

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121420AL\  
 Data File : FC051282.D  
 Signal(s) : FID1A.CH  
 Acq On : 14 Dec 2020 13:50  
 Sample : L5048-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 112720.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         | 3.336       | 3.302        | 3.387      | BV       | 176            | 2496         | 0.02%          | 0.001%        |
| 2         | 3.427       | 3.421        | 3.452      | VV       | 107            | 1348         | 0.01%          | 0.000%        |
| 3         | 3.460       | 3.452        | 3.515      | VV       | 175            | 4274         | 0.03%          | 0.001%        |
| 4         | 3.535       | 3.515        | 3.565      | VV       | 201            | 2674         | 0.02%          | 0.001%        |
| 5         | 3.583       | 3.565        | 3.589      | VV       | 213            | 1540         | 0.01%          | 0.000%        |
| 6         | 3.599       | 3.589        | 3.641      | VV       | 191            | 4047         | 0.03%          | 0.001%        |
| 7         | 3.663       | 3.641        | 3.692      | VV       | 202            | 3338         | 0.03%          | 0.001%        |
| 8         | 3.708       | 3.692        | 3.731      | PV       | 266            | 4129         | 0.03%          | 0.001%        |
| 9         | 3.750       | 3.731        | 3.767      | VV       | 306            | 4138         | 0.03%          | 0.001%        |
| 10        | 3.778       | 3.767        | 3.800      | VV       | 250            | 3635         | 0.03%          | 0.001%        |
| 11        | 3.808       | 3.800        | 3.819      | VV       | 213            | 1475         | 0.01%          | 0.000%        |
| 12        | 3.834       | 3.819        | 3.861      | VV       | 251            | 5496         | 0.04%          | 0.002%        |
| 13        | 3.876       | 3.861        | 3.899      | VV       | 356            | 4729         | 0.04%          | 0.001%        |
| 14        | 3.917       | 3.899        | 3.968      | VV       | 626            | 11585        | 0.09%          | 0.003%        |
| 15        | 4.020       | 3.968        | 4.134      | VV       | 3864           | 141894       | 1.10%          | 0.043%        |
| 16        | 4.160       | 4.134        | 4.305      | VV       | 1960           | 104863       | 0.81%          | 0.032%        |
| 17        | 4.319       | 4.305        | 4.347      | VV       | 584            | 11739        | 0.09%          | 0.004%        |
| 18        | 4.359       | 4.347        | 4.389      | VV       | 488            | 11202        | 0.09%          | 0.003%        |
| 19        | 4.403       | 4.389        | 4.437      | VV       | 752            | 13709        | 0.11%          | 0.004%        |
| 20        | 4.451       | 4.437        | 4.468      | VV       | 564            | 8191         | 0.06%          | 0.002%        |
| 21        | 4.475       | 4.468        | 4.512      | VV       | 403            | 8608         | 0.07%          | 0.003%        |
| 22        | 4.526       | 4.512        | 4.542      | VV       | 505            | 7180         | 0.06%          | 0.002%        |
| 23        | 4.557       | 4.542        | 4.587      | VV       | 831            | 12852        | 0.10%          | 0.004%        |
| 24        | 4.627       | 4.587        | 4.764      | VV       | 4969           | 132626       | 1.03%          | 0.040%        |
| 25        | 4.783       | 4.764        | 4.799      | VV       | 548            | 9614         | 0.07%          | 0.003%        |
| 26        | 4.811       | 4.799        | 4.846      | VV       | 569            | 10989        | 0.09%          | 0.003%        |
| 27        | 4.862       | 4.846        | 4.916      | VV       | 655            | 16697        | 0.13%          | 0.005%        |
