

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC111819AL\  
 Data File : FC044626.D  
 Signal(s) : FID1A.CH  
 Acq On : 19 Nov 2019 11:51  
 Sample : K5865-14DL 5X  
 Misc :  
 ALS Vial : 40 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         | 3.454       | 3.422        | 3.495      | BV       | 303            | 2105         | 0.08%          | 0.005%        |
| 2         | 3.507       | 3.495        | 3.524      | VV       | 105            | 1416         | 0.05%          | 0.003%        |
| 3         | 3.543       | 3.524        | 3.597      | PV       | 307            | 7193         | 0.26%          | 0.017%        |
| 4         | 3.608       | 3.597        | 3.637      | VV       | 196            | 2913         | 0.11%          | 0.007%        |
| 5         | 3.657       | 3.637        | 3.691      | VV       | 194            | 4457         | 0.16%          | 0.011%        |
| 6         | 3.699       | 3.691        | 3.711      | VV       | 187            | 1355         | 0.05%          | 0.003%        |
| 7         | 3.750       | 3.711        | 3.802      | VV       | 1504           | 24357        | 0.89%          | 0.058%        |
| 8         | 3.830       | 3.802        | 3.858      | VV       | 396            | 7955         | 0.29%          | 0.019%        |
| 9         | 3.883       | 3.858        | 3.922      | VV       | 218            | 6922         | 0.25%          | 0.017%        |
| 10        | 3.955       | 3.922        | 3.995      | VV       | 346            | 8205         | 0.30%          | 0.020%        |
| 11        | 4.043       | 3.995        | 4.084      | VV       | 312            | 8986         | 0.33%          | 0.022%        |
| 12        | 4.109       | 4.084        | 4.127      | VV       | 2968           | 25802        | 0.94%          | 0.062%        |
| 13        | 4.139       | 4.127        | 4.176      | VV       | 337            | 8021         | 0.29%          | 0.019%        |
| 14        | 4.183       | 4.176        | 4.201      | VV       | 262            | 3033         | 0.11%          | 0.007%        |
| 15        | 4.225       | 4.201        | 4.259      | VV       | 384            | 8636         | 0.32%          | 0.021%        |
| 16        | 4.298       | 4.259        | 4.315      | VV       | 614            | 11622        | 0.43%          | 0.028%        |
| 17        | 4.328       | 4.315        | 4.410      | VV       | 557            | 15686        | 0.57%          | 0.038%        |
| 18        | 4.466       | 4.410        | 4.505      | VV       | 288            | 10525        | 0.39%          | 0.025%        |
| 19        | 4.531       | 4.505        | 4.552      | VV       | 665            | 10166        | 0.37%          | 0.024%        |
| 20        | 4.570       | 4.552        | 4.595      | VV       | 510            | 10022        | 0.37%          | 0.024%        |
| 21        | 4.628       | 4.595        | 4.652      | VV       | 667            | 13317        | 0.49%          | 0.032%        |
| 22        | 4.677       | 4.652        | 4.694      | VV       | 3685           | 36415        | 1.33%          | 0.087%        |
| 23        | 4.709       | 4.694        | 4.737      | VV       | 3611           | 39332        | 1.44%          | 0.094%        |
| 24        | 4.754       | 4.737        | 4.774      | VV       | 834            | 14150        | 0.52%          | 0.034%        |
| 25        | 4.784       | 4.774        | 4.806      | VV       | 656            | 10033        | 0.37%          | 0.024%        |
| 26        | 4.818       | 4.806        | 4.848      | VV       | 484            | 10302        | 0.38%          | 0.025%        |
| 27        | 4.869       | 4.848        | 4.901      | VV       | 1678           | 22011        | 0.81%          | 0.053%        |
