

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD060519AL\  
 Data File : FD029367.D  
 Signal(s) : FID2B.CH  
 Acq On : 05 Jun 2019 21:48  
 Sample : K3183-11  
 Misc :  
 ALS Vial : 66 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 051619.M  
 Title : GC Extractables

Signal : FID2B.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         | 3.419       | 3.355        | 3.476      | BV       | 334            | 5412         | 0.20%          | 0.009%        |
| 2         | 3.545       | 3.476        | 3.572      | PV       | 159            | 4232         | 0.16%          | 0.007%        |
| 3         | 3.697       | 3.572        | 3.715      | VV       | 357            | 10904        | 0.40%          | 0.017%        |
| 4         | 3.725       | 3.715        | 3.785      | VV       | 527            | 9506         | 0.35%          | 0.015%        |
| 5         | 3.802       | 3.785        | 3.851      | VV       | 295            | 9163         | 0.34%          | 0.015%        |
| 6         | 3.869       | 3.851        | 3.904      | VV       | 297            | 5935         | 0.22%          | 0.009%        |
| 7         | 3.919       | 3.904        | 3.950      | VV       | 352            | 5455         | 0.20%          | 0.009%        |
| 8         | 3.968       | 3.950        | 3.984      | PV       | 618            | 5867         | 0.22%          | 0.009%        |
| 9         | 4.003       | 3.984        | 4.038      | VV       | 280            | 5802         | 0.21%          | 0.009%        |
| 10        | 4.072       | 4.038        | 4.085      | VV       | 693            | 7883         | 0.29%          | 0.013%        |
| 11        | 4.094       | 4.085        | 4.141      | VV       | 367            | 8137         | 0.30%          | 0.013%        |
| 12        | 4.166       | 4.141        | 4.181      | VV       | 453            | 6969         | 0.26%          | 0.011%        |
| 13        | 4.187       | 4.181        | 4.215      | VV       | 320            | 4222         | 0.16%          | 0.007%        |
| 14        | 4.235       | 4.215        | 4.284      | VV       | 1145           | 21657        | 0.80%          | 0.034%        |
| 15        | 4.297       | 4.284        | 4.375      | VV       | 522            | 15380        | 0.57%          | 0.024%        |
| 16        | 4.394       | 4.375        | 4.428      | VV       | 266            | 5525         | 0.20%          | 0.009%        |
| 17        | 4.491       | 4.428        | 4.523      | VV       | 690            | 15743        | 0.58%          | 0.025%        |
| 18        | 4.538       | 4.523        | 4.578      | VV       | 470            | 9471         | 0.35%          | 0.015%        |
| 19        | 4.586       | 4.578        | 4.625      | VV       | 315            | 5224         | 0.19%          | 0.008%        |
| 20        | 4.642       | 4.625        | 4.678      | VV       | 1122           | 12663        | 0.47%          | 0.020%        |
| 21        | 4.710       | 4.678        | 4.734      | VV       | 1488           | 21670        | 0.80%          | 0.034%        |
| 22        | 4.746       | 4.734        | 4.766      | VV       | 409            | 4896         | 0.18%          | 0.008%        |
| 23        | 4.777       | 4.766        | 4.805      | VV       | 202            | 3055         | 0.11%          | 0.005%        |
| 24        | 4.849       | 4.805        | 4.856      | VV       | 206            | 3837         | 0.14%          | 0.006%        |
| 25        | 4.869       | 4.856        | 4.885      | VV       | 248            | 2844         | 0.10%          | 0.005%        |
| 26        | 4.906       | 4.885        | 4.935      | VV       | 434            | 5227         | 0.19%          | 0.008%        |