| 28        | 4.929       | 4.916        | 4.938      | VV       | 301            | 2804         | 0.02%          | 0.001%        |
| 29        | 4.950       | 4.938        | 4.986      | VV       | 306            | 4943         | 0.04%          | 0.001%        |
| 30        | 5.008       | 4.986        | 5.024      | VV       | 354            | 5153         | 0.04%          | 0.002%        |
| 31        | 5.049       | 5.024        | 5.076      | VV       | 371            | 8636         | 0.07%          | 0.003%        |
| 32        | 5.099       | 5.076        | 5.116      | VV       | 467            | 8018         | 0.06%          | 0.002%        |
| 33        | 5.126       | 5.116        | 5.166      | VV       | 467            | 10376        | 0.08%          | 0.003%        |
| 34        | 5.173       | 5.166        | 5.196      | VV       | 272            | 3606         | 0.03%          | 0.001%        |
| 35        | 5.216       | 5.196        | 5.259      | VV       | 747            | 16450        | 0.13%          | 0.005%        |
| 36        | 5.278       | 5.259        | 5.309      | VV       | 441            | 10111        | 0.08%          | 0.003%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.330 | 5.309 | 5.377 | VV | 523    | 11356  | 0.09% | 0.003% |
| 38 | 5.396 | 5.377 | 5.421 | VV | 306    | 4654   | 0.04% | 0.001% |
| 39 | 5.445 | 5.421 | 5.471 | VV | 1322   | 19267  | 0.15% | 0.006% |
| 40 | 5.480 | 5.471 | 5.494 | VV | 728    | 7823   | 0.06% | 0.002% |
|    |       |       |       |    |        |        |       |        |
| 41 | 5.509 | 5.494 | 5.546 | VV | 635    | 11578  | 0.09% | 0.003% |
| 42 | 5.564 | 5.546 | 5.581 | VV | 238    | 3354   | 0.03% | 0.001% |
| 43 | 5.630 | 5.581 | 5.671 | VV | 429    | 9668   | 0.07% | 0.003% |
| 44 | 5.726 | 5.671 | 5.739 | PV | 1540   | 28646  | 0.22% | 0.009% |
| 45 | 5.752 | 5.739 | 5.767 | VV | 1717   | 24109  | 0.19% | 0.007% |
|    |       |       |       |    |        |        |       |        |
| 46 | 5.778 | 5.767 | 5.881 | VV | 1431   | 35000  | 0.27% | 0.011% |
| 47 | 5.900 | 5.881 | 5.929 | PV | 303    | 5437   | 0.04% | 0.002% |
| 48 | 5.940 | 5.929 | 5.947 | VV | 270    | 2195   | 0.02% | 0.001% |
| 49 | 6.004 | 5.947 | 6.072 | VV | 8376   | 159706 | 1.24% | 0.048% |
| 50 | 6.083 | 6.072 | 6.112 | VV | 1160   | 21371  | 0.17% | 0.006% |
|    |       |       |       |    |        |        |       |        |
| 51 | 6.136 | 6.112 | 6.159 | VV | 1109   | 22281  | 0.17% | 0.007% |
| 52 | 6.169 | 6.159 | 6.196 | VV | 573    | 9321   | 0.07% | 0.003% |
| 53 | 6.225 | 6.196 | 6.257 | VV | 775    | 19686  | 0.15% | 0.006% |
| 54 | 6.264 | 6.257 | 6.280 | VV | 432    | 5154   | 0.04% | 0.002% |
| 55 | 6.314 | 6.280 | 6.332 | VV | 411    | 10444  | 0.08% | 0.003% |
|    |       |       |       |    |        |        |       |        |
| 56 | 6.350 | 6.332 | 6.369 | VV | 391    | 7169   | 0.06% | 0.002% |
| 57 | 6.382 | 6.369 | 6.405 | VV | 462    | 9072   | 0.07% | 0.003% |
| 58 | 6.425 | 6.405 | 6.482 | VV | 1362   | 22851  | 0.18% | 0.007% |
| 59 | 6.499 | 6.482 | 6.528 | VV | 372    | 6816   | 0.05% | 0.002% |
| 60 | 6.572 | 6.528 | 6.596 | VV | 1019   | 18646  | 0.14% | 0.006% |
|    |       |       |       |    |        |        |       |        |
| 61 | 6.614 | 6.596 | 6.664 | VV | 489    | 10300  | 0.08% | 0.003% |
| 62 | 6.706 | 6.664 | 6.726 | PV | 742    | 10732  | 0.08% | 0.003% |
| 63 | 6.752 | 6.726 | 6.797 | VV | 839    | 24919  | 0.19% | 0.008% |
| 64 | 6.830 | 6.797 | 6.849 | VV | 1307   | 25113  | 0.19% | 0.008% |
| 65 | 6.866 | 6.849 | 6.906 | VV | 676    | 15269  | 0.12% | 0.005% |
|    |       |       |       |    |        |        |       |        |
| 66 | 6.925 | 6.906 | 6.936 | VV | 533    | 7217   | 0.06% | 0.002% |
