

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060421AL\  
 Data File : FC054005.D  
 Signal(s) : FID1A.CH  
 Acq On : 04 Jun 2021 21:49  
 Sample : M2580-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 052721.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         | 3.169       | 3.122        | 3.182      | BV       | 163            | 2217         | 0.03%          | 0.002%        |
| 2         | 3.204       | 3.182        | 3.239      | VV       | 231            | 5594         | 0.07%          | 0.004%        |
| 3         | 3.251       | 3.239        | 3.263      | VV       | 256            | 2328         | 0.03%          | 0.002%        |
| 4         | 3.282       | 3.263        | 3.295      | VV       | 244            | 2909         | 0.03%          | 0.002%        |
| 5         | 3.309       | 3.295        | 3.322      | VV       | 198            | 2434         | 0.03%          | 0.002%        |
| 6         | 3.341       | 3.322        | 3.384      | VV       | 305            | 6825         | 0.08%          | 0.005%        |
| 7         | 3.430       | 3.384        | 3.457      | PV       | 293            | 7055         | 0.08%          | 0.005%        |
| 8         | 3.473       | 3.457        | 3.498      | VV       | 384            | 5302         | 0.06%          | 0.004%        |
| 9         | 3.528       | 3.498        | 3.543      | VV       | 576            | 9016         | 0.11%          | 0.007%        |
| 10        | 3.559       | 3.543        | 3.591      | VV       | 631            | 15394        | 0.18%          | 0.012%        |
| 11        | 3.609       | 3.591        | 3.630      | VV       | 585            | 12779        | 0.15%          | 0.010%        |
| 12        | 3.643       | 3.630        | 3.687      | VV       | 580            | 16113        | 0.19%          | 0.012%        |
| 13        | 3.700       | 3.687        | 3.730      | VV       | 428            | 8975         | 0.11%          | 0.007%        |
| 14        | 3.761       | 3.730        | 3.804      | VV       | 370            | 14270        | 0.17%          | 0.011%        |
| 15        | 3.821       | 3.804        | 3.858      | VV       | 605            | 12234        | 0.14%          | 0.009%        |
| 16        | 3.906       | 3.858        | 3.942      | VV       | 536            | 18491        | 0.22%          | 0.014%        |
| 17        | 3.953       | 3.942        | 3.967      | VV       | 331            | 4179         | 0.05%          | 0.003%        |
| 18        | 3.987       | 3.967        | 3.998      | VV       | 479            | 7163         | 0.08%          | 0.005%        |
| 19        | 4.020       | 3.998        | 4.042      | VV       | 664            | 12729        | 0.15%          | 0.010%        |
| 20        | 4.045       | 4.042        | 4.081      | VV       | 461            | 7362         | 0.09%          | 0.006%        |
| 21        | 4.113       | 4.081        | 4.122      | VV       | 360            | 6616         | 0.08%          | 0.005%        |
| 22        | 4.129       | 4.122        | 4.148      | VV       | 330            | 4097         | 0.05%          | 0.003%        |
| 23        | 4.161       | 4.148        | 4.196      | VV       | 257            | 5687         | 0.07%          | 0.004%        |
| 24        | 4.218       | 4.196        | 4.239      | VV       | 452            | 7212         | 0.09%          | 0.005%        |
| 25        | 4.292       | 4.239        | 4.305      | VV       | 345            | 10620        | 0.13%          | 0.008%        |
| 26        | 4.367       | 4.305        | 4.388      | VV       | 849            | 20373        | 0.24%          | 0.015%        |
