

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC111819AL\  
Data File : FC044609.D  
Signal(s) : FID1A.CH  
Acq On : 19 Nov 2019 1:11  
Sample : K5865-17  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 102219.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         | 3.495       | 3.475        | 3.529      | PV       | 336            | 4169         | 0.13%          | 0.009%        |
| 2         | 3.559       | 3.529        | 3.574      | PV       | 285            | 4561         | 0.14%          | 0.010%        |
| 3         | 3.590       | 3.574        | 3.600      | VV       | 219            | 2821         | 0.09%          | 0.006%        |
| 4         | 3.611       | 3.600        | 3.634      | VV       | 203            | 2920         | 0.09%          | 0.006%        |
| 5         | 3.648       | 3.634        | 3.707      | VV       | 176            | 5676         | 0.17%          | 0.013%        |
| 6         | 3.750       | 3.707        | 3.809      | VV       | 7116           | 73666        | 2.24%          | 0.164%        |
| 7         | 3.832       | 3.809        | 3.858      | VV       | 331            | 5780         | 0.18%          | 0.013%        |
| 8         | 3.903       | 3.858        | 3.921      | VV       | 291            | 7560         | 0.23%          | 0.017%        |
| 9         | 3.934       | 3.921        | 3.946      | VV       | 313            | 2620         | 0.08%          | 0.006%        |
| 10        | 3.975       | 3.946        | 3.988      | VV       | 278            | 5236         | 0.16%          | 0.012%        |
| 11        | 4.009       | 3.988        | 4.019      | VV       | 250            | 3071         | 0.09%          | 0.007%        |
| 12        | 4.047       | 4.019        | 4.079      | VV       | 514            | 8519         | 0.26%          | 0.019%        |
| 13        | 4.144       | 4.134        | 4.199      | VV       | 936            | 22396        | 0.68%          | 0.050%        |
| 14        | 4.224       | 4.199        | 4.263      | VV       | 908            | 20593        | 0.63%          | 0.046%        |
| 15        | 4.298       | 4.263        | 4.309      | VV       | 615            | 13307        | 0.40%          | 0.030%        |
| 16        | 4.323       | 4.309        | 4.369      | VV       | 2374           | 35308        | 1.07%          | 0.079%        |
| 17        | 4.376       | 4.369        | 4.410      | VV       | 409            | 9346         | 0.28%          | 0.021%        |
| 18        | 4.433       | 4.410        | 4.453      | VV       | 521            | 9578         | 0.29%          | 0.021%        |
| 19        | 4.469       | 4.453        | 4.477      | VV       | 492            | 5935         | 0.18%          | 0.013%        |
| 20        | 4.486       | 4.477        | 4.504      | VV       | 490            | 6590         | 0.20%          | 0.015%        |
| 21        | 4.532       | 4.504        | 4.555      | VV       | 686            | 14109        | 0.43%          | 0.031%        |
| 22        | 4.578       | 4.555        | 4.596      | VV       | 513            | 10740        | 0.33%          | 0.024%        |
| 23        | 4.630       | 4.596        | 4.664      | VV       | 4458           | 58063        | 1.77%          | 0.129%        |
| 24        | 4.681       | 4.664        | 4.731      | VV       | 1780           | 33677        | 1.02%          | 0.075%        |