| 27        | 4.942       | 4.935        | 4.955      | VV       | 172            | 1659         | 0.06%          | 0.003%        |
| 28        | 4.974       | 4.955        | 5.008      | VV       | 297            | 4199         | 0.16%          | 0.007%        |
| 29        | 5.024       | 5.008        | 5.052      | VV       | 186            | 2987         | 0.11%          | 0.005%        |
| 30        | 5.063       | 5.052        | 5.089      | VV       | 147            | 1640         | 0.06%          | 0.003%        |
| 31        | 5.124       | 5.089        | 5.158      | PV       | 368            | 6742         | 0.25%          | 0.011%        |
| 32        | 5.187       | 5.158        | 5.201      | VV       | 302            | 4659         | 0.17%          | 0.007%        |
| 33        | 5.216       | 5.201        | 5.224      | VV       | 423            | 4336         | 0.16%          | 0.007%        |
| 34        | 5.234       | 5.224        | 5.284      | VV       | 457            | 7497         | 0.28%          | 0.012%        |
| 35        | 5.301       | 5.284        | 5.325      | VV       | 245            | 3775         | 0.14%          | 0.006%        |
| 36        | 5.350       | 5.325        | 5.405      | VV       | 646            | 13102        | 0.48%          | 0.021%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.426 | 5.405 | 5.464 | VV | 346    | 4815  | 0.18% | 0.008% |
| 38 | 5.481 | 5.464 | 5.508 | VV | 221    | 3409  | 0.13% | 0.005% |
| 39 | 5.528 | 5.508 | 5.551 | VV | 731    | 9620  | 0.36% | 0.015% |
| 40 | 5.560 | 5.551 | 5.588 | VV | 479    | 6816  | 0.25% | 0.011% |
| 41 | 5.622 | 5.588 | 5.648 | VV | 276    | 6952  | 0.26% | 0.011% |
| 42 | 5.671 | 5.648 | 5.692 | VV | 219    | 4118  | 0.15% | 0.007% |
| 43 | 5.717 | 5.692 | 5.748 | VV | 673    | 9719  | 0.36% | 0.015% |
| 44 | 5.763 | 5.748 | 5.780 | VV | 264    | 4044  | 0.15% | 0.006% |
| 45 | 5.796 | 5.780 | 5.806 | VV | 405    | 4624  | 0.17% | 0.007% |
| 46 | 5.833 | 5.806 | 5.851 | VV | 551    | 9457  | 0.35% | 0.015% |
| 47 | 5.867 | 5.851 | 5.891 | VV | 300    | 6292  | 0.23% | 0.010% |
| 48 | 5.908 | 5.891 | 5.916 | VV | 299    | 3165  | 0.12% | 0.005% |
| 49 | 5.932 | 5.916 | 5.958 | VV | 335    | 6233  | 0.23% | 0.010% |
| 50 | 5.997 | 5.958 | 6.005 | VV | 276    | 6419  | 0.24% | 0.010% |
| 51 | 6.025 | 6.005 | 6.043 | VV | 418    | 7658  | 0.28% | 0.012% |
| 52 | 6.082 | 6.043 | 6.105 | VV | 5315   | 56562 | 2.09% | 0.090% |
| 53 | 6.128 | 6.105 | 6.151 | VV | 594    | 10834 | 0.40% | 0.017% |
| 54 | 6.187 | 6.151 | 6.197 | VV | 525    | 9916  | 0.37% | 0.016% |
| 55 | 6.224 | 6.197 | 6.244 | VV | 937    | 15934 | 0.59% | 0.025% |
| 56 | 6.259 | 6.244 | 6.288 | VV | 396    | 9019  | 0.33% | 0.014% |
| 57 | 6.310 | 6.288 | 6.338 | VV | 461    | 10575 | 0.39% | 0.017% |
| 58 | 6.354 | 6.338 | 6.406 | VV | 614    | 15216 | 0.56% | 0.024% |
| 59 | 6.435 | 6.406 | 6.449 | VV | 512    | 9191  | 0.34% | 0.015% |
| 60 | 6.473 | 6.449 | 6.481 | VV | 513    | 8362  | 0.31% | 0.013% |
| 61 | 6.505 | 6.481 | 6.558 | VV | 819    | 19297 | 0.71% | 0.031% |
| 62 | 6.571 | 6.558 | 6.585 | VV | 220    | 2279  | 0.08% | 0.004% |
| 63 | 6.590 | 6.585 | 6.598 | VV | 207    | 1166  | 0.04% | 0.002% |
| 64 | 6.654 | 6.598 | 6.673 | VV | 663    | 14891 | 0.55% | 0.024% |
| 65 | 6.704 | 6.673 | 6.763 | VV | 617    | 13942 | 0.51% | 0.022% |
| 66 | 6.783 | 6.763 | 6.808 | VV | 426    | 6690  | 0.25% | 0.011% |
| 67 | 6.833 | 6.808 | 6.865 | PV | 421    | 10337 | 0.38% | 0.016% |
| 68 | 6.879 | 6.865 | 6.887 | VV | 337    | 3313  | 0.12% | 0.005% |
| 69 | 6.910 | 6.887 | 6.938 | VV | 391    | 9710  | 0.36% | 0.015% |
| 70 | 6.945 | 6.938 | 6.964 | VV | 368    | 4432  | 0.16% | 0.007% |
| 71 | 6.977 | 6.964 | 6.994 | VV | 403    | 5362  | 0.20% | 0.009% |