| 28        | 4.913       | 4.901        | 4.933      | VV       | 349            | 5152         | 0.19%          | 0.012%        |
| 29        | 4.953       | 4.933        | 5.009      | VV       | 321            | 9122         | 0.33%          | 0.022%        |
| 30        | 5.014       | 5.009        | 5.031      | VV       | 231            | 1983         | 0.07%          | 0.005%        |
| 31        | 5.038       | 5.031        | 5.061      | VV       | 180            | 2007         | 0.07%          | 0.005%        |
| 32        | 5.102       | 5.061        | 5.117      | VV       | 225            | 3396         | 0.12%          | 0.008%        |
| 33        | 5.139       | 5.117        | 5.159      | VV       | 167            | 3048         | 0.11%          | 0.007%        |
| 34        | 5.176       | 5.159        | 5.201      | VV       | 276            | 4768         | 0.17%          | 0.011%        |
| 35        | 5.232       | 5.201        | 5.242      | VV       | 352            | 6019         | 0.22%          | 0.014%        |
| 36        | 5.255       | 5.242        | 5.292      | VV       | 532            | 8409         | 0.31%          | 0.020%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.326 | 5.292 | 5.348 | VV | 844    | 12379 | 0.45% | 0.030% |
| 38 | 5.387 | 5.348 | 5.414 | VV | 862    | 18391 | 0.67% | 0.044% |
| 39 | 5.450 | 5.414 | 5.517 | VV | 2138   | 36350 | 1.33% | 0.087% |
| 40 | 5.530 | 5.517 | 5.547 | VV | 328    | 3293  | 0.12% | 0.008% |
| 41 | 5.573 | 5.547 | 5.601 | PV | 1707   | 19536 | 0.72% | 0.047% |
| 42 | 5.622 | 5.601 | 5.654 | VV | 650    | 12093 | 0.44% | 0.029% |
| 43 | 5.706 | 5.654 | 5.729 | VV | 1059   | 21873 | 0.80% | 0.053% |
| 44 | 5.748 | 5.729 | 5.761 | VV | 1342   | 15410 | 0.56% | 0.037% |
| 45 | 5.769 | 5.761 | 5.819 | VV | 760    | 15201 | 0.56% | 0.036% |
| 46 | 5.844 | 5.819 | 5.899 | VV | 970    | 21632 | 0.79% | 0.052% |
| 47 | 5.918 | 5.899 | 5.939 | VV | 399    | 5127  | 0.19% | 0.012% |
| 48 | 5.952 | 5.939 | 5.969 | VV | 301    | 4461  | 0.16% | 0.011% |
| 49 | 5.974 | 5.969 | 6.014 | VV | 294    | 4497  | 0.16% | 0.011% |
| 50 | 6.033 | 6.014 | 6.053 | VV | 365    | 4279  | 0.16% | 0.010% |
| 51 | 6.076 | 6.053 | 6.097 | VV | 304    | 5458  | 0.20% | 0.013% |
| 52 | 6.133 | 6.097 | 6.159 | VV | 1319   | 20726 | 0.76% | 0.050% |
| 53 | 6.186 | 6.159 | 6.204 | VV | 440    | 7546  | 0.28% | 0.018% |
| 54 | 6.216 | 6.204 | 6.245 | VV | 295    | 4546  | 0.17% | 0.011% |
| 55 | 6.269 | 6.245 | 6.297 | VV | 738    | 11495 | 0.42% | 0.028% |
| 56 | 6.347 | 6.297 | 6.389 | VV | 366    | 12478 | 0.46% | 0.030% |
| 57 | 6.419 | 6.389 | 6.467 | VV | 1304   | 22234 | 0.81% | 0.053% |
| 58 | 6.501 | 6.467 | 6.528 | VV | 324    | 7078  | 0.26% | 0.017% |
| 59 | 6.556 | 6.528 | 6.599 | VV | 1342   | 19141 | 0.70% | 0.046% |
| 60 | 6.607 | 6.599 | 6.632 | VV | 186    | 1533  | 0.06% | 0.004% |
| 61 | 6.646 | 6.632 | 6.654 | VV | 146    | 1182  | 0.04% | 0.003% |
| 62 | 6.677 | 6.654 | 6.687 | VV | 315    | 3513  | 0.13% | 0.008% |
| 63 | 6.705 | 6.687 | 6.729 | VV | 673    | 7602  | 0.28% | 0.018% |
| 64 | 6.756 | 6.729 | 6.797 | VV | 335    | 7004  | 0.26% | 0.017% |
| 65 | 6.838 | 6.797 | 6.858 | VV | 337    | 7065  | 0.26% | 0.017% |
| 66 | 6.883 | 6.858 | 6.927 | PV | 2900   | 33780 | 1.24% | 0.081% |
| 67 | 6.966 | 6.927 | 6.986 | VV | 635    | 11635 | 0.43% | 0.028% |
| 68 | 6.999 | 6.986 | 7.021 | VV | 342    | 6183  | 0.23% | 0.015% |
| 69 | 7.032 | 7.021 | 7.046 | VV | 289    | 4180  | 0.15% | 0.010% |
| 70 | 7.064 | 7.046 | 7.104 | VV | 1088   | 20010 | 0.73% | 0.048% |
| 71 | 7.120 | 7.104 | 7.146 | VV | 485    | 9477  | 0.35% | 0.023% |
| 72 | 7.158 | 7.146 | 7.170 | VV | 406    | 5447  | 0.20% | 0.013% |
| 73 | 7.191 | 7.170 | 7.242 | VV | 1561   | 26361 | 0.97% | 0.063% |
| 74 | 7.259 | 7.242 | 7.274 | VV | 670    | 7840  | 0.29% | 0.019% |