| 67 | 6.964 | 6.936 | 6.976 | VV | 1252   | 21392  | 0.17% | 0.006% |
| 68 | 6.986 | 6.976 | 7.006 | VV | 1213   | 18078  | 0.14% | 0.005% |
| 69 | 7.059 | 7.006 | 7.111 | VV | 16274  | 266894 | 2.07% | 0.081% |
| 70 | 7.126 | 7.111 | 7.167 | VV | 2192   | 56507  | 0.44% | 0.017% |
|    |       |       |       |    |        |        |       |        |
| 71 | 7.191 | 7.167 | 7.308 | VV | 23392  | 333268 | 2.58% | 0.101% |
| 72 | 7.316 | 7.308 | 7.327 | VV | 587    | 6734   | 0.05% | 0.002% |
| 73 | 7.348 | 7.327 | 7.386 | VV | 2196   | 31767  | 0.25% | 0.010% |
| 74 | 7.413 | 7.386 | 7.427 | VV | 534    | 10233  | 0.08% | 0.003% |
| 75 | 7.436 | 7.427 | 7.462 | VV | 438    | 6219   | 0.05% | 0.002% |
|    |       |       |       |    |        |        |       |        |
| 76 | 7.480 | 7.462 | 7.497 | VV | 204    | 2827   | 0.02% | 0.001% |
| 77 | 7.526 | 7.497 | 7.549 | VV | 757    | 10913  | 0.08% | 0.003% |
| 78 | 7.579 | 7.549 | 7.601 | VV | 446    | 6362   | 0.05% | 0.002% |
| 79 | 7.785 | 7.764 | 7.860 | VV | 5873   | 167622 | 1.30% | 0.051% |
| 80 | 7.883 | 7.860 | 7.900 | VV | 1451   | 29967  | 0.23% | 0.009% |
|    |       |       |       |    |        |        |       |        |
| 81 | 7.944 | 7.900 | 7.995 | VV | 5517   | 153597 | 1.19% | 0.046% |
| 82 | 8.009 | 7.995 | 8.019 | VV | 1983   | 25450  | 0.20% | 0.008% |
| 83 | 8.049 | 8.019 | 8.102 | VV | 9595   | 255880 | 1.98% | 0.077% |
| 84 | 8.153 | 8.102 | 8.169 | VV | 26290  | 326694 | 2.53% | 0.099% |
| 85 | 8.182 | 8.169 | 8.203 | VV | 15358  | 196228 | 1.52% | 0.059% |
|    |       |       |       |    |        |        |       |        |
| 86 | 8.218 | 8.203 | 8.259 | VV | 7488   | 129609 | 1.00% | 0.039% |
| 87 | 8.339 | 8.259 | 8.409 | VV | 28229  | 620478 | 4.81% | 0.187% |
| 88 | 8.429 | 8.409 | 8.459 | VV | 6172   | 81508  | 0.63% | 0.025% |
| 89 | 8.472 | 8.459 | 8.514 | VV | 1394   | 21014  | 0.16% | 0.006% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 90     | 8.633  | 8.611  | 8.665  | VV | 112628 | 1261399 | 9.78%  | 0.381% |
| 91     | 8.679  | 8.665  | 8.732  | VV | 7980   | 192553  | 1.49%  | 0.058% |
| 92     | 8.752  | 8.732  | 8.782  | VV | 4872   | 94564   | 0.73%  | 0.029% |
| 93     | 8.798  | 8.782  | 8.808  | VV | 2007   | 28050   | 0.22%  | 0.008% |
| 94     | 8.821  | 8.808  | 8.839  | VV | 2185   | 35024   | 0.27%  | 0.011% |
| 95     | 8.873  | 8.839  | 8.890  | VV | 14608  | 194860  | 1.51%  | 0.059% |
| 96     | 8.910  | 8.890  | 8.972  | VV | 43162  | 667903  | 5.18%  | 0.202% |
| 97     | 8.994  | 8.972  | 9.020  | VV | 4180   | 100916  | 0.78%  | 0.030% |
| 98     | 9.042  | 9.020  | 9.064  | VV | 11299  | 152890  | 1.18%  | 0.046% |
| 99     | 9.084  | 9.064  | 9.133  | VV | 10719  | 173183  | 1.34%  | 0.052% |
| 100    | 9.150  | 9.133  | 9.171  | VV | 1804   | 32074   | 0.25%  | 0.010% |
| 101    | 9.198  | 9.171  | 9.216  | VV | 11424  | 144471  | 1.12%  | 0.044% |
| 102    | 9.232  | 9.216  | 9.266  | VV | 8282   | 111560  | 0.86%  | 0.034% |
| 103    | 9.286  | 9.266  | 9.304  | VV | 4410   | 63123   | 0.49%  | 0.019% |
| 104    | 9.335  | 9.304  | 9.360  | VV | 9488   | 158157  | 1.23%  | 0.048% |
| 105    | 9.380  | 9.360  | 9.394  | VV | 4135   | 55632   | 0.43%  | 0.017% |
| 106    | 9.420  | 9.394  | 9.476  | VV | 108558 | 1434913 | 11.12% | 0.433% |
| 107    | 9.496  | 9.476  | 9.524  | VV | 11853  | 201599  | 1.56%  | 0.061% |
| 108    | 9.540  | 9.524  | 9.550  | VV | 9818   | 112218  | 0.87%  | 0.034% |
| 109    | 9.570  | 9.550  | 9.611  | VV | 23838  | 441118  | 3.42%  | 0.133% |
| 110    | 9.630  | 9.611  | 9.669  | VV | 13167  | 233389  | 1.81%  | 0.070% |
| 111    | 9.686  | 9.669  | 9.719  | VV | 4678   | 96862   | 0.75%  | 0.029% |
| 112    | 9.742  | 9.719  | 9.779  | VV | 21682  | 327783  | 2.54%  | 0.099% |