| 72 | 7.009 | 6.994 | 7.025 | VV | 580    | 8597  | 0.32% | 0.014% |
| 73 | 7.037 | 7.025 | 7.050 | VV | 617    | 7073  | 0.26% | 0.011% |
| 74 | 7.067 | 7.050 | 7.101 | VV | 490    | 10472 | 0.39% | 0.017% |
| 75 | 7.133 | 7.101 | 7.155 | VV | 2689   | 32388 | 1.20% | 0.051% |
| 76 | 7.165 | 7.155 | 7.187 | VV | 592    | 8696  | 0.32% | 0.014% |
| 77 | 7.206 | 7.187 | 7.248 | VV | 838    | 18323 | 0.68% | 0.029% |
| 78 | 7.268 | 7.248 | 7.288 | VV | 2380   | 25180 | 0.93% | 0.040% |
| 79 | 7.308 | 7.288 | 7.378 | VV | 493    | 15847 | 0.59% | 0.025% |
| 80 | 7.400 | 7.378 | 7.408 | VV | 294    | 4613  | 0.17% | 0.007% |
| 81 | 7.426 | 7.408 | 7.468 | VV | 1291   | 19099 | 0.71% | 0.030% |
| 82 | 7.478 | 7.468 | 7.505 | VV | 346    | 6507  | 0.24% | 0.010% |
| 83 | 7.519 | 7.505 | 7.578 | VV | 362    | 13847 | 0.51% | 0.022% |
| 84 | 7.605 | 7.578 | 7.638 | VV | 594    | 12721 | 0.47% | 0.020% |
| 85 | 7.654 | 7.638 | 7.674 | VV | 330    | 5032  | 0.19% | 0.008% |
| 86 | 7.688 | 7.674 | 7.701 | PV | 289    | 3520  | 0.13% | 0.006% |
| 87 | 7.853 | 7.796 | 7.894 | VV | 1454   | 47096 | 1.74% | 0.075% |
| 88 | 7.906 | 7.894 | 7.929 | VV | 592    | 9482  | 0.35% | 0.015% |
| 89 | 7.951 | 7.929 | 7.968 | VV | 342    | 6860  | 0.25% | 0.011% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 8.010  | 7.968  | 8.035  | VV | 1101   | 24601  | 0.91% | 0.039% |
| 91  | 8.046  | 8.035  | 8.065  | VV | 725    | 10766  | 0.40% | 0.017% |
| 92  | 8.117  | 8.065  | 8.141  | VV | 2552   | 53218  | 1.96% | 0.085% |
| 93  | 8.150  | 8.141  | 8.159  | VV | 602    | 5173   | 0.19% | 0.008% |
| 94  | 8.185  | 8.159  | 8.198  | VV | 899    | 15517  | 0.57% | 0.025% |
| 95  | 8.225  | 8.198  | 8.241  | VV | 5801   | 66364  | 2.45% | 0.105% |
| 96  | 8.253  | 8.241  | 8.270  | VV | 3123   | 33346  | 1.23% | 0.053% |
| 97  | 8.292  | 8.270  | 8.325  | VV | 2130   | 36862  | 1.36% | 0.059% |
| 98  | 8.355  | 8.325  | 8.391  | VV | 17342  | 197550 | 7.29% | 0.314% |
| 99  | 8.410  | 8.391  | 8.448  | VV | 3836   | 63683  | 2.35% | 0.101% |
| 100 | 8.464  | 8.448  | 8.482  | VV | 1301   | 17568  | 0.65% | 0.028% |
| 101 | 8.499  | 8.482  | 8.524  | VV | 1997   | 24147  | 0.89% | 0.038% |
| 102 | 8.546  | 8.524  | 8.565  | VV | 753    | 12228  | 0.45% | 0.019% |
| 103 | 8.650  | 8.636  | 8.675  | VV | 1390   | 22507  | 0.83% | 0.036% |
| 104 | 8.704  | 8.675  | 8.728  | VV | 7961   | 88165  | 3.26% | 0.140% |
| 105 | 8.757  | 8.728  | 8.781  | VV | 1888   | 38370  | 1.42% | 0.061% |
| 106 | 8.824  | 8.781  | 8.851  | VV | 2150   | 45030  | 1.66% | 0.072% |
| 107 | 8.865  | 8.851  | 8.878  | VV | 750    | 8870   | 0.33% | 0.014% |
| 108 | 8.890  | 8.878  | 8.905  | VV | 821    | 10727  | 0.40% | 0.017% |
| 109 | 8.942  | 8.905  | 8.959  | VV | 4525   | 64409  | 2.38% | 0.102% |
| 110 | 8.975  | 8.959  | 8.995  | VV | 5695   | 61322  | 2.26% | 0.097% |
| 111 | 9.012  | 8.995  | 9.036  | VV | 2202   | 31760  | 1.17% | 0.050% |
| 112 | 9.064  | 9.036  | 9.081  | VV | 2060   | 32050  | 1.18% | 0.051% |
| 113 | 9.110  | 9.081  | 9.129  | VV | 6629   | 75292  | 2.78% | 0.120% |
| 114 | 9.149  | 9.129  | 9.235  | VV | 6791   | 88834  | 3.28% | 0.141% |
| 115 | 9.266  | 9.235  | 9.282  | VV | 6425   | 72381  | 2.67% | 0.115% |
| 116 | 9.296  | 9.282  | 9.335  | VV | 5328   | 62529  | 2.31% | 0.099% |
| 117 | 9.349  | 9.335  | 9.362  | VV | 831    | 9976   | 0.37% | 0.016% |
| 118 | 9.401  | 9.362  | 9.424  | VV | 6158   | 94889  | 3.50% | 0.151% |
| 119 | 9.442  | 9.424  | 9.458  | VV | 1389   | 18402  | 0.68% | 0.029% |
| 120 | 9.483  | 9.458  | 9.535  | VV | 13346  | 180680 | 6.67% | 0.287% |
| 121 | 9.561  | 9.535  | 9.591  | VV | 6217   | 111151 | 4.10% | 0.177% |
| 122 | 9.604  | 9.591  | 9.616  | VV | 3998   | 41609  | 1.54% | 0.066% |