| 25        | 4.759       | 4.731        | 4.845      | VV       | 4018           | 144152       | 4.39%          | 0.321%        |
| 26        | 4.869       | 4.845        | 4.939      | VV       | 10807          | 146303       | 4.45%          | 0.325%        |
| 27        | 4.958       | 4.939        | 4.981      | VV       | 738            | 16200        | 0.49%          | 0.036%        |
| 28        | 4.988       | 4.981        | 5.004      | VV       | 618            | 7488         | 0.23%          | 0.017%        |
| 29        | 5.019       | 5.004        | 5.067      | VV       | 657            | 17629        | 0.54%          | 0.039%        |
| 30        | 5.076       | 5.067        | 5.093      | VV       | 416            | 6092         | 0.19%          | 0.014%        |
| 31        | 5.105       | 5.093        | 5.119      | VV       | 439            | 6079         | 0.19%          | 0.014%        |
| 32        | 5.131       | 5.119        | 5.198      | VV       | 743            | 19565        | 0.60%          | 0.044%        |
| 33        | 5.229       | 5.198        | 5.253      | VV       | 609            | 14430        | 0.44%          | 0.032%        |
| 34        | 5.271       | 5.253        | 5.290      | VV       | 486            | 8557         | 0.26%          | 0.019%        |
| 35        | 5.317       | 5.290        | 5.352      | VV       | 498            | 14908        | 0.45%          | 0.033%        |
| 36        | 5.394       | 5.352        | 5.439      | VV       | 1123           | 34697        | 1.06%          | 0.077%        |

|    |       |       |       |    | rt   | er    |       |        |
|----|-------|-------|-------|----|------|-------|-------|--------|
| 37 | 5.453 | 5.439 | 5.507 | VV | 560  | 17416 | 0.53% | 0.039% |
| 38 | 5.526 | 5.507 | 5.557 | VV | 603  | 14346 | 0.44% | 0.032% |
| 39 | 5.572 | 5.557 | 5.600 | VV | 727  | 13395 | 0.41% | 0.030% |
| 40 | 5.610 | 5.600 | 5.615 | VV | 427  | 3630  | 0.11% | 0.008% |
| 41 | 5.630 | 5.615 | 5.672 | VV | 617  | 13701 | 0.42% | 0.030% |
| 42 | 5.683 | 5.672 | 5.698 | VV | 461  | 5562  | 0.17% | 0.012% |
| 43 | 5.719 | 5.698 | 5.742 | VV | 434  | 9044  | 0.28% | 0.020% |
| 44 | 5.806 | 5.742 | 5.829 | VV | 481  | 19172 | 0.58% | 0.043% |
| 45 | 5.845 | 5.829 | 5.864 | VV | 808  | 13447 | 0.41% | 0.030% |
| 46 | 5.871 | 5.864 | 5.879 | VV | 654  | 5658  | 0.17% | 0.013% |
| 47 | 5.893 | 5.879 | 5.911 | VV | 1010 | 13321 | 0.41% | 0.030% |
| 48 | 5.928 | 5.911 | 5.954 | VV | 634  | 14565 | 0.44% | 0.032% |
| 49 | 5.972 | 5.954 | 6.051 | VV | 1059 | 20800 | 0.63% | 0.046% |
| 50 | 6.084 | 6.051 | 6.106 | VV | 824  | 17771 | 0.54% | 0.040% |
| 51 | 6.134 | 6.106 | 6.182 | VV | 629  | 15945 | 0.49% | 0.035% |
| 52 | 6.206 | 6.182 | 6.227 | VV | 222  | 3218  | 0.10% | 0.007% |
| 53 | 6.267 | 6.227 | 6.318 | VV | 1014 | 15136 | 0.46% | 0.034% |
| 54 | 6.331 | 6.318 | 6.369 | VV | 218  | 3116  | 0.09% | 0.007% |
| 55 | 6.477 | 6.467 | 6.501 | VV | 362  | 4884  | 0.15% | 0.011% |
| 56 | 6.510 | 6.501 | 6.527 | VV | 302  | 3140  | 0.10% | 0.007% |
| 57 | 6.556 | 6.527 | 6.570 | VV | 329  | 4734  | 0.14% | 0.011% |
| 58 | 6.592 | 6.570 | 6.624 | VV | 1631 | 19112 | 0.58% | 0.042% |
| 59 | 6.657 | 6.624 | 6.693 | VV | 282  | 7212  | 0.22% | 0.016% |
| 60 | 6.701 | 6.693 | 6.725 | VV | 190  | 2040  | 0.06% | 0.005% |
| 61 | 6.760 | 6.725 | 6.774 | VV | 343  | 4561  | 0.14% | 0.010% |
| 62 | 6.802 | 6.774 | 6.812 | VV | 607  | 7712  | 0.23% | 0.017% |
| 63 | 6.821 | 6.812 | 6.854 | VV | 589  | 9166  | 0.28% | 0.020% |