| 75 | 7.286 | 7.274 | 7.306 | VV | 386    | 3832  | 0.14% | 0.009% |
| 76 | 7.327 | 7.306 | 7.352 | VV | 1130   | 13994 | 0.51% | 0.034% |
| 77 | 7.360 | 7.352 | 7.387 | VV | 371    | 4475  | 0.16% | 0.011% |
| 78 | 7.398 | 7.387 | 7.429 | VV | 296    | 4417  | 0.16% | 0.011% |
| 79 | 7.444 | 7.429 | 7.454 | VV | 266    | 3509  | 0.13% | 0.008% |
| 80 | 7.480 | 7.454 | 7.515 | VV | 2258   | 28261 | 1.03% | 0.068% |
| 81 | 7.544 | 7.515 | 7.569 | VV | 430    | 8100  | 0.30% | 0.019% |
| 82 | 7.576 | 7.569 | 7.592 | VV | 190    | 2173  | 0.08% | 0.005% |
| 83 | 7.602 | 7.592 | 7.622 | VV | 131    | 1859  | 0.07% | 0.004% |
| 84 | 7.658 | 7.622 | 7.709 | VV | 452    | 10935 | 0.40% | 0.026% |
| 85 | 7.715 | 7.709 | 7.751 | VV | 87     | 1152  | 0.04% | 0.003% |
| 86 | 7.796 | 7.751 | 7.808 | PV | 243    | 4935  | 0.18% | 0.012% |
| 87 | 7.823 | 7.808 | 7.839 | VV | 282    | 4103  | 0.15% | 0.010% |
| 88 | 7.849 | 7.839 | 7.860 | VV | 265    | 2322  | 0.09% | 0.006% |
| 89 | 7.880 | 7.860 | 7.895 | VV | 259    | 3870  | 0.14% | 0.009% |

|     |        |        |        |    |        |       |       |        |
|-----|--------|--------|--------|----|--------|-------|-------|--------|
|     |        |        |        |    | rteres |       |       |        |
| 90  | 7.932  | 7.895  | 7.947  | VV | 586    | 12390 | 0.45% | 0.030% |
| 91  | 7.960  | 7.947  | 7.982  | VV | 393    | 5587  | 0.20% | 0.013% |
| 92  | 8.001  | 7.982  | 8.026  | VV | 409    | 5301  | 0.19% | 0.013% |
| 93  | 8.048  | 8.026  | 8.060  | PV | 522    | 5674  | 0.21% | 0.014% |
| 94  | 8.101  | 8.060  | 8.152  | VV | 781    | 19431 | 0.71% | 0.047% |
| 95  | 8.172  | 8.152  | 8.199  | VV | 1503   | 22303 | 0.82% | 0.054% |
| 96  | 8.211  | 8.199  | 8.221  | VV | 304    | 3639  | 0.13% | 0.009% |
| 97  | 8.242  | 8.221  | 8.256  | VV | 517    | 7892  | 0.29% | 0.019% |
| 98  | 8.290  | 8.256  | 8.306  | VV | 1420   | 21946 | 0.80% | 0.053% |
| 99  | 8.317  | 8.306  | 8.331  | VV | 1213   | 13563 | 0.50% | 0.033% |
| 100 | 8.350  | 8.331  | 8.386  | VV | 3244   | 42030 | 1.54% | 0.101% |
| 101 | 8.414  | 8.386  | 8.436  | VV | 4410   | 48211 | 1.77% | 0.116% |
| 102 | 8.474  | 8.436  | 8.511  | VV | 1143   | 25891 | 0.95% | 0.062% |
| 103 | 8.526  | 8.511  | 8.553  | VV | 774    | 11142 | 0.41% | 0.027% |
| 104 | 8.605  | 8.553  | 8.667  | VV | 2507   | 42946 | 1.57% | 0.103% |
| 105 | 8.718  | 8.667  | 8.741  | PV | 463    | 8597  | 0.31% | 0.021% |
| 106 | 8.770  | 8.741  | 8.794  | VV | 1210   | 21904 | 0.80% | 0.053% |
| 107 | 8.819  | 8.794  | 8.859  | VV | 1074   | 25941 | 0.95% | 0.062% |
| 108 | 8.886  | 8.859  | 8.908  | VV | 2142   | 28412 | 1.04% | 0.068% |
| 109 | 8.937  | 8.908  | 8.954  | VV | 425    | 9003  | 0.33% | 0.022% |
| 110 | 8.976  | 8.954  | 8.986  | VV | 325    | 5294  | 0.19% | 0.013% |
| 111 | 9.005  | 8.986  | 9.026  | VV | 754    | 11406 | 0.42% | 0.027% |
| 112 | 9.041  | 9.026  | 9.061  | VV | 947    | 11625 | 0.43% | 0.028% |
| 113 | 9.079  | 9.061  | 9.099  | VV | 573    | 10120 | 0.37% | 0.024% |
| 114 | 9.128  | 9.099  | 9.142  | VV | 565    | 9887  | 0.36% | 0.024% |
| 115 | 9.173  | 9.142  | 9.200  | VV | 4258   | 53148 | 1.95% | 0.128% |
| 116 | 9.217  | 9.200  | 9.244  | VV | 870    | 12082 | 0.44% | 0.029% |
| 117 | 9.256  | 9.244  | 9.295  | VV | 278    | 5754  | 0.21% | 0.014% |
| 118 | 9.334  | 9.295  | 9.352  | PV | 756    | 10035 | 0.37% | 0.024% |
| 119 | 9.366  | 9.352  | 9.392  | VV | 468    | 5708  | 0.21% | 0.014% |
| 120 | 9.414  | 9.392  | 9.436  | VV | 312    | 4418  | 0.16% | 0.011% |
| 121 | 9.470  | 9.436  | 9.492  | VV | 720    | 10771 | 0.39% | 0.026% |
| 122 | 9.508  | 9.492  | 9.529  | VV | 332    | 4717  | 0.17% | 0.011% |
| 123 | 9.553  | 9.529  | 9.602  | VV | 1732   | 31263 | 1.14% | 0.075% |
| 124 | 9.634  | 9.602  | 9.661  | VV | 1086   | 20310 | 0.74% | 0.049% |