| 123 | 9.633  | 9.616  | 9.651  | VV | 8246   | 105202 | 3.88% | 0.167% |
| 124 | 9.660  | 9.651  | 9.674  | VV | 3953   | 41233  | 1.52% | 0.066% |
| 125 | 9.692  | 9.674  | 9.732  | VV | 5959   | 93260  | 3.44% | 0.148% |
| 126 | 9.745  | 9.732  | 9.781  | VV | 1309   | 32491  | 1.20% | 0.052% |
| 127 | 9.804  | 9.781  | 9.841  | VV | 6141   | 97968  | 3.62% | 0.156% |
| 128 | 9.854  | 9.841  | 9.868  | VV | 2224   | 29003  | 1.07% | 0.046% |
| 129 | 9.904  | 9.868  | 9.948  | VV | 9244   | 167591 | 6.19% | 0.266% |
| 130 | 9.964  | 9.948  | 9.981  | VV | 2180   | 29283  | 1.08% | 0.047% |
| 131 | 10.000 | 9.981  | 10.021 | VV | 2142   | 31084  | 1.15% | 0.049% |
| 132 | 10.064 | 10.021 | 10.144 | VV | 2581   | 64702  | 2.39% | 0.103% |
| 133 | 10.168 | 10.144 | 10.181 | PV | 884    | 11961  | 0.44% | 0.019% |
| 134 | 10.191 | 10.181 | 10.204 | VV | 982    | 10865  | 0.40% | 0.017% |
| 135 | 10.222 | 10.204 | 10.258 | VV | 3656   | 54853  | 2.03% | 0.087% |
| 136 | 10.276 | 10.258 | 10.305 | VV | 1957   | 34409  | 1.27% | 0.055% |
| 137 | 10.359 | 10.305 | 10.381 | VV | 14269  | 256897 | 9.48% | 0.408% |
| 138 | 10.400 | 10.381 | 10.439 | VV | 12244  | 153992 | 5.69% | 0.245% |
| 139 | 10.477 | 10.439 | 10.516 | VV | 11598  | 215553 | 7.96% | 0.343% |
| 140 | 10.536 | 10.516 | 10.562 | VV | 4329   | 91862  | 3.39% | 0.146% |
| 141 | 10.572 | 10.562 | 10.588 | VV | 3089   | 36083  | 1.33% | 0.057% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 10.616 | 10.588 | 10.628 | VV | 4680   | 68370   | 2.52%   | 0.109% |
| 143 | 10.646 | 10.628 | 10.662 | VV | 9066   | 113326  | 4.18%   | 0.180% |
| 144 | 10.684 | 10.662 | 10.716 | VV | 10280  | 172807  | 6.38%   | 0.275% |
| 145 | 10.751 | 10.716 | 10.763 | VV | 3216   | 72373   | 2.67%   | 0.115% |
|     |        |        |        |    |        |         |         |        |
| 146 | 10.776 | 10.763 | 10.794 | VV | 3763   | 46861   | 1.73%   | 0.074% |
| 147 | 10.815 | 10.794 | 10.831 | VV | 2493   | 36677   | 1.35%   | 0.058% |
| 148 | 10.846 | 10.831 | 10.854 | VV | 2768   | 26231   | 0.97%   | 0.042% |
| 149 | 10.880 | 10.854 | 10.918 | VV | 140370 | 1437611 | 53.08%  | 2.285% |
| 150 | 10.953 | 10.918 | 10.991 | VV | 38951  | 438598  | 16.19%  | 0.697% |
|     |        |        |        |    |        |         |         |        |
| 151 | 11.007 | 10.991 | 11.021 | VV | 1398   | 19054   | 0.70%   | 0.030% |
| 152 | 11.057 | 11.021 | 11.078 | VV | 1849   | 43141   | 1.59%   | 0.069% |
| 153 | 11.089 | 11.078 | 11.107 | VV | 1430   | 13922   | 0.51%   | 0.022% |
| 154 | 11.182 | 11.107 | 11.206 | VV | 5074   | 132303  | 4.88%   | 0.210% |
| 155 | 11.235 | 11.206 | 11.253 | VV | 4560   | 83263   | 3.07%   | 0.132% |
|     |        |        |        |    |        |         |         |        |
| 156 | 11.272 | 11.253 | 11.293 | VV | 5006   | 80736   | 2.98%   | 0.128% |
| 157 | 11.308 | 11.293 | 11.333 | VV | 2957   | 53403   | 1.97%   | 0.085% |
| 158 | 11.365 | 11.333 | 11.377 | VV | 3502   | 68896   | 2.54%   | 0.109% |
| 159 | 11.411 | 11.377 | 11.439 | VV | 14417  | 271041  | 10.01%  | 0.431% |
| 160 | 11.472 | 11.439 | 11.496 | VV | 6703   | 104326  | 3.85%   | 0.166% |
|     |        |        |        |    |        |         |         |        |
| 161 | 11.529 | 11.496 | 11.549 | VV | 8788   | 121682  | 4.49%   | 0.193% |
| 162 | 11.567 | 11.549 | 11.589 | VV | 4280   | 56598   | 2.09%   | 0.090% |
| 163 | 11.605 | 11.589 | 11.614 | VV | 1319   | 15942   | 0.59%   | 0.025% |
| 164 | 11.646 | 11.614 | 11.665 | VV | 253455 | 2708466 | 100.00% | 4.304% |
| 165 | 11.679 | 11.665 | 11.694 | VV | 60099  | 643544  | 23.76%  | 1.023% |
|     |        |        |        |    |        |         |         |        |
| 166 | 11.709 | 11.694 | 11.745 | VV | 69688  | 751785  | 27.76%  | 1.195% |