| 64 | 6.957 | 6.945 | 6.970 | VV | 311  | 4352  | 0.13% | 0.010% |
| 65 | 6.988 | 6.970 | 7.004 | VV | 366  | 5753  | 0.18% | 0.013% |
| 66 | 7.018 | 7.004 | 7.045 | VV | 453  | 9804  | 0.30% | 0.022% |
| 67 | 7.060 | 7.045 | 7.081 | VV | 555  | 7840  | 0.24% | 0.017% |
| 68 | 7.096 | 7.081 | 7.144 | VV | 352  | 8245  | 0.25% | 0.018% |
| 69 | 7.192 | 7.144 | 7.240 | VV | 721  | 16523 | 0.50% | 0.037% |
| 70 | 7.258 | 7.240 | 7.290 | VV | 458  | 5803  | 0.18% | 0.013% |
| 71 | 7.328 | 7.290 | 7.368 | VV | 576  | 10163 | 0.31% | 0.023% |
| 72 | 7.396 | 7.368 | 7.417 | VV | 1079 | 13903 | 0.42% | 0.031% |
| 73 | 7.440 | 7.417 | 7.462 | VV | 1347 | 17042 | 0.52% | 0.038% |
| 74 | 7.476 | 7.462 | 7.498 | VV | 603  | 8499  | 0.26% | 0.019% |
| 75 | 7.505 | 7.498 | 7.532 | VV | 180  | 2755  | 0.08% | 0.006% |
| 76 | 7.550 | 7.532 | 7.572 | VV | 1825 | 19340 | 0.59% | 0.043% |
| 77 | 7.593 | 7.572 | 7.613 | VV | 562  | 7822  | 0.24% | 0.017% |
| 78 | 7.645 | 7.613 | 7.699 | VV | 820  | 17869 | 0.54% | 0.040% |
| 79 | 7.703 | 7.699 | 7.721 | VV | 177  | 1481  | 0.05% | 0.003% |
| 80 | 7.740 | 7.721 | 7.752 | VV | 264  | 2332  | 0.07% | 0.005% |
| 81 | 7.771 | 7.752 | 7.811 | VV | 313  | 4852  | 0.15% | 0.011% |
| 82 | 7.823 | 7.811 | 7.844 | VV | 156  | 1875  | 0.06% | 0.004% |
| 83 | 7.870 | 7.844 | 7.879 | PV | 154  | 2327  | 0.07% | 0.005% |
| 84 | 7.901 | 7.879 | 7.921 | VV | 389  | 7641  | 0.23% | 0.017% |
| 85 | 7.937 | 7.921 | 7.955 | VV | 675  | 8912  | 0.27% | 0.020% |
| 86 | 7.966 | 7.955 | 7.996 | VV | 261  | 4259  | 0.13% | 0.009% |
| 87 | 8.014 | 7.996 | 8.040 | VV | 323  | 4884  | 0.15% | 0.011% |
| 88 | 8.050 | 8.040 | 8.064 | VV | 209  | 1760  | 0.05% | 0.004% |
| 89 | 8.081 | 8.064 | 8.116 | VV | 410  | 5982  | 0.18% | 0.013% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 8.130  | 8.116  | 8.150  | VV | 255    | 3225   | 0.10% | 0.007% |
| 91  | 8.171  | 8.150  | 8.199  | VV | 396    | 7541   | 0.23% | 0.017% |
| 92  | 8.241  | 8.199  | 8.266  | VV | 1170   | 20850  | 0.63% | 0.046% |
| 93  | 8.288  | 8.266  | 8.306  | VV | 1035   | 15531  | 0.47% | 0.035% |
| 94  | 8.359  | 8.306  | 8.391  | VV | 1689   | 48780  | 1.48% | 0.108% |
| 95  | 8.473  | 8.462  | 8.511  | VV | 980    | 17187  | 0.52% | 0.038% |
| 96  | 8.529  | 8.511  | 8.554  | VV | 303    | 5788   | 0.18% | 0.013% |
| 97  | 8.564  | 8.554  | 8.589  | VV | 196    | 3751   | 0.11% | 0.008% |
| 98  | 8.596  | 8.589  | 8.618  | VV | 192    | 1951   | 0.06% | 0.004% |
| 99  | 8.637  | 8.618  | 8.653  | PV | 193    | 1966   | 0.06% | 0.004% |
| 100 | 8.668  | 8.653  | 8.693  | VV | 130    | 2377   | 0.07% | 0.005% |
| 101 | 8.733  | 8.693  | 8.754  | VV | 310    | 6755   | 0.21% | 0.015% |
| 102 | 8.774  | 8.754  | 8.787  | VV | 261    | 4022   | 0.12% | 0.009% |
| 103 | 8.832  | 8.787  | 8.870  | VV | 1497   | 38733  | 1.18% | 0.086% |
| 104 | 8.887  | 8.870  | 8.924  | VV | 777    | 13644  | 0.42% | 0.030% |
| 105 | 8.941  | 8.924  | 8.964  | VV | 539    | 8163   | 0.25% | 0.018% |
| 106 | 8.984  | 8.964  | 9.023  | VV | 511    | 8814   | 0.27% | 0.020% |
| 107 | 9.046  | 9.023  | 9.055  | VV | 280    | 3809   | 0.12% | 0.008% |
| 108 | 9.078  | 9.055  | 9.119  | VV | 615    | 11352  | 0.35% | 0.025% |
| 109 | 9.132  | 9.119  | 9.144  | VV | 137    | 1442   | 0.04% | 0.003% |
| 110 | 9.172  | 9.144  | 9.197  | VV | 1006   | 15551  | 0.47% | 0.035% |
| 111 | 9.208  | 9.197  | 9.243  | VV | 312    | 5061   | 0.15% | 0.011% |
| 112 | 9.261  | 9.243  | 9.304  | VV | 669    | 10043  | 0.31% | 0.022% |