| 113    | 9.792  | 9.779  | 9.804  | VV | 4666   | 58658   | 0.45%  | 0.018% |
| 114    | 9.844  | 9.804  | 9.890  | VV | 24425  | 511791  | 3.97%  | 0.155% |
| 115    | 9.904  | 9.890  | 9.922  | VV | 6136   | 91901   | 0.71%  | 0.028% |
| 116    | 9.934  | 9.922  | 9.962  | VV | 4027   | 65912   | 0.51%  | 0.020% |
| 117    | 10.004 | 9.962  | 10.072 | VV | 3184   | 92496   | 0.72%  | 0.028% |
| 118    | 10.112 | 10.072 | 10.142 | PV | 1737   | 35340   | 0.27%  | 0.011% |
| 119    | 10.161 | 10.142 | 10.196 | VV | 4565   | 91374   | 0.71%  | 0.028% |
| 120    | 10.212 | 10.196 | 10.249 | VV | 3315   | 62035   | 0.48%  | 0.019% |
| 121    | 10.270 | 10.249 | 10.280 | VV | 6940   | 87541   | 0.68%  | 0.026% |
| 122    | 10.303 | 10.280 | 10.325 | VV | 23852  | 354389  | 2.75%  | 0.107% |
| 123    | 10.344 | 10.325 | 10.381 | VV | 15929  | 238505  | 1.85%  | 0.072% |
| 124    | 10.418 | 10.381 | 10.462 | VV | 19230  | 391054  | 3.03%  | 0.118% |
| 125    | 10.487 | 10.462 | 10.529 | VV | 9402   | 242183  | 1.88%  | 0.073% |
| 126    | 10.557 | 10.529 | 10.570 | VV | 9263   | 135642  | 1.05%  | 0.041% |
| 127    | 10.588 | 10.570 | 10.602 | VV | 16651  | 209725  | 1.63%  | 0.063% |
| 128    | 10.627 | 10.602 | 10.666 | VV | 43587  | 761403  | 5.90%  | 0.230% |
| 129    | 10.696 | 10.666 | 10.707 | VV | 5044   | 97343   | 0.75%  | 0.029% |
| 130    | 10.725 | 10.707 | 10.744 | VV | 11540  | 149294  | 1.16%  | 0.045% |
| 131    | 10.758 | 10.744 | 10.777 | VV | 4372   | 66482   | 0.52%  | 0.020% |
| 132    | 10.832 | 10.777 | 10.879 | VV | 747488 | 8645833 | 67.01% | 2.611% |
| 133    | 10.903 | 10.879 | 10.977 | VV | 244740 | 3077459 | 23.85% | 0.929% |
| 134    | 10.986 | 10.977 | 11.027 | VV | 5610   | 124996  | 0.97%  | 0.038% |
| 135    | 11.035 | 11.027 | 11.061 | VV | 2553   | 35901   | 0.28%  | 0.011% |
| 136    | 11.090 | 11.061 | 11.102 | VV | 4046   | 61256   | 0.47%  | 0.018% |
| 137    | 11.122 | 11.102 | 11.158 | VV | 41334  | 598873  | 4.64%  | 0.181% |
| 138    | 11.170 | 11.158 | 11.177 | VV | 5307   | 55566   | 0.43%  | 0.017% |
| 139    | 11.187 | 11.177 | 11.203 | VV | 5627   | 68392   | 0.53%  | 0.021% |
| 140    | 11.222 | 11.203 | 11.239 | VV | 6833   | 105386  | 0.82%  | 0.032% |
| 141    | 11.257 | 11.239 | 11.281 | VV | 9145   | 132257  | 1.03%  | 0.040% |

| rteres |        |        |        |    |         |          |         |        |
|--------|--------|--------|--------|----|---------|----------|---------|--------|
| 142    | 11.316 | 11.281 | 11.323 | VV | 6614    | 97076    | 0.75%   | 0.029% |
| 143    | 11.353 | 11.323 | 11.392 | VV | 31722   | 517163   | 4.01%   | 0.156% |
| 144    | 11.420 | 11.392 | 11.441 | VV | 13808   | 198309   | 1.54%   | 0.060% |
| 145    | 11.480 | 11.441 | 11.504 | VV | 15478   | 260304   | 2.02%   | 0.079% |
| 146    | 11.523 | 11.504 | 11.542 | VV | 4383    | 76725    | 0.59%   | 0.023% |
| 147    | 11.586 | 11.542 | 11.609 | VV | 460683  | 5149353  | 39.91%  | 1.555% |
| 148    | 11.629 | 11.609 | 11.644 | VV | 84818   | 972395   | 7.54%   | 0.294% |
| 149    | 11.661 | 11.644 | 11.706 | VV | 102406  | 1289847  | 10.00%  | 0.390% |
| 150    | 11.744 | 11.706 | 11.763 | VV | 133504  | 2016447  | 15.63%  | 0.609% |
| 151    | 11.778 | 11.763 | 11.792 | VV | 56207   | 658350   | 5.10%   | 0.199% |
| 152    | 11.809 | 11.792 | 11.848 | VV | 78178   | 1004114  | 7.78%   | 0.303% |
| 153    | 11.865 | 11.848 | 11.879 | VV | 4113    | 49615    | 0.38%   | 0.015% |
| 154    | 11.903 | 11.879 | 11.947 | VV | 8124    | 210407   | 1.63%   | 0.064% |
| 155    | 11.962 | 11.947 | 11.984 | VV | 5345    | 69732    | 0.54%   | 0.021% |
| 156    | 12.009 | 11.984 | 12.072 | VV | 22253   | 486171   | 3.77%   | 0.147% |
| 157    | 12.098 | 12.072 | 12.144 | VV | 48939   | 734083   | 5.69%   | 0.222% |