| 125 | 9.677  | 9.661  | 9.690  | VV | 683    | 7655  | 0.28% | 0.018% |
| 126 | 9.705  | 9.690  | 9.721  | VV | 599    | 8614  | 0.32% | 0.021% |
| 127 | 9.731  | 9.721  | 9.747  | VV | 664    | 7340  | 0.27% | 0.018% |
| 128 | 9.758  | 9.747  | 9.774  | VV | 336    | 4588  | 0.17% | 0.011% |
| 129 | 9.791  | 9.774  | 9.810  | VV | 538    | 7284  | 0.27% | 0.017% |
| 130 | 9.832  | 9.810  | 9.852  | VV | 312    | 4048  | 0.15% | 0.010% |
| 131 | 9.874  | 9.852  | 9.902  | PV | 749    | 14678 | 0.54% | 0.035% |
| 132 | 9.952  | 9.902  | 10.002 | VV | 5051   | 77659 | 2.84% | 0.186% |
| 133 | 10.017 | 10.002 | 10.027 | VV | 283    | 3631  | 0.13% | 0.009% |
| 134 | 10.058 | 10.027 | 10.086 | VV | 475    | 11014 | 0.40% | 0.026% |
| 135 | 10.105 | 10.086 | 10.116 | VV | 391    | 4408  | 0.16% | 0.011% |
| 136 | 10.131 | 10.116 | 10.180 | VV | 502    | 8136  | 0.30% | 0.020% |
| 137 | 10.227 | 10.180 | 10.261 | VV | 425    | 8219  | 0.30% | 0.020% |
| 138 | 10.298 | 10.261 | 10.312 | PV | 828    | 13462 | 0.49% | 0.032% |
| 139 | 10.341 | 10.312 | 10.370 | VV | 2537   | 37501 | 1.37% | 0.090% |
| 140 | 10.406 | 10.370 | 10.419 | VV | 837    | 18217 | 0.67% | 0.044% |
| 141 | 10.431 | 10.419 | 10.457 | VV | 1250   | 16133 | 0.59% | 0.039% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 142 | 10.480 | 10.457 | 10.515 | VV | 1981   | 29270  | 1.07%  | 0.070% |
| 143 | 10.541 | 10.515 | 10.566 | VV | 2256   | 33607  | 1.23%  | 0.081% |
| 144 | 10.602 | 10.566 | 10.621 | VV | 3197   | 53954  | 1.98%  | 0.130% |
| 145 | 10.629 | 10.621 | 10.646 | VV | 1735   | 21158  | 0.77%  | 0.051% |
|     |        |        |        |    |        |        |        |        |
| 146 | 10.762 | 10.717 | 10.782 | VV | 4705   | 87795  | 3.22%  | 0.211% |
| 147 | 10.797 | 10.782 | 10.842 | VV | 1908   | 43084  | 1.58%  | 0.103% |
| 148 | 10.860 | 10.842 | 10.884 | VV | 2139   | 28854  | 1.06%  | 0.069% |
| 149 | 10.919 | 10.884 | 10.935 | VV | 1427   | 25953  | 0.95%  | 0.062% |
| 150 | 10.958 | 10.935 | 10.986 | VV | 8238   | 95011  | 3.48%  | 0.228% |
|     |        |        |        |    |        |        |        |        |
| 151 | 11.033 | 10.986 | 11.057 | VV | 3717   | 56302  | 2.06%  | 0.135% |
| 152 | 11.085 | 11.057 | 11.132 | VV | 1015   | 32711  | 1.20%  | 0.079% |
| 153 | 11.144 | 11.132 | 11.165 | VV | 761    | 10172  | 0.37%  | 0.024% |
| 154 | 11.199 | 11.165 | 11.224 | VV | 675    | 13565  | 0.50%  | 0.033% |
| 155 | 11.245 | 11.224 | 11.290 | VV | 1123   | 19047  | 0.70%  | 0.046% |
|     |        |        |        |    |        |        |        |        |
| 156 | 11.322 | 11.290 | 11.339 | VV | 621    | 11580  | 0.42%  | 0.028% |
| 157 | 11.355 | 11.339 | 11.369 | VV | 473    | 7521   | 0.28%  | 0.018% |
| 158 | 11.393 | 11.369 | 11.418 | VV | 5350   | 68793  | 2.52%  | 0.165% |
| 159 | 11.433 | 11.418 | 11.455 | VV | 660    | 12437  | 0.46%  | 0.030% |
| 160 | 11.485 | 11.455 | 11.513 | VV | 2905   | 47482  | 1.74%  | 0.114% |
|     |        |        |        |    |        |        |        |        |
| 161 | 11.531 | 11.513 | 11.572 | VV | 1330   | 23897  | 0.88%  | 0.057% |
| 162 | 11.592 | 11.572 | 11.624 | PV | 563    | 11289  | 0.41%  | 0.027% |
| 163 | 11.642 | 11.624 | 11.667 | VV | 532    | 9025   | 0.33%  | 0.022% |
| 164 | 11.721 | 11.667 | 11.747 | VV | 78204  | 835066 | 30.58% | 2.005% |
| 165 | 11.762 | 11.747 | 11.776 | VV | 1918   | 24480  | 0.90%  | 0.059% |
|     |        |        |        |    |        |        |        |        |
| 166 | 11.793 | 11.776 | 11.816 | VV | 2809   | 34202  | 1.25%  | 0.082% |
| 167 | 11.879 | 11.816 | 11.894 | VV | 1894   | 41395  | 1.52%  | 0.099% |
| 168 | 11.910 | 11.894 | 11.927 | VV | 1687   | 21170  | 0.78%  | 0.051% |
| 169 | 11.942 | 11.927 | 11.966 | VV | 1557   | 18325  | 0.67%  | 0.044% |