| 113 | 9.310  | 9.304  | 9.319  | VV | 185    | 1029   | 0.03% | 0.002% |
| 114 | 9.338  | 9.319  | 9.387  | VV | 385    | 7337   | 0.22% | 0.016% |
| 115 | 9.473  | 9.407  | 9.491  | PV | 423    | 8023   | 0.24% | 0.018% |
| 116 | 9.513  | 9.491  | 9.526  | VV | 365    | 4431   | 0.13% | 0.010% |
| 117 | 9.555  | 9.526  | 9.572  | VV | 587    | 9590   | 0.29% | 0.021% |
| 118 | 9.580  | 9.572  | 9.607  | VV | 300    | 4912   | 0.15% | 0.011% |
| 119 | 9.632  | 9.607  | 9.663  | VV | 440    | 9903   | 0.30% | 0.022% |
| 120 | 9.694  | 9.663  | 9.725  | VV | 695    | 12227  | 0.37% | 0.027% |
| 121 | 9.732  | 9.725  | 9.746  | VV | 193    | 1181   | 0.04% | 0.003% |
| 122 | 9.789  | 9.746  | 9.811  | VV | 321    | 5803   | 0.18% | 0.013% |
| 123 | 9.829  | 9.811  | 9.854  | VV | 729    | 9181   | 0.28% | 0.020% |
| 124 | 9.873  | 9.854  | 9.912  | VV | 575    | 11546  | 0.35% | 0.026% |
| 125 | 9.932  | 9.912  | 10.024 | VV | 3657   | 67219  | 2.05% | 0.149% |
| 126 | 10.051 | 10.024 | 10.084 | VV | 337    | 7663   | 0.23% | 0.017% |
| 127 | 10.125 | 10.084 | 10.181 | VV | 801    | 17800  | 0.54% | 0.040% |
| 128 | 10.225 | 10.181 | 10.276 | VV | 2528   | 61015  | 1.86% | 0.136% |
| 129 | 10.306 | 10.276 | 10.324 | VV | 836    | 19967  | 0.61% | 0.044% |
| 130 | 10.342 | 10.324 | 10.372 | VV | 1146   | 21381  | 0.65% | 0.048% |
| 131 | 10.411 | 10.372 | 10.452 | VV | 1006   | 32284  | 0.98% | 0.072% |
| 132 | 10.480 | 10.452 | 10.517 | VV | 9767   | 129956 | 3.95% | 0.289% |
| 133 | 10.540 | 10.517 | 10.577 | VV | 19839  | 261921 | 7.97% | 0.582% |
| 134 | 10.602 | 10.577 | 10.618 | VV | 22675  | 265110 | 8.07% | 0.589% |
| 135 | 10.631 | 10.618 | 10.644 | VV | 12244  | 140757 | 4.28% | 0.313% |
| 136 | 10.671 | 10.644 | 10.716 | VV | 11901  | 260111 | 7.92% | 0.578% |
| 137 | 10.739 | 10.716 | 10.750 | VV | 8244   | 109717 | 3.34% | 0.244% |
| 138 | 10.762 | 10.750 | 10.781 | VV | 9559   | 122634 | 3.73% | 0.273% |
| 139 | 10.797 | 10.781 | 10.839 | VV | 14958  | 270231 | 8.22% | 0.601% |
| 140 | 10.861 | 10.839 | 10.886 | VV | 19019  | 248269 | 7.56% | 0.552% |
| 141 | 10.919 | 10.886 | 10.944 | VV | 11342  | 200606 | 6.10% | 0.446% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 10.961 | 10.944 | 10.999 | VV | 5012   | 96421   | 2.93%   | 0.214% |
| 143 | 11.032 | 10.999 | 11.055 | VV | 1974   | 56292   | 1.71%   | 0.125% |
| 144 | 11.083 | 11.055 | 11.099 | VV | 2383   | 51521   | 1.57%   | 0.115% |
| 145 | 11.112 | 11.099 | 11.136 | VV | 2686   | 46620   | 1.42%   | 0.104% |
|     |        |        |        |    |        |         |         |        |
| 146 | 11.155 | 11.136 | 11.166 | VV | 1687   | 29571   | 0.90%   | 0.066% |
| 147 | 11.180 | 11.166 | 11.191 | VV | 2189   | 29516   | 0.90%   | 0.066% |
| 148 | 11.203 | 11.191 | 11.221 | VV | 2132   | 34912   | 1.06%   | 0.078% |
| 149 | 11.247 | 11.221 | 11.267 | VV | 2665   | 58350   | 1.78%   | 0.130% |
| 150 | 11.277 | 11.267 | 11.306 | VV | 1811   | 39193   | 1.19%   | 0.087% |
|     |        |        |        |    |        |         |         |        |
| 151 | 11.327 | 11.306 | 11.346 | VV | 2152   | 48180   | 1.47%   | 0.107% |
| 152 | 11.411 | 11.346 | 11.436 | VV | 3523   | 132314  | 4.03%   | 0.294% |
| 153 | 11.442 | 11.436 | 11.464 | VV | 2236   | 34729   | 1.06%   | 0.077% |
| 154 | 11.486 | 11.464 | 11.502 | VV | 2983   | 55927   | 1.70%   | 0.124% |
| 155 | 11.530 | 11.502 | 11.544 | VV | 2948   | 65015   | 1.98%   | 0.145% |