| 158    | 12.165 | 12.144 | 12.175 | VV | 9279    | 131935   | 1.02%   | 0.040% |
| 159    | 12.188 | 12.175 | 12.212 | VV | 11026   | 146905   | 1.14%   | 0.044% |
| 160    | 12.243 | 12.212 | 12.262 | VV | 7981    | 137802   | 1.07%   | 0.042% |
| 161    | 12.280 | 12.262 | 12.290 | VV | 4607    | 57026    | 0.44%   | 0.017% |
| 162    | 12.304 | 12.290 | 12.319 | VV | 4850    | 70078    | 0.54%   | 0.021% |
| 163    | 12.349 | 12.319 | 12.361 | VV | 11998   | 187080   | 1.45%   | 0.056% |
| 164    | 12.373 | 12.361 | 12.399 | VV | 11412   | 179394   | 1.39%   | 0.054% |
| 165    | 12.420 | 12.399 | 12.461 | VV | 21849   | 406876   | 3.15%   | 0.123% |
| 166    | 12.498 | 12.461 | 12.513 | VV | 31993   | 447234   | 3.47%   | 0.135% |
| 167    | 12.531 | 12.513 | 12.551 | VV | 55887   | 742879   | 5.76%   | 0.224% |
| 168    | 12.570 | 12.551 | 12.588 | VV | 28902   | 480194   | 3.72%   | 0.145% |
| 169    | 12.598 | 12.588 | 12.622 | VV | 20214   | 316244   | 2.45%   | 0.096% |
| 170    | 12.663 | 12.622 | 12.704 | VV | 1032346 | 12902368 | 100.00% | 3.896% |
| 171    | 12.723 | 12.704 | 12.764 | VV | 10899   | 245450   | 1.90%   | 0.074% |
| 172    | 12.803 | 12.764 | 12.816 | VV | 20722   | 409582   | 3.17%   | 0.124% |
| 173    | 12.835 | 12.816 | 12.854 | VV | 48444   | 640895   | 4.97%   | 0.194% |
| 174    | 12.874 | 12.854 | 12.891 | VV | 19295   | 366457   | 2.84%   | 0.111% |
| 175    | 12.899 | 12.891 | 12.922 | VV | 14046   | 199303   | 1.54%   | 0.060% |
| 176    | 12.960 | 12.922 | 12.983 | VV | 833915  | 10267582 | 79.58%  | 3.101% |
| 177    | 13.020 | 12.983 | 13.087 | VV | 361959  | 6546212  | 50.74%  | 1.977% |
| 178    | 13.122 | 13.087 | 13.139 | VV | 29665   | 423012   | 3.28%   | 0.128% |
| 179    | 13.159 | 13.139 | 13.197 | VV | 27450   | 486138   | 3.77%   | 0.147% |
| 180    | 13.219 | 13.197 | 13.254 | VV | 44149   | 622542   | 4.83%   | 0.188% |
| 181    | 13.276 | 13.254 | 13.287 | VV | 14325   | 193324   | 1.50%   | 0.058% |
| 182    | 13.298 | 13.287 | 13.322 | VV | 13468   | 172133   | 1.33%   | 0.052% |
| 183    | 13.346 | 13.322 | 13.384 | VV | 26476   | 522457   | 4.05%   | 0.158% |
| 184    | 13.407 | 13.384 | 13.467 | VV | 56230   | 984028   | 7.63%   | 0.297% |
| 185    | 13.541 | 13.467 | 13.581 | PV | 165648  | 2687981  | 20.83%  | 0.812% |
| 186    | 13.600 | 13.581 | 13.620 | VV | 14745   | 216686   | 1.68%   | 0.065% |
| 187    | 13.647 | 13.620 | 13.669 | VV | 129095  | 1586655  | 12.30%  | 0.479% |
| 188    | 13.688 | 13.669 | 13.708 | VV | 70662   | 937062   | 7.26%   | 0.283% |
| 189    | 13.720 | 13.708 | 13.746 | VV | 31054   | 419231   | 3.25%   | 0.127% |
| 190    | 13.814 | 13.746 | 13.838 | VV | 59465   | 1507163  | 11.68%  | 0.455% |
| 191    | 13.857 | 13.838 | 13.899 | VV | 50681   | 782540   | 6.07%   | 0.236% |
| 192    | 13.939 | 13.899 | 13.956 | VV | 10311   | 259456   | 2.01%   | 0.078% |
| 193    | 13.971 | 13.956 | 13.992 | VV | 9016    | 166560   | 1.29%   | 0.050% |
| 194    | 14.009 | 13.992 | 14.026 | VV | 7390    | 113937   | 0.88%   | 0.034% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 14.041 | 14.026 | 14.056 | VV | 5072   | 67818   | 0.53%  | 0.020% |
| 196 | 14.067 | 14.056 | 14.087 | VV | 3822   | 48439   | 0.38%  | 0.015% |
| 197 | 14.122 | 14.087 | 14.149 | VV | 8950   | 166199  | 1.29%  | 0.050% |
| 198 | 14.175 | 14.149 | 14.191 | PV | 1667   | 25110   | 0.19%  | 0.008% |
| 199 | 14.245 | 14.191 | 14.263 | VV | 25948  | 623639  | 4.83%  | 0.188% |
| 200 | 14.284 | 14.263 | 14.309 | VV | 30707  | 540171  | 4.19%  | 0.163% |
| 201 | 14.345 | 14.309 | 14.362 | VV | 17549  | 415984  | 3.22%  | 0.126% |
| 202 | 14.378 | 14.362 | 14.427 | VV | 21129  | 461778  | 3.58%  | 0.139% |
| 203 | 14.456 | 14.427 | 14.489 | VV | 72860  | 1175151 | 9.11%  | 0.355% |