| 170 | 12.063 | 11.966 | 12.104 | PV | 5359   | 87526  | 3.21%  | 0.210% |
|     |        |        |        |    |        |        |        |        |
| 171 | 12.119 | 12.104 | 12.136 | VV | 963    | 11883  | 0.44%  | 0.029% |
| 172 | 12.158 | 12.136 | 12.191 | VV | 1034   | 18350  | 0.67%  | 0.044% |
| 173 | 12.197 | 12.191 | 12.209 | VV | 379    | 2760   | 0.10%  | 0.007% |
| 174 | 12.231 | 12.209 | 12.251 | VV | 1038   | 13126  | 0.48%  | 0.032% |
| 175 | 12.308 | 12.251 | 12.359 | VV | 3059   | 62944  | 2.31%  | 0.151% |
|     |        |        |        |    |        |        |        |        |
| 176 | 12.371 | 12.359 | 12.392 | VV | 705    | 10381  | 0.38%  | 0.025% |
| 177 | 12.401 | 12.392 | 12.416 | VV | 444    | 5156   | 0.19%  | 0.012% |
| 178 | 12.441 | 12.416 | 12.456 | VV | 757    | 12853  | 0.47%  | 0.031% |
| 179 | 12.476 | 12.456 | 12.492 | VV | 1188   | 18257  | 0.67%  | 0.044% |
| 180 | 12.513 | 12.492 | 12.541 | VV | 2217   | 36198  | 1.33%  | 0.087% |
|     |        |        |        |    |        |        |        |        |
| 181 | 12.554 | 12.541 | 12.592 | VV | 802    | 20248  | 0.74%  | 0.049% |
| 182 | 12.617 | 12.592 | 12.637 | VV | 852    | 15728  | 0.58%  | 0.038% |
| 183 | 12.674 | 12.637 | 12.687 | VV | 3290   | 59947  | 2.20%  | 0.144% |
| 184 | 12.702 | 12.687 | 12.748 | VV | 6134   | 96775  | 3.54%  | 0.232% |
| 185 | 12.779 | 12.748 | 12.812 | VV | 11888  | 138805 | 5.08%  | 0.333% |
|     |        |        |        |    |        |        |        |        |
| 186 | 12.822 | 12.812 | 12.847 | VV | 434    | 7643   | 0.28%  | 0.018% |
| 187 | 12.886 | 12.847 | 12.912 | VV | 4593   | 71131  | 2.60%  | 0.171% |
| 188 | 12.942 | 12.912 | 12.961 | VV | 1810   | 36537  | 1.34%  | 0.088% |
| 189 | 12.974 | 12.961 | 12.995 | VV | 1229   | 21311  | 0.78%  | 0.051% |
| 190 | 13.014 | 12.995 | 13.039 | VV | 982    | 18229  | 0.67%  | 0.044% |
|     |        |        |        |    |        |        |        |        |
| 191 | 13.080 | 13.039 | 13.121 | VV | 12605  | 226794 | 8.31%  | 0.544% |
| 192 | 13.151 | 13.121 | 13.199 | VV | 54283  | 682211 | 24.98% | 1.638% |
| 193 | 13.217 | 13.199 | 13.235 | VV | 3422   | 46413  | 1.70%  | 0.111% |
| 194 | 13.249 | 13.235 | 13.292 | VV | 1585   | 33060  | 1.21%  | 0.079% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 195 | 13.316 | 13.292 | 13.374 | VV | 5806   | 98049  | 3.59%  | 0.235% |
| 196 | 13.391 | 13.374 | 13.399 | VV | 1274   | 15772  | 0.58%  | 0.038% |
| 197 | 13.414 | 13.399 | 13.459 | VV | 1336   | 34431  | 1.26%  | 0.083% |
| 198 | 13.488 | 13.459 | 13.517 | VV | 1221   | 29621  | 1.08%  | 0.071% |
| 199 | 13.546 | 13.517 | 13.567 | VV | 1611   | 33651  | 1.23%  | 0.081% |
| 200 | 13.580 | 13.567 | 13.622 | VV | 1167   | 26531  | 0.97%  | 0.064% |
| 201 | 13.667 | 13.622 | 13.707 | VV | 2433   | 42861  | 1.57%  | 0.103% |
| 202 | 13.740 | 13.707 | 13.759 | VV | 637    | 14688  | 0.54%  | 0.035% |
| 203 | 13.778 | 13.759 | 13.794 | VV | 1343   | 17539  | 0.64%  | 0.042% |
| 204 | 13.816 | 13.794 | 13.874 | VV | 3467   | 54224  | 1.99%  | 0.130% |
| 205 | 13.902 | 13.874 | 13.937 | VV | 8251   | 115412 | 4.23%  | 0.277% |
| 206 | 13.945 | 13.937 | 13.969 | VV | 1423   | 18139  | 0.66%  | 0.044% |
| 207 | 13.990 | 13.969 | 14.036 | VV | 1388   | 34392  | 1.26%  | 0.083% |
| 208 | 14.058 | 14.036 | 14.077 | VV | 441    | 6201   | 0.23%  | 0.015% |
| 209 | 14.127 | 14.077 | 14.167 | PV | 1401   | 33814  | 1.24%  | 0.081% |
| 210 | 14.204 | 14.167 | 14.253 | VV | 6240   | 105369 | 3.86%  | 0.253% |
| 211 | 14.304 | 14.253 | 14.317 | VV | 1175   | 31885  | 1.17%  | 0.077% |
| 212 | 14.320 | 14.317 | 14.331 | VV | 1139   | 8085   | 0.30%  | 0.019% |
| 213 | 14.338 | 14.331 | 14.355 | VV | 1104   | 14127  | 0.52%  | 0.034% |
| 214 | 14.377 | 14.355 | 14.388 | VV | 1490   | 23519  | 0.86%  | 0.056% |