| 27        | 4.394       | 4.388        | 4.407      | VV       | 437            | 4232         | 0.05%          | 0.003%        |
| 28        | 4.417       | 4.407        | 4.482      | VV       | 414            | 10402        | 0.12%          | 0.008%        |
| 29        | 4.504       | 4.482        | 4.527      | VV       | 619            | 9159         | 0.11%          | 0.007%        |
| 30        | 4.541       | 4.527        | 4.549      | VV       | 292            | 2896         | 0.03%          | 0.002%        |
| 31        | 4.565       | 4.549        | 4.579      | VV       | 433            | 5313         | 0.06%          | 0.004%        |
| 32        | 4.598       | 4.579        | 4.617      | VV       | 864            | 10865        | 0.13%          | 0.008%        |
| 33        | 4.651       | 4.617        | 4.738      | VV       | 424            | 22794        | 0.27%          | 0.017%        |
| 34        | 4.797       | 4.738        | 4.842      | VV       | 839            | 24296        | 0.29%          | 0.018%        |
| 35        | 4.902       | 4.842        | 4.922      | VV       | 578            | 15840        | 0.19%          | 0.012%        |
| 36        | 4.928       | 4.922        | 4.942      | VV       | 344            | 3434         | 0.04%          | 0.003%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 37 | 4.962 | 4.942 | 5.004 | VV | 434    | 8438  | 0.10% | 0.006% |
| 38 | 5.016 | 5.004 | 5.055 | VV | 225    | 4271  | 0.05% | 0.003% |
| 39 | 5.075 | 5.055 | 5.101 | VV | 563    | 8708  | 0.10% | 0.007% |
| 40 | 5.112 | 5.101 | 5.118 | VV | 285    | 2837  | 0.03% | 0.002% |
| 41 | 5.140 | 5.118 | 5.172 | VV | 478    | 9560  | 0.11% | 0.007% |
| 42 | 5.199 | 5.172 | 5.209 | PV | 315    | 3810  | 0.05% | 0.003% |
| 43 | 5.252 | 5.209 | 5.289 | VV | 638    | 14850 | 0.18% | 0.011% |
| 44 | 5.329 | 5.289 | 5.349 | VV | 2675   | 28473 | 0.34% | 0.022% |
| 45 | 5.362 | 5.349 | 5.382 | VV | 399    | 5300  | 0.06% | 0.004% |
| 46 | 5.396 | 5.382 | 5.404 | VV | 204    | 2248  | 0.03% | 0.002% |
| 47 | 5.425 | 5.404 | 5.462 | VV | 312    | 7007  | 0.08% | 0.005% |
| 48 | 5.495 | 5.462 | 5.514 | VV | 306    | 7218  | 0.09% | 0.005% |
| 49 | 5.526 | 5.514 | 5.536 | VV | 307    | 3004  | 0.04% | 0.002% |
| 50 | 5.561 | 5.536 | 5.581 | VV | 409    | 7157  | 0.08% | 0.005% |
| 51 | 5.601 | 5.581 | 5.632 | VV | 263    | 5842  | 0.07% | 0.004% |
| 52 | 5.638 | 5.632 | 5.727 | VV | 243    | 8963  | 0.11% | 0.007% |
| 53 | 5.752 | 5.727 | 5.771 | VV | 196    | 3137  | 0.04% | 0.002% |
| 54 | 5.796 | 5.771 | 5.854 | VV | 1542   | 29636 | 0.35% | 0.023% |
| 55 | 5.872 | 5.854 | 5.905 | VV | 697    | 13909 | 0.16% | 0.011% |
| 56 | 5.959 | 5.905 | 6.004 | VV | 692    | 23933 | 0.28% | 0.018% |
| 57 | 6.028 | 6.004 | 6.053 | VV | 538    | 12271 | 0.15% | 0.009% |
| 58 | 6.081 | 6.053 | 6.111 | VV | 871    | 21057 | 0.25% | 0.016% |
| 59 | 6.124 | 6.111 | 6.156 | VV | 704    | 15557 | 0.18% | 0.012% |
| 60 | 6.163 | 6.156 | 6.217 | VV | 548    | 15604 | 0.18% | 0.012% |
| 61 | 6.232 | 6.217 | 6.258 | VV | 619    | 10525 | 0.12% | 0.008% |
| 62 | 6.307 | 6.258 | 6.362 | VV | 517    | 20533 | 0.24% | 0.016% |
| 63 | 6.382 | 6.362 | 6.399 | VV | 327    | 5593  | 0.07% | 0.004% |
| 64 | 6.408 | 6.399 | 6.463 | VV | 359    | 6916  | 0.08% | 0.005% |
| 65 | 6.482 | 6.463 | 6.505 | VV | 176    | 3848  | 0.05% | 0.003% |
| 66 | 6.525 | 6.505 | 6.549 | VV | 209    | 4202  | 0.05% | 0.003% |
| 67 | 6.571 | 6.549 | 6.581 | VV | 232    | 3343  | 0.04% | 0.003% |
| 68 | 6.588 | 6.581 | 6.602 | VV | 189    | 1680  | 0.02% | 0.001% |
| 69 | 6.615 | 6.602 | 6.624 | VV | 330    | 2277  | 0.03% | 0.002% |
| 70 | 6.670 | 6.624 | 6.682 | VV | 354    | 8665  | 0.10% | 0.007% |