| 204 | 14.516 | 14.489 | 14.545 | VV | 98258  | 1786123 | 13.84% | 0.539% |
| 205 | 14.565 | 14.545 | 14.577 | VV | 40421  | 580138  | 4.50%  | 0.175% |
| 206 | 14.592 | 14.577 | 14.622 | VV | 39040  | 662077  | 5.13%  | 0.200% |
| 207 | 14.636 | 14.622 | 14.649 | VV | 10945  | 145190  | 1.13%  | 0.044% |
| 208 | 14.705 | 14.649 | 14.769 | VV | 31290  | 887750  | 6.88%  | 0.268% |
| 209 | 14.792 | 14.769 | 14.806 | VV | 30513  | 391968  | 3.04%  | 0.118% |
| 210 | 14.837 | 14.806 | 14.857 | VV | 461022 | 6136532 | 47.56% | 1.853% |
| 211 | 14.880 | 14.857 | 14.941 | VV | 442371 | 5727325 | 44.39% | 1.730% |
| 212 | 14.949 | 14.941 | 14.961 | VV | 8131   | 91407   | 0.71%  | 0.028% |
| 213 | 14.997 | 14.961 | 15.052 | VV | 113088 | 2159600 | 16.74% | 0.652% |
| 214 | 15.082 | 15.052 | 15.114 | VV | 32919  | 625555  | 4.85%  | 0.189% |
| 215 | 15.140 | 15.114 | 15.160 | VV | 44366  | 673801  | 5.22%  | 0.203% |
| 216 | 15.178 | 15.160 | 15.204 | VV | 39294  | 657206  | 5.09%  | 0.198% |
| 217 | 15.223 | 15.204 | 15.238 | VV | 17164  | 295959  | 2.29%  | 0.089% |
| 218 | 15.268 | 15.238 | 15.356 | VV | 32610  | 1246657 | 9.66%  | 0.376% |
| 219 | 15.390 | 15.356 | 15.431 | VV | 14181  | 439180  | 3.40%  | 0.133% |
| 220 | 15.461 | 15.431 | 15.481 | VV | 32219  | 590239  | 4.57%  | 0.178% |
| 221 | 15.505 | 15.481 | 15.526 | VV | 94995  | 1334792 | 10.35% | 0.403% |
| 222 | 15.544 | 15.526 | 15.575 | VV | 43711  | 795286  | 6.16%  | 0.240% |
| 223 | 15.595 | 15.575 | 15.626 | VV | 38390  | 710266  | 5.50%  | 0.214% |
| 224 | 15.652 | 15.626 | 15.712 | VV | 63729  | 1951169 | 15.12% | 0.589% |
| 225 | 15.737 | 15.712 | 15.764 | VV | 36517  | 653395  | 5.06%  | 0.197% |
| 226 | 15.782 | 15.764 | 15.804 | VV | 12427  | 235132  | 1.82%  | 0.071% |
| 227 | 15.826 | 15.804 | 15.871 | VV | 21123  | 446667  | 3.46%  | 0.135% |
| 228 | 15.897 | 15.871 | 15.991 | VV | 32818  | 1110141 | 8.60%  | 0.335% |
| 229 | 16.006 | 15.991 | 16.022 | VV | 9245   | 146376  | 1.13%  | 0.044% |
| 230 | 16.044 | 16.022 | 16.059 | VV | 9525   | 179644  | 1.39%  | 0.054% |
| 231 | 16.065 | 16.059 | 16.074 | VV | 9251   | 79337   | 0.61%  | 0.024% |
| 232 | 16.100 | 16.074 | 16.127 | VV | 17866  | 387292  | 3.00%  | 0.117% |
| 233 | 16.148 | 16.127 | 16.165 | VV | 20018  | 319987  | 2.48%  | 0.097% |
| 234 | 16.190 | 16.165 | 16.227 | VV | 35137  | 773859  | 6.00%  | 0.234% |
| 235 | 16.269 | 16.227 | 16.286 | VV | 19676  | 509356  | 3.95%  | 0.154% |
| 236 | 16.309 | 16.286 | 16.337 | VV | 35790  | 698630  | 5.41%  | 0.211% |
| 237 | 16.408 | 16.337 | 16.424 | VV | 462770 | 7716702 | 59.81% | 2.330% |
| 238 | 16.433 | 16.424 | 16.489 | VV | 226014 | 2759037 | 21.38% | 0.833% |
| 239 | 16.531 | 16.489 | 16.583 | VV | 108304 | 2187790 | 16.96% | 0.661% |
| 240 | 16.594 | 16.583 | 16.617 | VV | 18260  | 345586  | 2.68%  | 0.104% |
| 241 | 16.680 | 16.617 | 16.693 | VV | 45040  | 1298247 | 10.06% | 0.392% |
| 242 | 16.728 | 16.693 | 16.755 | VV | 288227 | 4534700 | 35.15% | 1.369% |
| 243 | 16.791 | 16.755 | 16.826 | VV | 408965 | 6001852 | 46.52% | 1.813% |
| 244 | 16.836 | 16.826 | 16.851 | VV | 25659  | 345089  | 2.67%  | 0.104% |
| 245 | 16.884 | 16.851 | 16.911 | VV | 134464 | 2324049 | 18.01% | 0.702% |
| 246 | 16.931 | 16.911 | 16.957 | VV | 32961  | 770096  | 5.97%  | 0.233% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 16.963 | 16.957 | 16.974 | VV | 24866  | 241971  | 1.88%  | 0.073% |
| 248    | 17.020 | 16.974 | 17.069 | VV | 42741  | 1751253 | 13.57% | 0.529% |
| 249    | 17.082 | 17.069 | 17.099 | VV | 26209  | 432054  | 3.35%  | 0.130% |
| 250    | 17.143 | 17.099 | 17.220 | VV | 64658  | 2906057 | 22.52% | 0.878% |
| 251    | 17.284 | 17.220 | 17.342 | VV | 44607  | 2342344 | 18.15% | 0.707% |
| 252    | 17.368 | 17.342 | 17.386 | VV | 38562  | 829315  | 6.43%  | 0.250% |
