | 52.72%    | 1.478% |
| 334 | 22.046 | 21.994 | 22.060 | VBA | 25958                   | 1029983 | 28.96%    | 0.812% |
|     |        |        |        |     | Sum of corrected areas: |         | 126828257 |        |

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