| 215 | 14.403 | 14.388 | 14.421 | VV | 1906   | 28544  | 1.05%  | 0.069% |
| 216 | 14.464 | 14.421 | 14.489 | VV | 10904  | 165294 | 6.05%  | 0.397% |
| 217 | 14.521 | 14.489 | 14.546 | VV | 2484   | 59524  | 2.18%  | 0.143% |
| 218 | 14.584 | 14.546 | 14.622 | VV | 2432   | 78699  | 2.88%  | 0.189% |
| 219 | 14.648 | 14.622 | 14.669 | VV | 2715   | 57633  | 2.11%  | 0.138% |
| 220 | 14.705 | 14.669 | 14.728 | VV | 2621   | 77280  | 2.83%  | 0.186% |
| 221 | 14.743 | 14.728 | 14.753 | VV | 1897   | 27297  | 1.00%  | 0.066% |
| 222 | 14.772 | 14.753 | 14.797 | VV | 2239   | 49895  | 1.83%  | 0.120% |
| 223 | 14.813 | 14.797 | 14.832 | VV | 2291   | 43128  | 1.58%  | 0.104% |
| 224 | 14.858 | 14.832 | 14.881 | VV | 2192   | 57026  | 2.09%  | 0.137% |
| 225 | 14.909 | 14.881 | 14.925 | VV | 2311   | 53628  | 1.96%  | 0.129% |
| 226 | 14.957 | 14.925 | 14.979 | VV | 7273   | 127306 | 4.66%  | 0.306% |
| 227 | 15.003 | 14.979 | 15.037 | VV | 19061  | 287917 | 10.54% | 0.691% |
| 228 | 15.048 | 15.037 | 15.091 | VV | 2318   | 61984  | 2.27%  | 0.149% |
| 229 | 15.138 | 15.091 | 15.176 | VV | 2538   | 93905  | 3.44%  | 0.225% |
| 230 | 15.196 | 15.176 | 15.234 | VV | 1777   | 37486  | 1.37%  | 0.090% |
| 231 | 15.260 | 15.234 | 15.280 | VV | 1272   | 25674  | 0.94%  | 0.062% |
| 232 | 15.292 | 15.280 | 15.306 | VV | 880    | 11726  | 0.43%  | 0.028% |
| 233 | 15.339 | 15.306 | 15.362 | VV | 1074   | 24725  | 0.91%  | 0.059% |
| 234 | 15.389 | 15.362 | 15.496 | VV | 4857   | 127635 | 4.67%  | 0.306% |
| 235 | 15.525 | 15.496 | 15.576 | VV | 12298  | 204041 | 7.47%  | 0.490% |
| 236 | 15.631 | 15.576 | 15.651 | VV | 1627   | 34035  | 1.25%  | 0.082% |
| 237 | 15.667 | 15.651 | 15.688 | VV | 836    | 7953   | 0.29%  | 0.019% |
| 238 | 15.713 | 15.688 | 15.747 | PV | 474    | 9190   | 0.34%  | 0.022% |
| 239 | 15.794 | 15.747 | 15.817 | VV | 1206   | 22101  | 0.81%  | 0.053% |
| 240 | 15.846 | 15.817 | 15.884 | PV | 847    | 20240  | 0.74%  | 0.049% |
| 241 | 15.915 | 15.884 | 15.937 | VV | 579    | 12085  | 0.44%  | 0.029% |
| 242 | 15.952 | 15.937 | 15.968 | VV | 830    | 8840   | 0.32%  | 0.021% |
| 243 | 15.986 | 15.968 | 15.998 | VV | 738    | 8625   | 0.32%  | 0.021% |
| 244 | 16.025 | 15.998 | 16.057 | VV | 12090  | 164545 | 6.03%  | 0.395% |
| 245 | 16.077 | 16.057 | 16.106 | VV | 1018   | 18663  | 0.68%  | 0.045% |
| 246 | 16.157 | 16.106 | 16.174 | PV | 459    | 13129  | 0.48%  | 0.032% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 247 | 16.247 | 16.174 | 16.271 | VV | 1306   | 36206  | 1.33%  | 0.087% |
| 248 | 16.337 | 16.271 | 16.362 | VV | 1560   | 37724  | 1.38%  | 0.091% |
| 249 | 16.389 | 16.362 | 16.432 | VV | 3569   | 77605  | 2.84%  | 0.186% |
| 250 | 16.450 | 16.432 | 16.474 | VV | 1384   | 24250  | 0.89%  | 0.058% |
|     |        |        |        |    |        |        |        |        |
| 251 | 16.512 | 16.474 | 16.568 | VV | 15534  | 294879 | 10.80% | 0.708% |
| 252 | 16.597 | 16.568 | 16.611 | VV | 1701   | 35594  | 1.30%  | 0.085% |
| 253 | 16.648 | 16.611 | 16.660 | VV | 2393   | 49066  | 1.80%  | 0.118% |
| 254 | 16.680 | 16.660 | 16.694 | VV | 2484   | 40760  | 1.49%  | 0.098% |
| 255 | 16.709 | 16.694 | 16.721 | VV | 2513   | 32511  | 1.19%  | 0.078% |
|     |        |        |        |    |        |        |        |        |
| 256 | 16.738 | 16.721 | 16.761 | VV | 1978   | 40856  | 1.50%  | 0.098% |
| 257 | 16.772 | 16.761 | 16.789 | VV | 1935   | 28986  | 1.06%  | 0.070% |
| 258 | 16.814 | 16.789 | 16.822 | VV | 2997   | 50386  | 1.85%  | 0.121% |
| 259 | 16.845 | 16.822 | 16.865 | VV | 5568   | 98584  | 3.61%  | 0.237% |
| 260 | 16.896 | 16.865 | 16.934 | VV | 5109   | 109079 | 3.99%  | 0.262% |
|     |        |        |        |    |        |        |        |        |
| 261 | 16.976 | 16.934 | 17.000 | VV | 11849  | 197121 | 7.22%  | 0.473% |