| 71 | 6.717 | 6.682 | 6.780 | VV | 852    | 22923 | 0.27% | 0.017% |
| 72 | 6.792 | 6.780 | 6.812 | VV | 252    | 3207  | 0.04% | 0.002% |
| 73 | 6.850 | 6.812 | 6.902 | VV | 650    | 17429 | 0.21% | 0.013% |
| 74 | 6.908 | 6.902 | 6.918 | VV | 431    | 3443  | 0.04% | 0.003% |
| 75 | 6.931 | 6.918 | 6.956 | VV | 352    | 4850  | 0.06% | 0.004% |
| 76 | 6.980 | 6.956 | 7.002 | VV | 449    | 5750  | 0.07% | 0.004% |
| 77 | 7.031 | 7.002 | 7.046 | VV | 577    | 8526  | 0.10% | 0.006% |
| 78 | 7.056 | 7.046 | 7.077 | VV | 220    | 3089  | 0.04% | 0.002% |
| 79 | 7.104 | 7.077 | 7.113 | VV | 210    | 2253  | 0.03% | 0.002% |
| 80 | 7.156 | 7.113 | 7.209 | VV | 629    | 12081 | 0.14% | 0.009% |
| 81 | 7.228 | 7.209 | 7.252 | PV | 159    | 2789  | 0.03% | 0.002% |
| 82 | 7.282 | 7.252 | 7.373 | VV | 283    | 11218 | 0.13% | 0.009% |
| 83 | 7.574 | 7.548 | 7.650 | VV | 1392   | 58983 | 0.70% | 0.045% |
| 84 | 7.662 | 7.650 | 7.697 | VV | 570    | 13556 | 0.16% | 0.010% |
| 85 | 7.726 | 7.697 | 7.736 | VV | 521    | 9868  | 0.12% | 0.007% |
| 86 | 7.753 | 7.736 | 7.768 | VV | 600    | 9043  | 0.11% | 0.007% |
| 87 | 7.778 | 7.768 | 7.792 | VV | 372    | 4636  | 0.05% | 0.004% |
| 88 | 7.815 | 7.792 | 7.826 | VV | 482    | 7043  | 0.08% | 0.005% |
| 89 | 7.843 | 7.826 | 7.893 | VV | 633    | 16637 | 0.20% | 0.013% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.931  | 7.893  | 7.962  | VV | 1081   | 33465  | 0.40% | 0.025% |
| 91  | 8.024  | 7.962  | 8.045  | VV | 2126   | 58299  | 0.69% | 0.044% |
| 92  | 8.091  | 8.045  | 8.155  | VV | 2503   | 103842 | 1.23% | 0.079% |
| 93  | 8.172  | 8.155  | 8.201  | VV | 912    | 16437  | 0.19% | 0.012% |
| 94  | 8.211  | 8.201  | 8.252  | VV | 463    | 7424   | 0.09% | 0.006% |
| 95  | 8.266  | 8.252  | 8.288  | PV | 145    | 2523   | 0.03% | 0.002% |
| 96  | 8.417  | 8.405  | 8.441  | VV | 2347   | 35656  | 0.42% | 0.027% |
| 97  | 8.468  | 8.441  | 8.485  | VV | 1698   | 35114  | 0.42% | 0.027% |
| 98  | 8.494  | 8.485  | 8.545  | VV | 1584   | 47683  | 0.56% | 0.036% |
| 99  | 8.556  | 8.545  | 8.585  | VV | 1176   | 22433  | 0.27% | 0.017% |
| 100 | 8.600  | 8.585  | 8.632  | VV | 775    | 16655  | 0.20% | 0.013% |
| 101 | 8.657  | 8.632  | 8.678  | VV | 701    | 15664  | 0.19% | 0.012% |
| 102 | 8.700  | 8.678  | 8.722  | VV | 935    | 18402  | 0.22% | 0.014% |
| 103 | 8.758  | 8.722  | 8.805  | VV | 1223   | 35942  | 0.42% | 0.027% |
| 104 | 8.844  | 8.805  | 8.862  | VV | 1194   | 23462  | 0.28% | 0.018% |
| 105 | 8.871  | 8.862  | 8.910  | VV | 603    | 11183  | 0.13% | 0.008% |
| 106 | 8.923  | 8.910  | 8.965  | VV | 240    | 3489   | 0.04% | 0.003% |
| 107 | 8.985  | 8.965  | 9.001  | VV | 245    | 3664   | 0.04% | 0.003% |
| 108 | 9.038  | 9.001  | 9.066  | VV | 266    | 6377   | 0.08% | 0.005% |
| 109 | 9.076  | 9.066  | 9.099  | VV | 165    | 2003   | 0.02% | 0.002% |
| 110 | 9.124  | 9.099  | 9.150  | VV | 437    | 8396   | 0.10% | 0.006% |
| 111 | 9.205  | 9.150  | 9.261  | VV | 1433   | 44710  | 0.53% | 0.034% |
| 112 | 9.283  | 9.261  | 9.322  | VV | 692    | 14836  | 0.18% | 0.011% |
| 113 | 9.351  | 9.322  | 9.368  | VV | 617    | 11180  | 0.13% | 0.008% |
| 114 | 9.377  | 9.368  | 9.391  | VV | 342    | 4024   | 0.05% | 0.003% |
| 115 | 9.408  | 9.391  | 9.442  | VV | 406    | 7061   | 0.08% | 0.005% |
| 116 | 9.449  | 9.442  | 9.462  | VV | 274    | 2523   | 0.03% | 0.002% |
| 117 | 9.474  | 9.462  | 9.490  | VV | 294    | 2901   | 0.03% | 0.002% |
| 118 | 9.555  | 9.490  | 9.591  | VV | 677    | 20746  | 0.25% | 0.016% |
| 119 | 9.622  | 9.591  | 9.675  | VV | 1502   | 29799  | 0.35% | 0.023% |
| 120 | 9.683  | 9.675  | 9.708  | VV | 333    | 5854   | 0.07% | 0.004% |
| 121 | 9.730  | 9.708  | 9.748  | VV | 468    | 5798   | 0.07% | 0.004% |