| 167 | 11.794 | 11.745 | 11.810 | VV | 42066  | 725747  | 26.80%  | 1.153% |
| 168 | 11.826 | 11.810 | 11.841 | VV | 48274  | 534704  | 19.74%  | 0.850% |
| 169 | 11.858 | 11.841 | 11.901 | VV | 69506  | 794563  | 29.34%  | 1.263% |
| 170 | 11.927 | 11.901 | 11.946 | PV | 1457   | 20007   | 0.74%   | 0.032% |
|     |        |        |        |    |        |         |         |        |
| 171 | 11.973 | 11.946 | 12.002 | VV | 3529   | 72634   | 2.68%   | 0.115% |
| 172 | 12.029 | 12.002 | 12.049 | VV | 9486   | 139241  | 5.14%   | 0.221% |
| 173 | 12.066 | 12.049 | 12.102 | VV | 7413   | 132507  | 4.89%   | 0.211% |
| 174 | 12.114 | 12.102 | 12.125 | VV | 2418   | 26866   | 0.99%   | 0.043% |
| 175 | 12.148 | 12.125 | 12.170 | VV | 30689  | 345851  | 12.77%  | 0.550% |
|     |        |        |        |    |        |         |         |        |
| 176 | 12.181 | 12.170 | 12.194 | VV | 4839   | 61026   | 2.25%   | 0.097% |
| 177 | 12.210 | 12.194 | 12.264 | VV | 5218   | 117176  | 4.33%   | 0.186% |
| 178 | 12.293 | 12.264 | 12.312 | VV | 8447   | 116332  | 4.30%   | 0.185% |
| 179 | 12.325 | 12.312 | 12.338 | VV | 2962   | 34497   | 1.27%   | 0.055% |
| 180 | 12.396 | 12.338 | 12.409 | VV | 10573  | 205417  | 7.58%   | 0.326% |
|     |        |        |        |    |        |         |         |        |
| 181 | 12.417 | 12.409 | 12.442 | VV | 8134   | 105609  | 3.90%   | 0.168% |
| 182 | 12.463 | 12.442 | 12.502 | VV | 17485  | 292116  | 10.79%  | 0.464% |
| 183 | 12.523 | 12.502 | 12.532 | VV | 8053   | 88861   | 3.28%   | 0.141% |
| 184 | 12.539 | 12.532 | 12.551 | VV | 7174   | 70724   | 2.61%   | 0.112% |
| 185 | 12.574 | 12.551 | 12.593 | VV | 56634  | 689523  | 25.46%  | 1.096% |
|     |        |        |        |    |        |         |         |        |
| 186 | 12.609 | 12.593 | 12.625 | VV | 22419  | 323353  | 11.94%  | 0.514% |
| 187 | 12.637 | 12.625 | 12.653 | VV | 18945  | 227315  | 8.39%   | 0.361% |
| 188 | 12.691 | 12.653 | 12.735 | VV | 187965 | 2329543 | 86.01%  | 3.702% |
| 189 | 12.748 | 12.735 | 12.761 | VV | 664    | 6801    | 0.25%   | 0.011% |
| 190 | 12.785 | 12.761 | 12.801 | VV | 5920   | 76019   | 2.81%   | 0.121% |
|     |        |        |        |    |        |         |         |        |
| 191 | 12.845 | 12.801 | 12.862 | VV | 18428  | 284566  | 10.51%  | 0.452% |
| 192 | 12.880 | 12.862 | 12.938 | VV | 17364  | 497801  | 18.38%  | 0.791% |
| 193 | 12.949 | 12.938 | 12.961 | VV | 5691   | 64801   | 2.39%   | 0.103% |
| 194 | 12.990 | 12.961 | 13.024 | VV | 235054 | 2644920 | 97.65%  | 4.203% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.067 | 13.024 | 13.101 | VV | 170999 | 2285163 | 84.37% | 3.632% |
| 196 | 13.121 | 13.101 | 13.137 | VV | 5457   | 82580   | 3.05%  | 0.131% |
| 197 | 13.157 | 13.137 | 13.175 | VV | 10387  | 136643  | 5.05%  | 0.217% |
| 198 | 13.189 | 13.175 | 13.209 | VV | 4934   | 61367   | 2.27%  | 0.098% |
| 199 | 13.253 | 13.209 | 13.296 | VV | 9528   | 252364  | 9.32%  | 0.401% |
| 200 | 13.314 | 13.296 | 13.358 | VV | 9333   | 133144  | 4.92%  | 0.212% |
| 201 | 13.380 | 13.358 | 13.393 | PV | 8681   | 103903  | 3.84%  | 0.165% |
| 202 | 13.407 | 13.393 | 13.418 | VV | 8134   | 100812  | 3.72%  | 0.160% |
| 203 | 13.441 | 13.418 | 13.468 | VV | 30830  | 481633  | 17.78% | 0.765% |
| 204 | 13.485 | 13.468 | 13.512 | VV | 6219   | 104445  | 3.86%  | 0.166% |
| 205 | 13.571 | 13.512 | 13.614 | VV | 64695  | 1142440 | 42.18% | 1.816% |
| 206 | 13.637 | 13.614 | 13.653 | VV | 6653   | 95937   | 3.54%  | 0.152% |
| 207 | 13.679 | 13.653 | 13.699 | VV | 32775  | 437456  | 16.15% | 0.695% |
| 208 | 13.718 | 13.699 | 13.739 | VV | 40552  | 497193  | 18.36% | 0.790% |
| 209 | 13.760 | 13.739 | 13.787 | VV | 10140  | 192519  | 7.11%  | 0.306% |