| 253    | 17.397 | 17.386 | 17.417 | VV | 33718  | 569464  | 4.41%  | 0.172% |
| 254    | 17.442 | 17.417 | 17.521 | VV | 55294  | 2093202 | 16.22% | 0.632% |
| 255    | 17.563 | 17.521 | 17.607 | VV | 33929  | 1379960 | 10.70% | 0.417% |
| 256    | 17.631 | 17.607 | 17.667 | VV | 25157  | 839832  | 6.51%  | 0.254% |
| 257    | 17.733 | 17.667 | 17.759 | VV | 41956  | 1733060 | 13.43% | 0.523% |
| 258    | 17.775 | 17.759 | 17.801 | VV | 38659  | 830197  | 6.43%  | 0.251% |
| 259    | 17.864 | 17.801 | 17.891 | VV | 55200  | 1979855 | 15.34% | 0.598% |
| 260    | 17.943 | 17.891 | 17.991 | VV | 54568  | 2690269 | 20.85% | 0.812% |
| 261    | 17.999 | 17.991 | 18.031 | VV | 39364  | 841815  | 6.52%  | 0.254% |
| 262    | 18.064 | 18.031 | 18.125 | VV | 108473 | 3282863 | 25.44% | 0.991% |
| 263    | 18.167 | 18.125 | 18.222 | VV | 258184 | 6232988 | 48.31% | 1.882% |
| 264    | 18.239 | 18.222 | 18.266 | VV | 66393  | 1460805 | 11.32% | 0.441% |
| 265    | 18.290 | 18.266 | 18.307 | VV | 98024  | 1755634 | 13.61% | 0.530% |
| 266    | 18.322 | 18.307 | 18.342 | VV | 82851  | 1511754 | 11.72% | 0.457% |
| 267    | 18.350 | 18.342 | 18.386 | VV | 61007  | 1317787 | 10.21% | 0.398% |
| 268    | 18.423 | 18.386 | 18.471 | VV | 235151 | 4861208 | 37.68% | 1.468% |
| 269    | 18.494 | 18.471 | 18.516 | VV | 64413  | 1556261 | 12.06% | 0.470% |
| 270    | 18.554 | 18.516 | 18.592 | VV | 113261 | 3213933 | 24.91% | 0.971% |
| 271    | 18.599 | 18.592 | 18.614 | VV | 45185  | 558840  | 4.33%  | 0.169% |
| 272    | 18.659 | 18.614 | 18.691 | VV | 51200  | 2066799 | 16.02% | 0.624% |
| 273    | 18.726 | 18.691 | 18.772 | VV | 51891  | 2272334 | 17.61% | 0.686% |
| 274    | 18.797 | 18.772 | 18.815 | VV | 48146  | 1162410 | 9.01%  | 0.351% |
| 275    | 18.847 | 18.815 | 18.889 | VV | 59519  | 2314387 | 17.94% | 0.699% |
| 276    | 18.901 | 18.889 | 18.909 | VV | 52309  | 588255  | 4.56%  | 0.178% |
| 277    | 18.930 | 18.909 | 18.957 | VV | 62827  | 1614669 | 12.51% | 0.488% |
| 278    | 18.996 | 18.957 | 19.011 | VV | 59040  | 1712140 | 13.27% | 0.517% |
| 279    | 19.024 | 19.011 | 19.072 | VV | 55413  | 1901629 | 14.74% | 0.574% |
| 280    | 19.101 | 19.072 | 19.127 | VV | 60341  | 1794232 | 13.91% | 0.542% |
| 281    | 19.161 | 19.127 | 19.184 | VV | 54741  | 1767323 | 13.70% | 0.534% |
| 282    | 19.213 | 19.184 | 19.221 | VV | 54421  | 1146538 | 8.89%  | 0.346% |
| 283    | 19.263 | 19.221 | 19.284 | VV | 59636  | 2143538 | 16.61% | 0.647% |
| 284    | 19.295 | 19.284 | 19.316 | VV | 58531  | 1090007 | 8.45%  | 0.329% |
| 285    | 19.343 | 19.316 | 19.367 | VV | 61613  | 1776885 | 13.77% | 0.537% |
| 286    | 19.374 | 19.367 | 19.392 | VV | 58887  | 861127  | 6.67%  | 0.260% |
| 287    | 19.421 | 19.392 | 19.442 | VV | 61323  | 1791813 | 13.89% | 0.541% |
| 288    | 19.497 | 19.442 | 19.506 | VV | 64692  | 2346367 | 18.19% | 0.709% |
| 289    | 19.575 | 19.506 | 19.614 | VV | 117480 | 5235486 | 40.58% | 1.581% |
| 290    | 19.643 | 19.614 | 19.682 | VV | 121716 | 3806327 | 29.50% | 1.149% |
| 291    | 19.704 | 19.682 | 19.727 | VV | 89904  | 2249380 | 17.43% | 0.679% |
| 292    | 19.738 | 19.727 | 19.813 | VV | 82657  | 3835519 | 29.73% | 1.158% |
| 293    | 19.861 | 19.813 | 19.886 | VV | 79990  | 3144468 | 24.37% | 0.950% |
| 294    | 19.894 | 19.886 | 19.912 | VV | 72838  | 1125754 | 8.73%  | 0.340% |
| 295    | 19.958 | 19.912 | 19.997 | VV | 122221 | 4698601 | 36.42% | 1.419% |
| 296    | 20.027 | 19.997 | 20.051 | VV | 98110  | 2870512 | 22.25% | 0.867% |
| 297    | 20.059 | 20.051 | 20.078 | VV | 90584  | 1423172 | 11.03% | 0.430% |
| 298    | 20.098 | 20.078 | 20.167 | VV | 90795  | 4606368 | 35.70% | 1.391% |
| 299    | 20.210 | 20.167 | 20.221 | VV | 85949  | 2668446 | 20.68% | 0.806% |

|     |        |        |        |     |                         |         |           |        |