| 262 | 17.023 | 17.000 | 17.079 | VV | 3632   | 92509  | 3.39%  | 0.222% |
| 263 | 17.107 | 17.079 | 17.121 | PV | 1319   | 21715  | 0.80%  | 0.052% |
| 264 | 17.134 | 17.121 | 17.144 | VV | 1389   | 16694  | 0.61%  | 0.040% |
| 265 | 17.153 | 17.144 | 17.177 | VV | 1231   | 21435  | 0.78%  | 0.051% |
|     |        |        |        |    |        |        |        |        |
| 266 | 17.245 | 17.177 | 17.255 | VV | 2868   | 79320  | 2.90%  | 0.190% |
| 267 | 17.270 | 17.255 | 17.282 | VV | 3209   | 40044  | 1.47%  | 0.096% |
| 268 | 17.304 | 17.282 | 17.316 | VV | 2550   | 45269  | 1.66%  | 0.109% |
| 269 | 17.323 | 17.316 | 17.339 | VV | 2629   | 30254  | 1.11%  | 0.073% |
| 270 | 17.367 | 17.339 | 17.401 | VV | 5465   | 120759 | 4.42%  | 0.290% |
|     |        |        |        |    |        |        |        |        |
| 271 | 17.426 | 17.401 | 17.462 | VV | 13260  | 229312 | 8.40%  | 0.551% |
| 272 | 17.489 | 17.462 | 17.497 | VV | 2999   | 49325  | 1.81%  | 0.118% |
| 273 | 17.512 | 17.497 | 17.530 | VV | 3772   | 60573  | 2.22%  | 0.145% |
| 274 | 17.562 | 17.530 | 17.596 | VV | 5202   | 122212 | 4.48%  | 0.293% |
| 275 | 17.619 | 17.596 | 17.630 | VV | 2906   | 52302  | 1.92%  | 0.126% |
|     |        |        |        |    |        |        |        |        |
| 276 | 17.639 | 17.630 | 17.661 | VV | 2664   | 45460  | 1.66%  | 0.109% |
| 277 | 17.672 | 17.661 | 17.686 | VV | 2808   | 33471  | 1.23%  | 0.080% |
| 278 | 17.721 | 17.686 | 17.734 | VV | 3530   | 75772  | 2.77%  | 0.182% |
| 279 | 17.749 | 17.734 | 17.771 | VV | 2748   | 49301  | 1.81%  | 0.118% |
| 280 | 17.788 | 17.771 | 17.796 | VV | 2939   | 36630  | 1.34%  | 0.088% |
|     |        |        |        |    |        |        |        |        |
| 281 | 17.815 | 17.796 | 17.836 | VV | 5336   | 96625  | 3.54%  | 0.232% |
| 282 | 17.864 | 17.836 | 17.882 | VV | 11917  | 213261 | 7.81%  | 0.512% |
| 283 | 17.893 | 17.882 | 17.915 | VV | 7084   | 104753 | 3.84%  | 0.251% |
| 284 | 17.927 | 17.915 | 17.941 | VV | 4488   | 60955  | 2.23%  | 0.146% |
| 285 | 17.948 | 17.941 | 17.986 | VV | 3925   | 94917  | 3.48%  | 0.228% |
|     |        |        |        |    |        |        |        |        |
| 286 | 18.035 | 17.986 | 18.051 | VV | 6747   | 183327 | 6.71%  | 0.440% |
| 287 | 18.061 | 18.051 | 18.095 | VV | 5542   | 121550 | 4.45%  | 0.292% |
| 288 | 18.127 | 18.095 | 18.144 | VV | 5232   | 133831 | 4.90%  | 0.321% |
| 289 | 18.173 | 18.144 | 18.189 | VV | 6711   | 152746 | 5.59%  | 0.367% |
| 290 | 18.202 | 18.189 | 18.210 | VV | 6350   | 72410  | 2.65%  | 0.174% |
|     |        |        |        |    |        |        |        |        |
| 291 | 18.235 | 18.210 | 18.249 | VV | 7660   | 148726 | 5.45%  | 0.357% |
| 292 | 18.286 | 18.249 | 18.342 | VV | 12807  | 406021 | 14.87% | 0.975% |
| 293 | 18.368 | 18.342 | 18.381 | VV | 7444   | 130534 | 4.78%  | 0.313% |
| 294 | 18.404 | 18.381 | 18.424 | VV | 9368   | 213807 | 7.83%  | 0.513% |
| 295 | 18.443 | 18.424 | 18.460 | VV | 7922   | 152290 | 5.58%  | 0.366% |
|     |        |        |        |    |        |        |        |        |
| 296 | 18.473 | 18.460 | 18.484 | VV | 7229   | 91499  | 3.35%  | 0.220% |
| 297 | 18.522 | 18.484 | 18.536 | VV | 9806   | 214092 | 7.84%  | 0.514% |
| 298 | 18.564 | 18.536 | 18.586 | VV | 8196   | 218762 | 8.01%  | 0.525% |
| 299 | 18.594 | 18.586 | 18.634 | VV | 8961   | 197980 | 7.25%  | 0.475% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 300 | 18.651 | 18.634 | 18.662 | VV | 7206   | 107189  | 3.93%   | 0.257% |
| 301 | 18.694 | 18.662 | 18.726 | VV | 13044  | 329177  | 12.05%  | 0.790% |
| 302 | 18.743 | 18.726 | 18.759 | VV | 7994   | 146070  | 5.35%   | 0.351% |
| 303 | 18.819 | 18.759 | 18.842 | VV | 10615  | 409364  | 14.99%  | 0.983% |
| 304 | 18.851 | 18.842 | 18.859 | VV | 10004  | 92461   | 3.39%   | 0.222% |