| 210 | 13.848 | 13.787 | 13.868 | VV | 43188  | 736112  | 27.18% | 1.170% |
| 211 | 13.888 | 13.868 | 13.926 | VV | 42073  | 515202  | 19.02% | 0.819% |
| 212 | 13.955 | 13.926 | 13.978 | VV | 6222   | 97812   | 3.61%  | 0.155% |
| 213 | 14.008 | 13.978 | 14.018 | VV | 1894   | 36673   | 1.35%  | 0.058% |
| 214 | 14.046 | 14.018 | 14.065 | VV | 2923   | 55566   | 2.05%  | 0.088% |
| 215 | 14.081 | 14.065 | 14.111 | VV | 1775   | 29198   | 1.08%  | 0.046% |
| 216 | 14.150 | 14.111 | 14.188 | PV | 4307   | 79643   | 2.94%  | 0.127% |
| 217 | 14.204 | 14.188 | 14.218 | VV | 2275   | 29598   | 1.09%  | 0.047% |
| 218 | 14.266 | 14.218 | 14.283 | VV | 13948  | 315943  | 11.67% | 0.502% |
| 219 | 14.299 | 14.283 | 14.336 | VV | 21076  | 299911  | 11.07% | 0.477% |
| 220 | 14.376 | 14.336 | 14.387 | VV | 8776   | 174372  | 6.44%  | 0.277% |
| 221 | 14.404 | 14.387 | 14.442 | VV | 12829  | 260182  | 9.61%  | 0.413% |
| 222 | 14.480 | 14.442 | 14.496 | VV | 14873  | 280885  | 10.37% | 0.446% |
| 223 | 14.507 | 14.496 | 14.521 | VV | 9987   | 117544  | 4.34%  | 0.187% |
| 224 | 14.543 | 14.521 | 14.565 | VV | 43346  | 539916  | 19.93% | 0.858% |
| 225 | 14.600 | 14.565 | 14.631 | VV | 14591  | 283038  | 10.45% | 0.450% |
| 226 | 14.664 | 14.631 | 14.683 | VV | 6185   | 101726  | 3.76%  | 0.162% |
| 227 | 14.702 | 14.683 | 14.711 | VV | 5765   | 72283   | 2.67%  | 0.115% |
| 228 | 14.726 | 14.711 | 14.785 | VV | 7091   | 145642  | 5.38%  | 0.231% |
| 229 | 14.854 | 14.785 | 14.873 | PV | 107753 | 1315922 | 48.59% | 2.091% |
| 230 | 14.895 | 14.873 | 14.922 | VV | 114741 | 1338577 | 49.42% | 2.127% |
| 231 | 14.938 | 14.922 | 14.964 | VV | 5874   | 84092   | 3.10%  | 0.134% |
| 232 | 15.012 | 14.964 | 15.034 | VV | 25719  | 440977  | 16.28% | 0.701% |
| 233 | 15.049 | 15.034 | 15.071 | VV | 9790   | 151312  | 5.59%  | 0.240% |
| 234 | 15.087 | 15.071 | 15.119 | VV | 5251   | 91742   | 3.39%  | 0.146% |
| 235 | 15.146 | 15.119 | 15.153 | VV | 7483   | 92015   | 3.40%  | 0.146% |
| 236 | 15.164 | 15.153 | 15.185 | VV | 7794   | 116546  | 4.30%  | 0.185% |
| 237 | 15.209 | 15.185 | 15.230 | VV | 7555   | 123573  | 4.56%  | 0.196% |
| 238 | 15.237 | 15.230 | 15.255 | VV | 1975   | 21094   | 0.78%  | 0.034% |
| 239 | 15.285 | 15.255 | 15.349 | VV | 17995  | 419639  | 15.49% | 0.667% |
| 240 | 15.361 | 15.349 | 15.383 | VV | 2416   | 34726   | 1.28%  | 0.055% |
| 241 | 15.434 | 15.383 | 15.454 | VV | 7194   | 150262  | 5.55%  | 0.239% |
| 242 | 15.477 | 15.454 | 15.494 | VV | 9847   | 131646  | 4.86%  | 0.209% |
| 243 | 15.521 | 15.494 | 15.541 | VV | 47444  | 608334  | 22.46% | 0.967% |
| 244 | 15.558 | 15.541 | 15.588 | VV | 21406  | 314329  | 11.61% | 0.500% |
| 245 | 15.603 | 15.588 | 15.616 | VV | 8801   | 116385  | 4.30%  | 0.185% |
| 246 | 15.685 | 15.616 | 15.720 | VV | 24437  | 762988  | 28.17% | 1.213% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 15.758 | 15.720 | 15.783 | VV | 10283  | 164813  | 6.09%  | 0.262% |
| 248 | 15.799 | 15.783 | 15.821 | VV | 4265   | 58398   | 2.16%  | 0.093% |
| 249 | 15.840 | 15.821 | 15.860 | VV | 6638   | 85325   | 3.15%  | 0.136% |
| 250 | 15.872 | 15.860 | 15.891 | VV | 2887   | 34594   | 1.28%  | 0.055% |
| 251 | 15.924 | 15.891 | 15.969 | VV | 4534   | 115437  | 4.26%  | 0.183% |
| 252 | 15.986 | 15.969 | 15.998 | PV | 926    | 7333    | 0.27%  | 0.012% |
| 253 | 16.019 | 15.998 | 16.035 | PV | 2025   | 24061   | 0.89%  | 0.038% |
| 254 | 16.048 | 16.035 | 16.061 | VV | 1154   | 13868   | 0.51%  | 0.022% |
| 255 | 16.079 | 16.061 | 16.088 | VV | 1171   | 14758   | 0.54%  | 0.023% |
| 256 | 16.122 | 16.088 | 16.141 | VV | 9629   | 167061  | 6.17%  | 0.266% |
| 257 | 16.151 | 16.141 | 16.168 | VV | 5227   | 52471   | 1.94%  | 0.083% |