| 122 | 9.759  | 9.748  | 9.770  | VV | 343    | 2272   | 0.03% | 0.002% |
| 123 | 9.786  | 9.770  | 9.808  | PV | 278    | 3952   | 0.05% | 0.003% |
| 124 | 9.864  | 9.808  | 9.878  | VV | 188    | 5252   | 0.06% | 0.004% |
| 125 | 9.943  | 9.878  | 9.962  | VV | 297    | 7216   | 0.09% | 0.005% |
| 126 | 10.008 | 9.962  | 10.028 | VV | 479    | 10402  | 0.12% | 0.008% |
| 127 | 10.056 | 10.028 | 10.075 | VV | 745    | 14467  | 0.17% | 0.011% |
| 128 | 10.085 | 10.075 | 10.129 | VV | 707    | 14322  | 0.17% | 0.011% |
| 129 | 10.146 | 10.129 | 10.182 | VV | 493    | 8590   | 0.10% | 0.007% |
| 130 | 10.200 | 10.182 | 10.234 | VV | 529    | 7984   | 0.09% | 0.006% |
| 131 | 10.273 | 10.234 | 10.300 | VV | 551    | 15565  | 0.18% | 0.012% |
| 132 | 10.313 | 10.300 | 10.342 | VV | 696    | 10786  | 0.13% | 0.008% |
| 133 | 10.360 | 10.342 | 10.388 | VV | 1718   | 24872  | 0.29% | 0.019% |
| 134 | 10.430 | 10.388 | 10.465 | VV | 1299   | 34093  | 0.40% | 0.026% |
| 135 | 10.473 | 10.465 | 10.490 | VV | 415    | 5332   | 0.06% | 0.004% |
| 136 | 10.502 | 10.490 | 10.523 | VV | 376    | 4837   | 0.06% | 0.004% |
| 137 | 10.541 | 10.523 | 10.558 | PV | 308    | 3175   | 0.04% | 0.002% |
| 138 | 10.600 | 10.558 | 10.650 | VV | 15424  | 195313 | 2.31% | 0.148% |
| 139 | 10.678 | 10.650 | 10.741 | VV | 3170   | 53563  | 0.63% | 0.041% |
| 140 | 10.755 | 10.741 | 10.804 | VV | 623    | 13201  | 0.16% | 0.010% |
| 141 | 10.814 | 10.804 | 10.842 | VV | 280    | 2496   | 0.03% | 0.002% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.862 | 10.842 | 10.882 | VV | 138    | 2158    | 0.03%  | 0.002% |
| 143 | 10.912 | 10.882 | 10.938 | PV | 652    | 10580   | 0.13%  | 0.008% |
| 144 | 10.991 | 10.938 | 11.010 | VV | 597    | 13301   | 0.16%  | 0.010% |
| 145 | 11.031 | 11.010 | 11.042 | VV | 582    | 9376    | 0.11%  | 0.007% |
|     |        |        |        |    |        |         |        |        |
| 146 | 11.062 | 11.042 | 11.082 | VV | 1434   | 19908   | 0.24%  | 0.015% |
| 147 | 11.093 | 11.082 | 11.108 | VV | 423    | 5600    | 0.07%  | 0.004% |
| 148 | 11.136 | 11.108 | 11.170 | VV | 1073   | 20077   | 0.24%  | 0.015% |
| 149 | 11.208 | 11.170 | 11.227 | PV | 341    | 6372    | 0.08%  | 0.005% |
| 150 | 11.253 | 11.227 | 11.275 | VV | 565    | 8857    | 0.10%  | 0.007% |
|     |        |        |        |    |        |         |        |        |
| 151 | 11.299 | 11.275 | 11.318 | VV | 289    | 3584    | 0.04%  | 0.003% |
| 152 | 11.369 | 11.318 | 11.420 | PV | 346772 | 3789798 | 44.79% | 2.879% |
| 153 | 11.436 | 11.420 | 11.477 | VV | 2803   | 47289   | 0.56%  | 0.036% |
| 154 | 11.516 | 11.477 | 11.537 | VV | 3931   | 64829   | 0.77%  | 0.049% |
| 155 | 11.548 | 11.537 | 11.565 | VV | 1907   | 24465   | 0.29%  | 0.019% |
|     |        |        |        |    |        |         |        |        |
| 156 | 11.583 | 11.565 | 11.638 | VV | 1988   | 33430   | 0.40%  | 0.025% |
| 157 | 11.663 | 11.638 | 11.679 | PV | 811    | 9796    | 0.12%  | 0.007% |
| 158 | 11.730 | 11.679 | 11.752 | VV | 1643   | 34127   | 0.40%  | 0.026% |
| 159 | 11.782 | 11.752 | 11.804 | VV | 823    | 15482   | 0.18%  | 0.012% |
| 160 | 11.818 | 11.804 | 11.839 | VV | 506    | 6746    | 0.08%  | 0.005% |
|     |        |        |        |    |        |         |        |        |
| 161 | 11.876 | 11.839 | 11.908 | VV | 1426   | 21879   | 0.26%  | 0.017% |
| 162 | 11.934 | 11.908 | 11.954 | VV | 622    | 9422    | 0.11%  | 0.007% |
| 163 | 11.979 | 11.954 | 12.008 | VV | 1453   | 23896   | 0.28%  | 0.018% |
| 164 | 12.028 | 12.008 | 12.062 | VV | 676    | 14409   | 0.17%  | 0.011% |
| 165 | 12.119 | 12.062 | 12.163 | VV | 978    | 34649   | 0.41%  | 0.026% |
|     |        |        |        |    |        |         |        |        |