| 305 | 18.884 | 18.859 | 18.909 | VV | 10303  | 265365  | 9.72%   | 0.637% |
| 306 | 18.928 | 18.909 | 18.937 | VV | 10023  | 150060  | 5.50%   | 0.360% |
| 307 | 18.961 | 18.937 | 18.984 | VV | 10326  | 259410  | 9.50%   | 0.623% |
| 308 | 18.999 | 18.984 | 19.009 | VV | 11632  | 148556  | 5.44%   | 0.357% |
| 309 | 19.061 | 19.009 | 19.074 | VV | 11513  | 415160  | 15.20%  | 0.997% |
| 310 | 19.098 | 19.074 | 19.129 | VV | 14443  | 402941  | 14.76%  | 0.967% |
| 311 | 19.142 | 19.129 | 19.169 | VV | 10782  | 242021  | 8.86%   | 0.581% |
| 312 | 19.234 | 19.169 | 19.244 | VV | 13546  | 513619  | 18.81%  | 1.233% |
| 313 | 19.273 | 19.244 | 19.295 | VV | 15327  | 428133  | 15.68%  | 1.028% |
| 314 | 19.314 | 19.295 | 19.322 | VV | 17703  | 248686  | 9.11%   | 0.597% |
| 315 | 19.356 | 19.322 | 19.377 | VV | 17071  | 545542  | 19.98%  | 1.310% |
| 316 | 19.394 | 19.377 | 19.417 | VV | 18899  | 402149  | 14.73%  | 0.965% |
| 317 | 19.433 | 19.417 | 19.456 | VV | 16047  | 354984  | 13.00%  | 0.852% |
| 318 | 19.473 | 19.456 | 19.497 | VV | 18430  | 406100  | 14.87%  | 0.975% |
| 319 | 19.532 | 19.497 | 19.547 | VV | 18367  | 477405  | 17.48%  | 1.146% |
| 320 | 19.596 | 19.547 | 19.632 | VV | 22095  | 949506  | 34.77%  | 2.280% |
| 321 | 19.646 | 19.632 | 19.657 | VV | 22299  | 293978  | 10.77%  | 0.706% |
| 322 | 19.668 | 19.657 | 19.678 | VV | 19220  | 231725  | 8.49%   | 0.556% |
| 323 | 19.686 | 19.678 | 19.694 | VV | 20651  | 189316  | 6.93%   | 0.455% |
| 324 | 19.718 | 19.694 | 19.725 | VV | 21098  | 363449  | 13.31%  | 0.873% |
| 325 | 19.734 | 19.725 | 19.742 | VV | 21316  | 201595  | 7.38%   | 0.484% |
| 326 | 19.764 | 19.742 | 19.777 | VV | 21733  | 433321  | 15.87%  | 1.040% |
| 327 | 19.783 | 19.777 | 19.793 | VV | 21021  | 193893  | 7.10%   | 0.465% |
| 328 | 19.858 | 19.793 | 19.894 | VV | 28106  | 1425421 | 52.20%  | 3.422% |
| 329 | 19.903 | 19.894 | 19.925 | VV | 25817  | 454078  | 16.63%  | 1.090% |
| 330 | 19.939 | 19.925 | 19.952 | VV | 24839  | 364215  | 13.34%  | 0.874% |
| 331 | 19.967 | 19.952 | 19.999 | VV | 22481  | 598250  | 21.91%  | 1.436% |
| 332 | 20.033 | 19.999 | 20.040 | VV | 27165  | 588566  | 21.55%  | 1.413% |
| 333 | 20.064 | 20.040 | 20.072 | VV | 29071  | 526182  | 19.27%  | 1.263% |
| 334 | 20.088 | 20.072 | 20.099 | VV | 29463  | 447400  | 16.38%  | 1.074% |
| 335 | 20.121 | 20.099 | 20.131 | VV | 28891  | 526013  | 19.26%  | 1.263% |
| 336 | 20.139 | 20.131 | 20.172 | VV | 28013  | 637246  | 23.34%  | 1.530% |
| 337 | 20.179 | 20.172 | 20.192 | VV | 24635  | 273208  | 10.00%  | 0.656% |
| 338 | 20.205 | 20.192 | 20.212 | VV | 25473  | 290093  | 10.62%  | 0.696% |
| 339 | 20.234 | 20.212 | 20.247 | VV | 26375  | 531039  | 19.45%  | 1.275% |
| 340 | 20.252 | 20.247 | 20.260 | VV | 26728  | 181070  | 6.63%   | 0.435% |
| 341 | 20.271 | 20.260 | 20.283 | VV | 29055  | 381035  | 13.95%  | 0.915% |
| 342 | 20.347 | 20.283 | 20.424 | VV | 37197  | 2730731 | 100.00% | 6.556% |
| 343 | 20.433 | 20.424 | 20.471 | VV | 28576  | 728741  | 26.69%  | 1.750% |
| 344 | 20.596 | 20.471 | 20.609 | VV | 35471  | 2392691 | 87.62%  | 5.744% |
| 345 | 20.616 | 20.609 | 20.639 | VV | 34128  | 574100  | 21.02%  | 1.378% |
| 346 | 20.650 | 20.639 | 20.691 | VV | 32568  | 887067  | 32.48%  | 2.130% |
| 347 | 20.699 | 20.691 | 20.728 | VV | 24323  | 485002  | 17.76%  | 1.164% |
| 348 | 20.735 | 20.728 | 20.757 | VV | 20685  | 330326  | 12.10%  | 0.793% |
| 349 | 20.764 | 20.757 | 20.772 | VV | 18930  | 158825  | 5.82%   | 0.381% |
| 350 | 20.781 | 20.772 | 20.794 | VV | 18604  | 221732  | 8.12%   | 0.532% |
| 351 | 20.870 | 20.794 | 20.886 | VV | 28137  | 1222746 | 44.78%  | 2.936% |

rters  
352 20.897 20.886 21.047 VV 27189 2097533 76.81% 5.036%  
Sum of corrected areas: 41653745

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