| 258 | 16.221 | 16.168 | 16.247 | VV | 8284   | 201579  | 7.44%  | 0.320% |
| 259 | 16.287 | 16.247 | 16.300 | VV | 9271   | 173486  | 6.41%  | 0.276% |
| 260 | 16.321 | 16.300 | 16.350 | VV | 13111  | 211139  | 7.80%  | 0.336% |
| 261 | 16.402 | 16.350 | 16.420 | PV | 79626  | 1174455 | 43.36% | 1.867% |
| 262 | 16.428 | 16.420 | 16.468 | VV | 34679  | 372119  | 13.74% | 0.591% |
| 263 | 16.482 | 16.468 | 16.498 | VV | 1405   | 19846   | 0.73%  | 0.032% |
| 264 | 16.530 | 16.498 | 16.553 | VV | 18154  | 236568  | 8.73%  | 0.376% |
| 265 | 16.566 | 16.553 | 16.608 | VV | 3151   | 60456   | 2.23%  | 0.096% |
| 266 | 16.649 | 16.608 | 16.664 | PV | 1944   | 26744   | 0.99%  | 0.043% |
| 267 | 16.721 | 16.664 | 16.747 | VV | 50116  | 747015  | 27.58% | 1.187% |
| 268 | 16.777 | 16.747 | 16.821 | VV | 71807  | 895356  | 33.06% | 1.423% |
| 269 | 16.874 | 16.821 | 16.916 | VV | 18982  | 435048  | 16.06% | 0.691% |
| 270 | 16.938 | 16.916 | 16.962 | VV | 6886   | 127491  | 4.71%  | 0.203% |
| 271 | 17.016 | 16.962 | 17.060 | VV | 9683   | 318936  | 11.78% | 0.507% |
| 272 | 17.079 | 17.060 | 17.098 | VV | 6360   | 90357   | 3.34%  | 0.144% |
| 273 | 17.135 | 17.098 | 17.203 | VV | 18463  | 567343  | 20.95% | 0.902% |
| 274 | 17.228 | 17.203 | 17.248 | VV | 5408   | 104282  | 3.85%  | 0.166% |
| 275 | 17.271 | 17.248 | 17.282 | VV | 10193  | 144837  | 5.35%  | 0.230% |
| 276 | 17.303 | 17.282 | 17.334 | VV | 22658  | 378495  | 13.97% | 0.602% |
| 277 | 17.357 | 17.334 | 17.375 | VV | 9381   | 142718  | 5.27%  | 0.227% |
| 278 | 17.389 | 17.375 | 17.406 | VV | 5764   | 90347   | 3.34%  | 0.144% |
| 279 | 17.439 | 17.406 | 17.510 | VV | 17012  | 449962  | 16.61% | 0.715% |
| 280 | 17.530 | 17.510 | 17.568 | PV | 4212   | 80151   | 2.96%  | 0.127% |
| 281 | 17.615 | 17.568 | 17.641 | VV | 4606   | 95239   | 3.52%  | 0.151% |
| 282 | 17.662 | 17.641 | 17.676 | VV | 2696   | 41768   | 1.54%  | 0.066% |
| 283 | 17.743 | 17.676 | 17.783 | VV | 16119  | 398272  | 14.70% | 0.633% |
| 284 | 17.814 | 17.783 | 17.844 | VV | 14817  | 256580  | 9.47%  | 0.408% |
| 285 | 17.867 | 17.844 | 17.882 | VV | 7380   | 130763  | 4.83%  | 0.208% |
| 286 | 17.911 | 17.882 | 17.992 | VV | 21656  | 666972  | 24.63% | 1.060% |
| 287 | 18.011 | 17.992 | 18.024 | VV | 3824   | 61717   | 2.28%  | 0.098% |
| 288 | 18.047 | 18.024 | 18.066 | VV | 12560  | 191315  | 7.06%  | 0.304% |
| 289 | 18.136 | 18.066 | 18.153 | VV | 33457  | 734706  | 27.13% | 1.168% |
| 290 | 18.166 | 18.153 | 18.203 | VV | 16478  | 289153  | 10.68% | 0.460% |
| 291 | 18.274 | 18.203 | 18.324 | VV | 33841  | 894802  | 33.04% | 1.422% |
| 292 | 18.335 | 18.324 | 18.361 | VV | 3828   | 65393   | 2.41%  | 0.104% |
| 293 | 18.389 | 18.361 | 18.411 | VV | 33274  | 423148  | 15.62% | 0.672% |
| 294 | 18.429 | 18.411 | 18.453 | VV | 8296   | 121152  | 4.47%  | 0.193% |
| 295 | 18.477 | 18.453 | 18.498 | VV | 4807   | 91580   | 3.38%  | 0.146% |
| 296 | 18.517 | 18.498 | 18.539 | VV | 9462   | 134847  | 4.98%  | 0.214% |
| 297 | 18.570 | 18.539 | 18.600 | VV | 13026  | 225998  | 8.34%  | 0.359% |
| 298 | 18.643 | 18.600 | 18.667 | PV | 4905   | 115036  | 4.25%  | 0.183% |
| 299 | 18.695 | 18.667 | 18.718 | VV | 14111  | 224557  | 8.29%  | 0.357% |

|                         |        |        |        |    |        |          |        |        |
|-------------------------|--------|--------|--------|----|--------|----------|--------|--------|
|                         |        |        |        |    | rteres |          |        |        |
| 300                     | 18.743 | 18.718 | 18.773 | VV | 12617  | 205248   | 7.58%  | 0.326% |
| 301                     | 18.793 | 18.773 | 18.802 | VV | 4263   | 64496    | 2.38%  | 0.102% |
| 302                     | 18.820 | 18.802 | 18.840 | VV | 9868   | 146109   | 5.39%  | 0.232% |