|-----|--------|--------|--------|-----|-------------------------|---------|-----------|--------|
|     |        |        |        |     |                         | rteres  |           |        |
| 300 | 20.281 | 20.221 | 20.317 | VV  | 92928                   | 5147463 | 39.90%    | 1.555% |
| 301 | 20.333 | 20.317 | 20.361 | VV  | 89182                   | 2234813 | 17.32%    | 0.675% |
| 302 | 20.379 | 20.361 | 20.402 | VV  | 85868                   | 2085365 | 16.16%    | 0.630% |
| 303 | 20.429 | 20.402 | 20.449 | VV  | 82359                   | 2276075 | 17.64%    | 0.687% |
| 304 | 20.464 | 20.449 | 20.480 | VV  | 80050                   | 1458380 | 11.30%    | 0.440% |
| 305 | 20.489 | 20.480 | 20.498 | VV  | 81183                   | 852740  | 6.61%     | 0.258% |
| 306 | 20.543 | 20.498 | 20.556 | VV  | 84972                   | 2828226 | 21.92%    | 0.854% |
| 307 | 20.562 | 20.556 | 20.594 | VV  | 85017                   | 1920399 | 14.88%    | 0.580% |
| 308 | 20.620 | 20.594 | 20.702 | VV  | 84089                   | 5150551 | 39.92%    | 1.555% |
| 309 | 20.713 | 20.702 | 20.739 | VV  | 74721                   | 1605847 | 12.45%    | 0.485% |
| 310 | 20.789 | 20.739 | 20.809 | VV  | 74103                   | 3034502 | 23.52%    | 0.916% |
| 311 | 20.819 | 20.809 | 20.860 | VV  | 75036                   | 2224498 | 17.24%    | 0.672% |
| 312 | 20.870 | 20.860 | 20.892 | VV  | 72780                   | 1399067 | 10.84%    | 0.423% |
| 313 | 20.903 | 20.892 | 20.919 | VV  | 71609                   | 1144663 | 8.87%     | 0.346% |
| 314 | 20.927 | 20.919 | 20.962 | VV  | 71227                   | 1788746 | 13.86%    | 0.540% |
| 315 | 20.970 | 20.962 | 21.007 | VV  | 68929                   | 1830485 | 14.19%    | 0.553% |
| 316 | 21.017 | 21.007 | 21.047 | VV  | 67646                   | 1597061 | 12.38%    | 0.482% |
| 317 | 21.091 | 21.047 | 21.122 | VV  | 69003                   | 3017068 | 23.38%    | 0.911% |
| 318 | 21.150 | 21.122 | 21.162 | VV  | 69744                   | 1621118 | 12.56%    | 0.490% |
| 319 | 21.199 | 21.162 | 21.261 | VV  | 69219                   | 3920751 | 30.39%    | 1.184% |
| 320 | 21.267 | 21.261 | 21.281 | VV  | 61335                   | 726736  | 5.63%     | 0.219% |
| 321 | 21.290 | 21.281 | 21.311 | VV  | 60205                   | 1069258 | 8.29%     | 0.323% |
| 322 | 21.320 | 21.311 | 21.330 | VV  | 60898                   | 690275  | 5.35%     | 0.208% |
| 323 | 21.359 | 21.330 | 21.382 | VV  | 61585                   | 1896331 | 14.70%    | 0.573% |
| 324 | 21.416 | 21.382 | 21.434 | VV  | 65138                   | 1955000 | 15.15%    | 0.590% |
| 325 | 21.444 | 21.434 | 21.452 | VV  | 60994                   | 641796  | 4.97%     | 0.194% |
| 326 | 21.459 | 21.452 | 21.479 | VV  | 61380                   | 995718  | 7.72%     | 0.301% |
| 327 | 21.486 | 21.479 | 21.506 | VV  | 60881                   | 963552  | 7.47%     | 0.291% |
| 328 | 21.517 | 21.506 | 21.527 | VV  | 59937                   | 768038  | 5.95%     | 0.232% |
| 329 | 21.544 | 21.527 | 21.556 | VV  | 59754                   | 1003292 | 7.78%     | 0.303% |
| 330 | 21.589 | 21.556 | 21.659 | VV  | 59113                   | 3458353 | 26.80%    | 1.044% |
| 331 | 21.687 | 21.659 | 21.704 | VV  | 52701                   | 1383861 | 10.73%    | 0.418% |
| 332 | 21.733 | 21.704 | 21.777 | VV  | 54824                   | 2305790 | 17.87%    | 0.696% |
| 333 | 21.788 | 21.777 | 21.797 | VV  | 51152                   | 583475  | 4.52%     | 0.176% |
| 334 | 21.820 | 21.797 | 21.841 | VBA | 52394                   | 1407798 | 10.91%    | 0.425% |
|     |        |        |        |     | Sum of corrected areas: |         | 331129062 |        |

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