| 166 | 12.195 | 12.163 | 12.239 | VV | 894    | 22001   | 0.26%  | 0.017% |
| 167 | 12.298 | 12.239 | 12.328 | PV | 2099   | 55605   | 0.66%  | 0.042% |
| 168 | 12.335 | 12.328 | 12.348 | VV | 1098   | 10924   | 0.13%  | 0.008% |
| 169 | 12.370 | 12.348 | 12.390 | VV | 2494   | 40250   | 0.48%  | 0.031% |
| 170 | 12.415 | 12.390 | 12.452 | VV | 28434  | 349322  | 4.13%  | 0.265% |
|     |        |        |        |    |        |         |        |        |
| 171 | 12.479 | 12.452 | 12.532 | VV | 1185   | 39206   | 0.46%  | 0.030% |
| 172 | 12.602 | 12.532 | 12.628 | PV | 1486   | 41080   | 0.49%  | 0.031% |
| 173 | 12.648 | 12.628 | 12.680 | VV | 1133   | 21404   | 0.25%  | 0.016% |
| 174 | 12.711 | 12.680 | 12.742 | PV | 23523  | 285669  | 3.38%  | 0.217% |
| 175 | 12.770 | 12.742 | 12.783 | VV | 3163   | 48025   | 0.57%  | 0.036% |
|     |        |        |        |    |        |         |        |        |
| 176 | 12.815 | 12.783 | 12.849 | VV | 260040 | 3051760 | 36.07% | 2.318% |
| 177 | 12.857 | 12.849 | 12.868 | VV | 315    | 3291    | 0.04%  | 0.003% |
| 178 | 12.893 | 12.868 | 12.914 | VV | 1738   | 27291   | 0.32%  | 0.021% |
| 179 | 12.932 | 12.914 | 12.955 | VV | 615    | 10130   | 0.12%  | 0.008% |
| 180 | 12.983 | 12.955 | 13.028 | PV | 2656   | 60539   | 0.72%  | 0.046% |
|     |        |        |        |    |        |         |        |        |
| 181 | 13.050 | 13.028 | 13.082 | VV | 1325   | 20116   | 0.24%  | 0.015% |
| 182 | 13.128 | 13.082 | 13.152 | VV | 1601   | 28066   | 0.33%  | 0.021% |
| 183 | 13.177 | 13.152 | 13.202 | VV | 1845   | 26462   | 0.31%  | 0.020% |
| 184 | 13.244 | 13.202 | 13.262 | VV | 909    | 22356   | 0.26%  | 0.017% |
| 185 | 13.306 | 13.262 | 13.355 | VV | 3223   | 72153   | 0.85%  | 0.055% |
|     |        |        |        |    |        |         |        |        |
| 186 | 13.385 | 13.355 | 13.399 | VV | 2022   | 33773   | 0.40%  | 0.026% |
| 187 | 13.413 | 13.399 | 13.435 | VV | 2643   | 30394   | 0.36%  | 0.023% |
| 188 | 13.453 | 13.435 | 13.470 | PV | 1968   | 27851   | 0.33%  | 0.021% |
| 189 | 13.485 | 13.470 | 13.513 | VV | 1935   | 31986   | 0.38%  | 0.024% |
| 190 | 13.553 | 13.513 | 13.612 | VV | 4666   | 156977  | 1.86%  | 0.119% |
|     |        |        |        |    |        |         |        |        |
| 191 | 13.622 | 13.612 | 13.644 | VV | 1766   | 22194   | 0.26%  | 0.017% |
| 192 | 13.662 | 13.644 | 13.682 | VV | 1263   | 20209   | 0.24%  | 0.015% |
| 193 | 13.709 | 13.682 | 13.740 | VV | 1171   | 27788   | 0.33%  | 0.021% |
| 194 | 13.781 | 13.740 | 13.804 | VV | 1309   | 36046   | 0.43%  | 0.027% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 195 | 13.828 | 13.804 | 13.842 | VV | 1121   | 16672  | 0.20% | 0.013% |
| 196 | 13.863 | 13.842 | 13.875 | VV | 908    | 11534  | 0.14% | 0.009% |
| 197 | 13.958 | 13.875 | 13.982 | PV | 2800   | 73382  | 0.87% | 0.056% |
| 198 | 14.001 | 13.982 | 14.022 | VV | 2096   | 40824  | 0.48% | 0.031% |
| 199 | 14.060 | 14.022 | 14.096 | VV | 3443   | 76367  | 0.90% | 0.058% |
| 200 | 14.135 | 14.096 | 14.152 | VV | 2606   | 54950  | 0.65% | 0.042% |
| 201 | 14.173 | 14.152 | 14.192 | VV | 2814   | 49669  | 0.59% | 0.038% |
| 202 | 14.226 | 14.192 | 14.257 | VV | 2416   | 62180  | 0.73% | 0.047% |
| 203 | 14.282 | 14.257 | 14.304 | VV | 3659   | 54749  | 0.65% | 0.042% |
| 204 | 14.321 | 14.304 | 14.340 | VV | 1449   | 19105  | 0.23% | 0.015% |
| 205 | 14.366 | 14.340 | 14.386 | VV | 3113   | 52923  | 0.63% | 0.040% |
| 206 | 14.407 | 14.386 | 14.425 | VV | 2490   | 36306  | 0.43% | 0.028% |
| 207 | 14.446 | 14.425 | 14.457 | VV | 1667   | 20800  | 0.25% | 0.016% |
| 208 | 14.518 | 14.457 | 14.535 | VV | 2172   | 61504  | 0.73% | 0.047% |