|     |        |        |        |    |        |         |         |        |
| 156 | 11.551 | 11.544 | 11.577 | VV | 2464   | 43668   | 1.33%   | 0.097% |
| 157 | 11.645 | 11.577 | 11.656 | VV | 2336   | 101761  | 3.10%   | 0.226% |
| 158 | 11.660 | 11.656 | 11.669 | VV | 2388   | 17971   | 0.55%   | 0.040% |
| 159 | 11.723 | 11.669 | 11.752 | VV | 310858 | 3285924 | 100.00% | 7.307% |
| 160 | 11.761 | 11.752 | 11.776 | VV | 3509   | 46518   | 1.42%   | 0.103% |
|     |        |        |        |    |        |         |         |        |
| 161 | 11.797 | 11.776 | 11.819 | VV | 5168   | 99479   | 3.03%   | 0.221% |
| 162 | 11.880 | 11.819 | 11.932 | VV | 4600   | 261863  | 7.97%   | 0.582% |
| 163 | 11.942 | 11.932 | 11.963 | VV | 4029   | 63931   | 1.95%   | 0.142% |
| 164 | 11.984 | 11.963 | 12.009 | VV | 3410   | 86733   | 2.64%   | 0.193% |
| 165 | 12.058 | 12.009 | 12.079 | VV | 5027   | 163356  | 4.97%   | 0.363% |
|     |        |        |        |    |        |         |         |        |
| 166 | 12.125 | 12.079 | 12.142 | VV | 3920   | 136648  | 4.16%   | 0.304% |
| 167 | 12.175 | 12.142 | 12.187 | VV | 4685   | 114076  | 3.47%   | 0.254% |
| 168 | 12.196 | 12.187 | 12.214 | VV | 4544   | 69341   | 2.11%   | 0.154% |
| 169 | 12.231 | 12.214 | 12.251 | VV | 4942   | 94480   | 2.88%   | 0.210% |
| 170 | 12.270 | 12.251 | 12.288 | VV | 6756   | 127047  | 3.87%   | 0.282% |
|     |        |        |        |    |        |         |         |        |
| 171 | 12.308 | 12.288 | 12.347 | VV | 22275  | 373148  | 11.36%  | 0.830% |
| 172 | 12.355 | 12.347 | 12.382 | VV | 5719   | 109124  | 3.32%   | 0.243% |
| 173 | 12.400 | 12.382 | 12.417 | VV | 5150   | 100100  | 3.05%   | 0.223% |
| 174 | 12.436 | 12.417 | 12.444 | VV | 5420   | 81363   | 2.48%   | 0.181% |
| 175 | 12.467 | 12.444 | 12.491 | VV | 7845   | 176036  | 5.36%   | 0.391% |
|     |        |        |        |    |        |         |         |        |
| 176 | 12.503 | 12.491 | 12.541 | VV | 5105   | 147989  | 4.50%   | 0.329% |
| 177 | 12.605 | 12.541 | 12.617 | VV | 6460   | 247702  | 7.54%   | 0.551% |
| 178 | 12.625 | 12.617 | 12.641 | VV | 6082   | 79480   | 2.42%   | 0.177% |
| 179 | 12.676 | 12.641 | 12.692 | VV | 12983  | 286798  | 8.73%   | 0.638% |
| 180 | 12.704 | 12.692 | 12.714 | VV | 13501  | 160954  | 4.90%   | 0.358% |
|     |        |        |        |    |        |         |         |        |
| 181 | 12.723 | 12.714 | 12.749 | VV | 12924  | 200073  | 6.09%   | 0.445% |
| 182 | 12.780 | 12.749 | 12.802 | VV | 11147  | 241278  | 7.34%   | 0.537% |
| 183 | 12.819 | 12.802 | 12.850 | VV | 7055   | 178194  | 5.42%   | 0.396% |
| 184 | 12.887 | 12.850 | 12.912 | VV | 18867  | 402121  | 12.24%  | 0.894% |
| 185 | 12.941 | 12.912 | 12.962 | VV | 18262  | 376039  | 11.44%  | 0.836% |
|     |        |        |        |    |        |         |         |        |
| 186 | 12.998 | 12.962 | 13.032 | VV | 8416   | 301137  | 9.16%   | 0.670% |
| 187 | 13.075 | 13.032 | 13.122 | VV | 35442  | 975822  | 29.70%  | 2.170% |
| 188 | 13.152 | 13.122 | 13.199 | VV | 219867 | 2896290 | 88.14%  | 6.440% |
| 189 | 13.219 | 13.199 | 13.232 | VV | 14131  | 220942  | 6.72%   | 0.491% |
| 190 | 13.244 | 13.232 | 13.282 | VV | 13517  | 296770  | 9.03%   | 0.660% |
|     |        |        |        |    |        |         |         |        |
| 191 | 13.316 | 13.282 | 13.352 | VV | 24276  | 474191  | 14.43%  | 1.054% |
| 192 | 13.386 | 13.352 | 13.398 | VV | 11805  | 245593  | 7.47%   | 0.546% |