| 303                     | 18.868 | 18.840 | 18.887 | VV | 7147   | 159259   | 5.88%  | 0.253% |
| 304                     | 18.911 | 18.887 | 18.941 | VV | 7620   | 196138   | 7.24%  | 0.312% |
| 305                     | 18.970 | 18.941 | 19.005 | VV | 12264  | 311662   | 11.51% | 0.495% |
| 306                     | 19.023 | 19.005 | 19.042 | VV | 7801   | 114459   | 4.23%  | 0.182% |
| 307                     | 19.090 | 19.042 | 19.141 | VV | 9019   | 317759   | 11.73% | 0.505% |
| 308                     | 19.169 | 19.141 | 19.180 | VV | 2235   | 31535    | 1.16%  | 0.050% |
| 309                     | 19.226 | 19.180 | 19.252 | VV | 3373   | 106700   | 3.94%  | 0.170% |
| 310                     | 19.269 | 19.252 | 19.284 | VV | 2787   | 37477    | 1.38%  | 0.060% |
| 311                     | 19.346 | 19.284 | 19.375 | VV | 7604   | 177881   | 6.57%  | 0.283% |
| 312                     | 19.398 | 19.375 | 19.448 | VV | 8474   | 204006   | 7.53%  | 0.324% |
| 313                     | 19.472 | 19.448 | 19.505 | VV | 10258  | 232049   | 8.57%  | 0.369% |
| 314                     | 19.536 | 19.505 | 19.563 | VV | 15061  | 293521   | 10.84% | 0.466% |
| 315                     | 19.604 | 19.563 | 19.675 | VV | 12263  | 569088   | 21.01% | 0.904% |
| 316                     | 19.715 | 19.675 | 19.759 | VV | 22552  | 567432   | 20.95% | 0.902% |
| 317                     | 19.813 | 19.759 | 19.850 | VV | 10131  | 384306   | 14.19% | 0.611% |
| 318                     | 19.863 | 19.850 | 19.868 | VV | 6907   | 65613    | 2.42%  | 0.104% |
| 319                     | 19.908 | 19.868 | 19.949 | VV | 18797  | 554258   | 20.46% | 0.881% |
| 320                     | 19.978 | 19.949 | 19.991 | VV | 11344  | 256839   | 9.48%  | 0.408% |
| 321                     | 20.022 | 19.991 | 20.034 | VV | 12104  | 291752   | 10.77% | 0.464% |
| 322                     | 20.081 | 20.034 | 20.107 | VV | 12596  | 503751   | 18.60% | 0.801% |
| 323                     | 20.131 | 20.107 | 20.141 | VV | 12307  | 241770   | 8.93%  | 0.384% |
| 324                     | 20.169 | 20.141 | 20.198 | VV | 14944  | 425728   | 15.72% | 0.677% |
| 325                     | 20.216 | 20.198 | 20.224 | VV | 11942  | 182730   | 6.75%  | 0.290% |
| 326                     | 20.249 | 20.224 | 20.288 | VV | 13855  | 488691   | 18.04% | 0.777% |
| 327                     | 20.306 | 20.288 | 20.325 | VV | 14332  | 289854   | 10.70% | 0.461% |
| 328                     | 20.352 | 20.325 | 20.386 | VV | 14510  | 500230   | 18.47% | 0.795% |
| 329                     | 20.433 | 20.386 | 20.477 | VV | 14674  | 708985   | 26.18% | 1.127% |
| 330                     | 20.494 | 20.477 | 20.532 | VV | 12018  | 360437   | 13.31% | 0.573% |
| 331                     | 20.564 | 20.532 | 20.635 | VV | 13044  | 653609   | 24.13% | 1.039% |
| 332                     | 20.658 | 20.635 | 20.705 | VV | 9022   | 337561   | 12.46% | 0.536% |
| 333                     | 20.719 | 20.705 | 20.751 | VV | 7452   | 184435   | 6.81%  | 0.293% |
| 334                     | 20.760 | 20.751 | 20.768 | VV | 6158   | 58179    | 2.15%  | 0.092% |
| 335                     | 20.774 | 20.768 | 20.787 | VV | 6111   | 65572    | 2.42%  | 0.104% |
| 336                     | 20.809 | 20.787 | 20.864 | VV | 6505   | 217963   | 8.05%  | 0.346% |
| 337                     | 20.901 | 20.864 | 20.919 | VV | 3888   | 89514    | 3.30%  | 0.142% |
| 338                     | 20.928 | 20.919 | 20.955 | VV | 2083   | 32655    | 1.21%  | 0.052% |
| 339                     | 20.964 | 20.955 | 20.975 | VV | 1104   | 9974     | 0.37%  | 0.016% |
| Sum of corrected areas: |        |        |        |    |        | 62922821 |        |        |

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