| 209 | 14.593 | 14.535 | 14.613 | VV | 12118  | 207335 | 2.45% | 0.158% |
| 210 | 14.633 | 14.613 | 14.706 | VV | 11993  | 219175 | 2.59% | 0.167% |
| 211 | 14.750 | 14.706 | 14.768 | VV | 2895   | 65459  | 0.77% | 0.050% |
| 212 | 14.787 | 14.768 | 14.807 | VV | 2834   | 44193  | 0.52% | 0.034% |
| 213 | 14.822 | 14.807 | 14.884 | VV | 2232   | 40936  | 0.48% | 0.031% |
| 214 | 14.904 | 14.884 | 14.931 | VV | 1809   | 28626  | 0.34% | 0.022% |
| 215 | 14.962 | 14.931 | 15.004 | VV | 1902   | 44350  | 0.52% | 0.034% |
| 216 | 15.047 | 15.004 | 15.099 | VV | 9544   | 204547 | 2.42% | 0.155% |
| 217 | 15.111 | 15.099 | 15.137 | VV | 1535   | 18516  | 0.22% | 0.014% |
| 218 | 15.195 | 15.137 | 15.232 | PV | 4300   | 103863 | 1.23% | 0.079% |
| 219 | 15.268 | 15.232 | 15.285 | VV | 5144   | 76685  | 0.91% | 0.058% |
| 220 | 15.301 | 15.285 | 15.338 | VV | 4187   | 65181  | 0.77% | 0.050% |
| 221 | 15.398 | 15.338 | 15.409 | PV | 2297   | 47170  | 0.56% | 0.036% |
| 222 | 15.430 | 15.409 | 15.455 | VV | 2865   | 47111  | 0.56% | 0.036% |
| 223 | 15.476 | 15.455 | 15.485 | VV | 1460   | 16175  | 0.19% | 0.012% |
| 224 | 15.502 | 15.485 | 15.526 | VV | 2152   | 25879  | 0.31% | 0.020% |
| 225 | 15.590 | 15.526 | 15.612 | VV | 1989   | 30792  | 0.36% | 0.023% |
| 226 | 15.635 | 15.612 | 15.644 | PV | 1634   | 20752  | 0.25% | 0.016% |
| 227 | 15.694 | 15.644 | 15.724 | VV | 5630   | 105956 | 1.25% | 0.080% |
| 228 | 15.746 | 15.724 | 15.759 | VV | 2191   | 27847  | 0.33% | 0.021% |
| 229 | 15.773 | 15.759 | 15.788 | VV | 2053   | 22501  | 0.27% | 0.017% |
| 230 | 15.808 | 15.788 | 15.838 | VV | 1015   | 18059  | 0.21% | 0.014% |
| 231 | 15.876 | 15.838 | 15.898 | VV | 5209   | 102445 | 1.21% | 0.078% |
| 232 | 15.912 | 15.898 | 15.928 | VV | 2376   | 25193  | 0.30% | 0.019% |
| 233 | 15.978 | 15.928 | 15.999 | VV | 4724   | 147049 | 1.74% | 0.112% |
| 234 | 16.012 | 15.999 | 16.026 | VV | 3861   | 48727  | 0.58% | 0.037% |
| 235 | 16.068 | 16.026 | 16.115 | VV | 5139   | 115387 | 1.36% | 0.088% |
| 236 | 16.154 | 16.115 | 16.218 | PV | 14177  | 340004 | 4.02% | 0.258% |
| 237 | 16.288 | 16.218 | 16.303 | PV | 8644   | 187209 | 2.21% | 0.142% |
| 238 | 16.314 | 16.303 | 16.348 | VV | 5652   | 108348 | 1.28% | 0.082% |
| 239 | 16.369 | 16.348 | 16.388 | VV | 4627   | 62613  | 0.74% | 0.048% |
| 240 | 16.444 | 16.388 | 16.457 | VV | 4581   | 124941 | 1.48% | 0.095% |
| 241 | 16.477 | 16.457 | 16.515 | VV | 12588  | 233714 | 2.76% | 0.178% |
| 242 | 16.535 | 16.515 | 16.565 | VV | 10776  | 153084 | 1.81% | 0.116% |
| 243 | 16.647 | 16.565 | 16.673 | VV | 22957  | 625978 | 7.40% | 0.476% |
| 244 | 16.685 | 16.673 | 16.704 | VV | 8963   | 148567 | 1.76% | 0.113% |
| 245 | 16.715 | 16.704 | 16.739 | VV | 8931   | 157712 | 1.86% | 0.120% |
| 246 | 16.747 | 16.739 | 16.758 | VV | 7416   | 79638  | 0.94% | 0.060% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 16.818 | 16.758 | 16.835 | VV | 14105 | 414050  | 4.89%  | 0.315% |
| 248    | 16.856 | 16.835 | 16.890 | VV | 15907 | 410960  | 4.86%  | 0.312% |
| 249    | 16.944 | 16.890 | 16.986 | VV | 15387 | 629803  | 7.44%  | 0.478% |
| 250    | 17.026 | 16.986 | 17.051 | VV | 19049 | 576443  | 6.81%  | 0.438% |
|        |        |        |        |    |       |         |        |        |
| 251    | 17.062 | 17.051 | 17.076 | VV | 13694 | 183196  | 2.17%  | 0.139% |
| 252    | 17.117 | 17.076 | 17.131 | VV | 21734 | 582770  | 6.89%  | 0.443% |
| 253    | 17.150 | 17.131 | 17.168 | VV | 21385 | 378218  | 4.47%  | 0.287% |
| 254    | 17.189 | 17.168 | 17.225 | VV | 21411 | 598751  | 7.08%  | 0.455% |
| 255    | 17.255 | 17.225 | 17.308 | VV | 23710 | 818771  | 9.68%  | 0.622% |
|        |        |        |        |    |       |         |        |        |