| 193 | 13.413 | 13.398 | 13.457 | VV | 14168  | 366200  | 11.14%  | 0.814% |
| 194 | 13.492 | 13.457 | 13.519 | VV | 13803  | 391123  | 11.90%  | 0.870% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 195 | 13.544 | 13.519 | 13.564 | VV | 14270  | 276066 | 8.40%  | 0.614% |
| 196 | 13.581 | 13.564 | 13.647 | VV | 10714  | 401923 | 12.23% | 0.894% |
| 197 | 13.669 | 13.647 | 13.728 | VV | 9046   | 350313 | 10.66% | 0.779% |
| 198 | 13.745 | 13.728 | 13.763 | VV | 6994   | 139594 | 4.25%  | 0.310% |
| 199 | 13.773 | 13.763 | 13.790 | VV | 6828   | 105738 | 3.22%  | 0.235% |
| 200 | 13.817 | 13.790 | 13.872 | VV | 13261  | 411035 | 12.51% | 0.914% |
| 201 | 14.013 | 13.957 | 14.042 | VV | 13367  | 405363 | 12.34% | 0.901% |
| 202 | 14.054 | 14.042 | 14.078 | VV | 6138   | 126287 | 3.84%  | 0.281% |
| 203 | 14.139 | 14.078 | 14.155 | VV | 7505   | 302096 | 9.19%  | 0.672% |
| 204 | 14.265 | 14.255 | 14.283 | VV | 7016   | 115180 | 3.51%  | 0.256% |
| 205 | 14.301 | 14.283 | 14.322 | VV | 8380   | 181080 | 5.51%  | 0.403% |
| 206 | 14.340 | 14.322 | 14.367 | VV | 8490   | 197736 | 6.02%  | 0.440% |
| 207 | 14.519 | 14.494 | 14.542 | VV | 9230   | 219200 | 6.67%  | 0.487% |
| 208 | 14.584 | 14.542 | 14.631 | VV | 8454   | 364348 | 11.09% | 0.810% |
| 209 | 14.647 | 14.631 | 14.666 | VV | 6519   | 130594 | 3.97%  | 0.290% |
| 210 | 14.677 | 14.666 | 14.696 | VV | 6562   | 107080 | 3.26%  | 0.238% |
| 211 | 14.705 | 14.696 | 14.721 | VV | 6355   | 86833  | 2.64%  | 0.193% |
| 212 | 14.736 | 14.721 | 14.752 | VV | 5723   | 103696 | 3.16%  | 0.231% |
| 213 | 14.764 | 14.752 | 14.790 | VV | 5367   | 117304 | 3.57%  | 0.261% |
| 214 | 14.813 | 14.790 | 14.854 | VV | 6446   | 205836 | 6.26%  | 0.458% |
| 215 | 14.863 | 14.854 | 14.886 | VV | 5357   | 93862  | 2.86%  | 0.209% |
| 216 | 14.897 | 14.886 | 14.932 | VV | 5081   | 128799 | 3.92%  | 0.286% |
| 217 | 14.957 | 14.932 | 14.976 | VV | 8996   | 178314 | 5.43%  | 0.396% |
| 218 | 15.047 | 15.037 | 15.093 | VV | 6391   | 183171 | 5.57%  | 0.407% |
| 219 | 15.142 | 15.093 | 15.171 | VV | 11973  | 287463 | 8.75%  | 0.639% |
| 220 | 15.207 | 15.171 | 15.232 | VV | 3932   | 134065 | 4.08%  | 0.298% |
| 221 | 15.251 | 15.232 | 15.304 | VV | 4220   | 161084 | 4.90%  | 0.358% |
| 222 | 15.339 | 15.304 | 15.367 | VV | 8661   | 201862 | 6.14%  | 0.449% |
| 223 | 15.610 | 15.576 | 15.655 | VV | 4342   | 161683 | 4.92%  | 0.360% |
| 224 | 15.671 | 15.655 | 15.692 | VV | 2655   | 54096  | 1.65%  | 0.120% |
| 225 | 15.703 | 15.692 | 15.756 | VV | 2501   | 83931  | 2.55%  | 0.187% |
| 226 | 15.799 | 15.756 | 15.812 | VV | 2418   | 74253  | 2.26%  | 0.165% |
| 227 | 15.847 | 15.812 | 15.882 | VV | 6570   | 155806 | 4.74%  | 0.346% |
| 228 | 15.897 | 15.882 | 15.937 | VV | 3807   | 88591  | 2.70%  | 0.197% |
| 229 | 15.980 | 15.937 | 15.993 | VV | 2359   | 68246  | 2.08%  | 0.152% |
| 230 | 16.125 | 16.109 | 16.167 | VV | 1632   | 44980  | 1.37%  | 0.100% |
| 231 | 16.174 | 16.167 | 16.184 | VV | 1259   | 11498  | 0.35%  | 0.026% |
| 232 | 16.233 | 16.184 | 16.266 | VV | 2038   | 74582  | 2.27%  | 0.166% |
| 233 | 16.277 | 16.266 | 16.291 | VV | 1893   | 23357  | 0.71%  | 0.052% |
| 234 | 16.337 | 16.291 | 16.362 | VV | 6024   | 130442 | 3.97%  | 0.290% |
| 235 | 16.463 | 16.446 | 16.474 | VV | 2186   | 32069  | 0.98%  | 0.071% |
| 236 | 16.596 | 16.569 | 16.609 | VV | 1230   | 24467  | 0.74%  | 0.054% |
| 237 | 16.645 | 16.609 | 16.660 | VV | 1874   | 40371  | 1.23%  | 0.090% |
| 238 | 16.673 | 16.660 | 16.701 | VV | 1776   | 29741  | 0.91%  | 0.066% |
| 239 | 16.710 | 16.701 | 16.721 | VV | 1107   | 10119  | 0.31%  | 0.023% |
| 240 | 16.757 | 16.721 | 16.776 | VV | 1545   | 35217  | 1.07%  | 0.078% |
| 241 | 16.810 | 16.776 | 16.829 | VV | 5877   | 110868 | 3.37%  | 0.247% |
| 242 | 16.872 | 16.829 | 16.926 | VV | 7483   | 232716 | 7.08%  | 0.517% |
| 243 | 17.028 | 17.009 | 17.071 | VV | 7710   | 114121 | 3.47%  | 0.254% |
| 244 | 17.129 | 17.071 | 17.147 | VV | 2019   | 64189  | 1.95%  | 0.143% |
| 245 | 17.158 | 17.147 | 17.172 | VV | 1945   | 25298  | 0.77%  | 0.056% |
| 246 | 17.264 | 17.172 | 17.298 | VV | 11350  | 430577 | 13.10% | 0.957% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 247 | 17.314 | 17.298 | 17.341 | VV | 5465   | 91384  | 2.78%  | 0.203% |
| 248 | 17.483 | 17.459 | 17.502 | VV | 4942   | 89311  | 2.72%  | 0.199% |
| 249 | 17.517 | 17.502 | 17.529 | VV | 4000   | 53532  | 1.63%  | 0.119% |
| 250 | 17.574 | 17.529 | 17.610 | VV | 9304   | 242567 | 7.38%  | 0.539% |
|     |        |        |        |    |        |        |        |        |
| 251 | 17.638 | 17.610 | 17.674 | VV | 3364   | 85168  | 2.59%  | 0.189% |
| 252 | 17.709 | 17.674 | 17.736 | VV | 7515   | 156274 | 4.76%  | 0.347% |
| 253 | 17.758 | 17.736 | 17.784 | VV | 4717   | 94372  | 2.87%  | 0.210% |
| 254 | 17.819 | 17.784 | 17.838 | VV | 15048  | 242955 | 7.39%  | 0.540% |
| 255 | 17.899 | 17.887 | 17.920 | VV | 12766  | 173168 | 5.27%  | 0.385% |
|     |        |        |        |    |        |        |        |        |
| 256 | 17.941 | 17.920 | 17.978 | VV | 12127  | 219429 | 6.68%  | 0.488% |
| 257 | 17.998 | 17.978 | 18.010 | VV | 3468   | 55895  | 1.70%  | 0.124% |
| 258 | 18.029 | 18.010 | 18.049 | VV | 4241   | 84388  | 2.57%  | 0.188% |
| 259 | 18.069 | 18.049 | 18.092 | VV | 4365   | 91502  | 2.78%  | 0.203% |
| 260 | 18.140 | 18.092 | 18.165 | VV | 7910   | 260035 | 7.91%  | 0.578% |
|     |        |        |        |    |        |        |        |        |
| 261 | 18.180 | 18.165 | 18.216 | VV | 5604   | 126047 | 3.84%  | 0.280% |
| 262 | 18.249 | 18.216 | 18.259 | VV | 6902   | 137853 | 4.20%  | 0.307% |
| 263 | 18.352 | 18.332 | 18.362 | VV | 2903   | 45156  | 1.37%  | 0.100% |
| 264 | 18.371 | 18.362 | 18.383 | VV | 2913   | 36574  | 1.11%  | 0.081% |
| 265 | 18.401 | 18.383 | 18.476 | VV | 3960   | 137075 | 4.17%  | 0.305% |
|     |        |        |        |    |        |        |        |        |
| 266 | 18.483 | 18.476 | 18.502 | VV | 1591   | 24288  | 0.74%  | 0.054% |
| 267 | 18.552 | 18.502 | 18.577 | VV | 5073   | 143921 | 4.38%  | 0.320% |
| 268 | 18.598 | 18.577 | 18.627 | VV | 4994   | 92232  | 2.81%  | 0.205% |
| 269 | 18.746 | 18.741 | 18.758 | VV | 2857   | 29418  | 0.90%  | 0.065% |
| 270 | 18.781 | 18.758 | 18.824 | VV | 4541   | 135547 | 4.13%  | 0.301% |
|     |        |        |        |    |        |        |        |        |
| 271 | 18.833 | 18.824 | 18.851 | VV | 2718   | 41166  | 1.25%  | 0.092% |
| 272 | 18.869 | 18.851 | 18.922 | VV | 3293   | 111608 | 3.40%  | 0.248% |
| 273 | 18.952 | 18.922 | 18.974 | VV | 3474   | 83942  | 2.55%  | 0.187% |
| 274 | 19.020 | 18.974 | 19.047 | VV | 9202   | 202286 | 6.16%  | 0.450% |
| 275 | 19.176 | 19.161 | 19.187 | VV | 3675   | 54832  | 1.67%  | 0.122% |
|     |        |        |        |    |        |        |        |        |
| 276 | 19.208 | 19.187 | 19.216 | VV | 3750   | 62668  | 1.91%  | 0.139% |
| 277 | 19.249 | 19.216 | 19.317 | VV | 4452   | 233362 | 7.10%  | 0.519% |