| 256    | 17.363 | 17.308 | 17.385 | VV | 16904 | 645941  | 7.63%  | 0.491% |
| 257    | 17.420 | 17.385 | 17.458 | VV | 29418 | 883003  | 10.44% | 0.671% |
| 258    | 17.493 | 17.458 | 17.502 | VV | 33169 | 631236  | 7.46%  | 0.480% |
| 259    | 17.515 | 17.502 | 17.548 | VV | 36544 | 823738  | 9.74%  | 0.626% |
| 260    | 17.558 | 17.548 | 17.581 | VV | 22061 | 374672  | 4.43%  | 0.285% |
|        |        |        |        |    |       |         |        |        |
| 261    | 17.658 | 17.581 | 17.673 | VV | 42722 | 1402364 | 16.57% | 1.065% |
| 262    | 17.687 | 17.673 | 17.708 | VV | 33323 | 669762  | 7.92%  | 0.509% |
| 263    | 17.717 | 17.708 | 17.748 | VV | 29146 | 578271  | 6.83%  | 0.439% |
| 264    | 17.756 | 17.748 | 17.781 | VV | 25975 | 413735  | 4.89%  | 0.314% |
| 265    | 17.857 | 17.781 | 17.909 | VV | 30759 | 1879338 | 22.21% | 1.428% |
|        |        |        |        |    |       |         |        |        |
| 266    | 17.921 | 17.909 | 17.940 | VV | 25492 | 415241  | 4.91%  | 0.315% |
| 267    | 18.025 | 17.940 | 18.048 | VV | 40390 | 1747333 | 20.65% | 1.327% |
| 268    | 18.064 | 18.048 | 18.074 | VV | 31176 | 423337  | 5.00%  | 0.322% |
| 269    | 18.107 | 18.074 | 18.132 | VV | 28905 | 906127  | 10.71% | 0.688% |
| 270    | 18.149 | 18.132 | 18.162 | VV | 29385 | 489678  | 5.79%  | 0.372% |
|        |        |        |        |    |       |         |        |        |
| 271    | 18.177 | 18.162 | 18.201 | VV | 31702 | 627226  | 7.41%  | 0.476% |
| 272    | 18.213 | 18.201 | 18.222 | VV | 26269 | 297198  | 3.51%  | 0.226% |
| 273    | 18.229 | 18.222 | 18.236 | VV | 24210 | 196276  | 2.32%  | 0.149% |
| 274    | 18.257 | 18.236 | 18.283 | VV | 26737 | 686986  | 8.12%  | 0.522% |
| 275    | 18.312 | 18.283 | 18.325 | VV | 26081 | 594308  | 7.02%  | 0.451% |
|        |        |        |        |    |       |         |        |        |
| 276    | 18.369 | 18.325 | 18.412 | VV | 33617 | 1420130 | 16.78% | 1.079% |
| 277    | 18.448 | 18.412 | 18.468 | VV | 41122 | 1086710 | 12.84% | 0.826% |
| 278    | 18.498 | 18.468 | 18.543 | VV | 41041 | 1521668 | 17.98% | 1.156% |
| 279    | 18.636 | 18.543 | 18.655 | VV | 37699 | 2139633 | 25.29% | 1.625% |
| 280    | 18.710 | 18.655 | 18.744 | VV | 43857 | 1929400 | 22.80% | 1.466% |
|        |        |        |        |    |       |         |        |        |
| 281    | 18.780 | 18.744 | 18.815 | VV | 48462 | 1787916 | 21.13% | 1.358% |
| 282    | 18.863 | 18.815 | 18.892 | VV | 44620 | 1867097 | 22.07% | 1.418% |
| 283    | 18.900 | 18.892 | 18.937 | VV | 41318 | 1019230 | 12.05% | 0.774% |
| 284    | 18.948 | 18.937 | 18.958 | VV | 41064 | 484652  | 5.73%  | 0.368% |
| 285    | 19.004 | 18.958 | 19.016 | VV | 44331 | 1445447 | 17.08% | 1.098% |
|        |        |        |        |    |       |         |        |        |
| 286    | 19.040 | 19.016 | 19.073 | VV | 50257 | 1603903 | 18.96% | 1.218% |
| 287    | 19.103 | 19.073 | 19.111 | VV | 51991 | 1128728 | 13.34% | 0.857% |
| 288    | 19.118 | 19.111 | 19.132 | VV | 50488 | 580865  | 6.87%  | 0.441% |
| 289    | 19.164 | 19.132 | 19.188 | VV | 64687 | 1871808 | 22.12% | 1.422% |
| 290    | 19.206 | 19.188 | 19.222 | VV | 51419 | 988026  | 11.68% | 0.751% |
|        |        |        |        |    |       |         |        |        |
| 291    | 19.260 | 19.222 | 19.282 | VV | 55239 | 1804360 | 21.33% | 1.371% |
| 292    | 19.292 | 19.282 | 19.301 | VV | 46307 | 519697  | 6.14%  | 0.395% |
| 293    | 19.411 | 19.301 | 19.431 | VV | 60741 | 4170074 | 49.28% | 3.168% |
| 294    | 19.452 | 19.431 | 19.460 | VV | 62626 | 1042722 | 12.32% | 0.792% |
| 295    | 19.501 | 19.460 | 19.541 | VV | 67989 | 3047062 | 36.01% | 2.315% |