| 278 | 19.340 | 19.317 | 19.370 | VV | 3476   | 95310  | 2.90%  | 0.212% |
| 279 | 19.385 | 19.370 | 19.434 | VV | 2603   | 79310  | 2.41%  | 0.176% |
| 280 | 19.480 | 19.434 | 19.511 | VV | 8467   | 169665 | 5.16%  | 0.377% |
|     |        |        |        |    |        |        |        |        |
| 281 | 19.559 | 19.511 | 19.572 | VV | 2773   | 78787  | 2.40%  | 0.175% |
| 282 | 19.619 | 19.572 | 19.647 | VV | 3371   | 134247 | 4.09%  | 0.299% |
| 283 | 19.678 | 19.647 | 19.699 | VV | 4589   | 122160 | 3.72%  | 0.272% |
| 284 | 19.760 | 19.699 | 19.780 | VV | 6004   | 251858 | 7.66%  | 0.560% |
| 285 | 19.859 | 19.780 | 19.899 | VV | 11296  | 529224 | 16.11% | 1.177% |
|     |        |        |        |    |        |        |        |        |
| 286 | 19.910 | 19.899 | 19.934 | VV | 7487   | 153521 | 4.67%  | 0.341% |
| 287 | 19.960 | 19.934 | 19.974 | VV | 8269   | 189236 | 5.76%  | 0.421% |
| 288 | 20.008 | 19.974 | 20.019 | VV | 8699   | 228296 | 6.95%  | 0.508% |
| 289 | 20.056 | 20.019 | 20.079 | VV | 10338  | 351614 | 10.70% | 0.782% |
| 290 | 20.088 | 20.079 | 20.112 | VV | 10350  | 201915 | 6.14%  | 0.449% |
|     |        |        |        |    |        |        |        |        |
| 291 | 20.129 | 20.112 | 20.161 | VV | 10196  | 281892 | 8.58%  | 0.627% |
| 292 | 20.221 | 20.161 | 20.244 | VV | 12010  | 514913 | 15.67% | 1.145% |
| 293 | 20.335 | 20.244 | 20.357 | VV | 11988  | 739074 | 22.49% | 1.643% |
| 294 | 20.395 | 20.357 | 20.422 | VV | 13049  | 472401 | 14.38% | 1.050% |
| 295 | 20.496 | 20.422 | 20.527 | VV | 13129  | 767736 | 23.36% | 1.707% |
|     |        |        |        |    |        |        |        |        |
| 296 | 20.586 | 20.527 | 20.646 | VV | 14289  | 902344 | 27.46% | 2.006% |
| 297 | 20.710 | 20.646 | 20.749 | VV | 14103  | 786694 | 23.94% | 1.749% |
| 298 | 20.770 | 20.749 | 20.782 | VV | 12865  | 249278 | 7.59%  | 0.554% |
| 299 | 20.816 | 20.782 | 20.872 | VV | 14558  | 721566 | 21.96% | 1.604% |

|     |        |        |        |     |        |        |        |        |
|-----|--------|--------|--------|-----|--------|--------|--------|--------|
|     |        |        |        |     | rteres |        |        |        |
| 300 | 20.897 | 20.872 | 20.925 | VV  | 14218  | 417436 | 12.70% | 0.928% |
| 301 | 20.940 | 20.925 | 20.966 | VV  | 12468  | 295894 | 9.00%  | 0.658% |
| 302 | 20.992 | 20.966 | 21.061 | VV  | 13343  | 703942 | 21.42% | 1.565% |
| 303 | 21.106 | 21.061 | 21.149 | VV  | 16816  | 737005 | 22.43% | 1.639% |
| 304 | 21.174 | 21.149 | 21.204 | VV  | 14126  | 435847 | 13.26% | 0.969% |
| 305 | 21.231 | 21.204 | 21.276 | VV  | 14769  | 539683 | 16.42% | 1.200% |
| 306 | 21.442 | 21.391 | 21.467 | VV  | 11063  | 499599 | 15.20% | 1.111% |
| 307 | 21.495 | 21.467 | 21.536 | VV  | 11577  | 450574 | 13.71% | 1.002% |
| 308 | 21.553 | 21.536 | 21.624 | VV  | 10981  | 533813 | 16.25% | 1.187% |
| 309 | 21.632 | 21.624 | 21.666 | VV  | 9499   | 232279 | 7.07%  | 0.516% |
| 310 | 21.685 | 21.666 | 21.697 | VV  | 9225   | 170560 | 5.19%  | 0.379% |
| 311 | 21.704 | 21.697 | 21.787 | VV  | 9251   | 457872 | 13.93% | 1.018% |
| 312 | 21.874 | 21.787 | 21.886 | VV  | 8578   | 483913 | 14.73% | 1.076% |
| 313 | 21.907 | 21.886 | 21.919 | VV  | 8601   | 169683 | 5.16%  | 0.377% |
| 314 | 21.946 | 21.919 | 22.009 | VV  | 9161   | 459480 | 13.98% | 1.022% |
| 315 | 22.020 | 22.009 | 22.051 | VBA | 7871   | 204546 | 6.22%  | 0.455% |

Sum of corrected areas: 44972386

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