|        |        |        |        |    |       |         |        |        |
| 296    | 19.555 | 19.541 | 19.574 | VV | 66064 | 1200794 | 14.19% | 0.912% |
| 297    | 19.588 | 19.574 | 19.608 | VV | 62921 | 1173901 | 13.87% | 0.892% |
| 298    | 19.636 | 19.608 | 19.645 | VV | 60095 | 1233665 | 14.58% | 0.937% |
| 299    | 19.679 | 19.645 | 19.698 | VV | 68318 | 1977128 | 23.37% | 1.502% |

|     |        |        |        |    |                         |         |           |        |
|-----|--------|--------|--------|----|-------------------------|---------|-----------|--------|
|     |        |        |        |    | rteres                  |         |           |        |
| 300 | 19.726 | 19.698 | 19.748 | VV | 69140                   | 1954026 | 23.09%    | 1.484% |
| 301 | 19.786 | 19.748 | 19.802 | VV | 75177                   | 2290970 | 27.08%    | 1.740% |
| 302 | 19.814 | 19.802 | 19.859 | VV | 74733                   | 2419981 | 28.60%    | 1.838% |
| 303 | 19.878 | 19.859 | 19.887 | VV | 75796                   | 1181302 | 13.96%    | 0.897% |
| 304 | 19.901 | 19.887 | 19.915 | VV | 74784                   | 1223129 | 14.46%    | 0.929% |
| 305 | 19.945 | 19.915 | 19.965 | VV | 86577                   | 2385568 | 28.19%    | 1.812% |
| 306 | 20.020 | 19.965 | 20.052 | VV | 83680                   | 4219066 | 49.86%    | 3.205% |
| 307 | 20.083 | 20.052 | 20.115 | VV | 88582                   | 3056123 | 36.12%    | 2.322% |
| 308 | 20.160 | 20.115 | 20.178 | VV | 84781                   | 3038423 | 35.91%    | 2.308% |
| 309 | 20.281 | 20.178 | 20.336 | VV | 100811                  | 8461225 | 100.00%   | 6.428% |
| 310 | 20.356 | 20.336 | 20.386 | VV | 87334                   | 2452006 | 28.98%    | 1.863% |
| 311 | 20.448 | 20.386 | 20.468 | VV | 87125                   | 3829336 | 45.26%    | 2.909% |
| 312 | 20.500 | 20.468 | 20.545 | VV | 85176                   | 3717729 | 43.94%    | 2.824% |
| 313 | 20.556 | 20.545 | 20.571 | VV | 82938                   | 1247204 | 14.74%    | 0.947% |
| 314 | 20.589 | 20.571 | 20.692 | VV | 80581                   | 4860084 | 57.44%    | 3.692% |
| 315 | 20.718 | 20.692 | 20.744 | VV | 55612                   | 1538678 | 18.19%    | 1.169% |
| 316 | 20.781 | 20.744 | 20.825 | VV | 58300                   | 2522550 | 29.81%    | 1.916% |
| 317 | 20.855 | 20.825 | 20.876 | VV | 48188                   | 1438848 | 17.01%    | 1.093% |
| 318 | 20.885 | 20.876 | 20.911 | VV | 45400                   | 912947  | 10.79%    | 0.694% |
| 319 | 20.937 | 20.911 | 20.981 | VV | 44917                   | 1748375 | 20.66%    | 1.328% |
| 320 | 20.990 | 20.981 | 21.002 | VV | 38667                   | 445415  | 5.26%     | 0.338% |
| 321 | 21.011 | 21.002 | 21.050 | VV | 38870                   | 918978  | 10.86%    | 0.698% |
| 322 | 21.080 | 21.050 | 21.107 | VV | 34486                   | 985873  | 11.65%    | 0.749% |
| 323 | 21.123 | 21.107 | 21.241 | VV | 30990                   | 1718124 | 20.31%    | 1.305% |
| 324 | 21.249 | 21.241 | 21.262 | VV | 13375                   | 141834  | 1.68%     | 0.108% |
| 325 | 21.267 | 21.262 | 21.282 | VV | 10723                   | 115020  | 1.36%     | 0.087% |
| 326 | 21.297 | 21.282 | 21.313 | VV | 10137                   | 174271  | 2.06%     | 0.132% |
| 327 | 21.323 | 21.313 | 21.365 | VV | 10851                   | 198608  | 2.35%     | 0.151% |
| 328 | 21.409 | 21.365 | 21.422 | VV | 9297                    | 220632  | 2.61%     | 0.168% |
| 329 | 21.451 | 21.422 | 21.486 | VV | 12890                   | 290401  | 3.43%     | 0.221% |
|     |        |        |        |    | Sum of corrected areas: |         | 131635791 |        |

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