

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD111819AL\  
 Data File : FD031547.D  
 Signal(s) : FID2B.CH  
 Acq On : 18 Nov 2019 12:52  
 Sample : K5676-19  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 110519.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         | 3.336       | 3.295        | 3.375      | BV       | 137            | 1586         | 0.01%          | 0.000%        |
| 2         | 3.468       | 3.451        | 3.482      | VV       | 124            | 1422         | 0.01%          | 0.000%        |
| 3         | 3.493       | 3.482        | 3.529      | VV       | 102            | 1483         | 0.01%          | 0.000%        |
| 4         | 3.538       | 3.529        | 3.568      | VV       | 123            | 1707         | 0.01%          | 0.001%        |
| 5         | 3.576       | 3.568        | 3.598      | VV       | 237            | 2276         | 0.01%          | 0.001%        |
| 6         | 3.628       | 3.598        | 3.685      | VV       | 1570           | 18108        | 0.10%          | 0.006%        |
| 7         | 3.715       | 3.685        | 3.756      | VV       | 635            | 9890         | 0.05%          | 0.003%        |
| 8         | 3.785       | 3.756        | 3.812      | PV       | 185            | 3903         | 0.02%          | 0.001%        |
| 9         | 3.830       | 3.812        | 3.848      | VV       | 369            | 4977         | 0.03%          | 0.002%        |
| 10        | 3.880       | 3.848        | 3.898      | VV       | 370            | 5967         | 0.03%          | 0.002%        |
| 11        | 3.917       | 3.898        | 3.967      | VV       | 249            | 5360         | 0.03%          | 0.002%        |
| 12        | 3.989       | 3.967        | 4.009      | VV       | 7048           | 55355        | 0.29%          | 0.017%        |
| 13        | 4.026       | 4.009        | 4.078      | VV       | 659            | 10973        | 0.06%          | 0.003%        |
| 14        | 4.101       | 4.078        | 4.128      | VV       | 194            | 2881         | 0.02%          | 0.001%        |
| 15        | 4.146       | 4.128        | 4.171      | VV       | 3062           | 35966        | 0.19%          | 0.011%        |
| 16        | 4.183       | 4.171        | 4.235      | VV       | 1493           | 22466        | 0.12%          | 0.007%        |
| 17        | 4.248       | 4.235        | 4.289      | VV       | 194            | 2865         | 0.02%          | 0.001%        |
| 18        | 4.305       | 4.289        | 4.344      | PV       | 94             | 1829         | 0.01%          | 0.001%        |
| 19        | 4.356       | 4.344        | 4.389      | VV       | 128            | 2713         | 0.01%          | 0.001%        |
| 20        | 4.404       | 4.389        | 4.427      | VV       | 291            | 3145         | 0.02%          | 0.001%        |
| 21        | 4.448       | 4.427        | 4.459      | VV       | 393            | 3780         | 0.02%          | 0.001%        |
| 22        | 4.473       | 4.459        | 4.515      | VV       | 267            | 5639         | 0.03%          | 0.002%        |
| 23        | 4.551       | 4.515        | 4.584      | PV       | 1307           | 12885        | 0.07%          | 0.004%        |
| 24        | 4.617       | 4.584        | 4.708      | VV       | 11589          | 155449       | 0.82%          | 0.048%        |
| 25        | 4.735       | 4.708        | 4.795      | VV       | 2289           | 33774        | 0.18%          | 0.010%        |
| 26        | 4.810       | 4.795        | 4.830      | VV       | 338            | 4778         | 0.03%          | 0.001%        |
| 27        | 4.852       | 4.830        | 4.868      | VV       | 421            | 5684         | 0.03%          | 0.002%        |
| 28        | 4.880       | 4.868        | 4.915      | VV       | 191            | 2829         | 0.01%          | 0.001%        |
| 29        | 4.952       | 4.915        | 4.983      | VV       | 459            | 7565         | 0.04%          | 0.002%        |
| 30        | 4.997       | 4.983        | 5.013      | VV       | 259            | 2583         | 0.01%          | 0.001%        |
| 31        | 5.036       | 5.013        | 5.062      | VV       | 917            | 10780        | 0.06%          | 0.003%        |
| 32        | 5.093       | 5.062        | 5.131      | VV       | 817            | 11973        | 0.06%          | 0.004%        |
| 33        | 5.142       | 5.131        | 5.188      | VV       | 210            | 4554         | 0.02%          | 0.001%        |
| 34        | 5.207       | 5.188        | 5.245      | PV       | 1251           | 19650        | 0.10%          | 0.006%        |
| 35        | 5.258       | 5.245        | 5.288      | VV       | 846            | 9656         | 0.05%          | 0.003%        |
| 36        | 5.331       | 5.288        | 5.345      | VV       | 190            | 4425         | 0.02%          | 0.001%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.355 | 5.345 | 5.375 | VV | 507    | 4957   | 0.03% | 0.002% |
| 38 | 5.384 | 5.375 | 5.421 | VV | 463    | 4984   | 0.03% | 0.002% |
| 39 | 5.441 | 5.421 | 5.454 | PV | 584    | 6303   | 0.03% | 0.002% |
| 40 | 5.484 | 5.454 | 5.521 | VV | 2966   | 39573  | 0.21% | 0.012% |
| 41 | 5.536 | 5.521 | 5.585 | VV | 410    | 5414   | 0.03% | 0.002% |
| 42 | 5.623 | 5.585 | 5.645 | PV | 417    | 6462   | 0.03% | 0.002% |
| 43 | 5.664 | 5.645 | 5.675 | VV | 257    | 2820   | 0.01% | 0.001% |
| 44 | 5.700 | 5.675 | 5.716 | VV | 2707   | 32527  | 0.17% | 0.010% |
| 45 | 5.738 | 5.716 | 5.852 | VV | 3961   | 90011  | 0.47% | 0.028% |
| 46 | 5.868 | 5.852 | 5.903 | VV | 370    | 5507   | 0.03% | 0.002% |
| 47 | 5.923 | 5.903 | 5.958 | PV | 570    | 8918   | 0.05% | 0.003% |
| 48 | 5.985 | 5.958 | 6.012 | VV | 26405  | 246724 | 1.30% | 0.076% |
| 49 | 6.032 | 6.012 | 6.065 | VV | 1114   | 14474  | 0.08% | 0.004% |
| 50 | 6.081 | 6.065 | 6.104 | VV | 531    | 7474   | 0.04% | 0.002% |
| 51 | 6.134 | 6.104 | 6.181 | VV | 616    | 11511  | 0.06% | 0.004% |
| 52 | 6.221 | 6.181 | 6.245 | VV | 381    | 8594   | 0.05% | 0.003% |
| 53 | 6.268 | 6.245 | 6.291 | VV | 696    | 9817   | 0.05% | 0.003% |
| 54 | 6.305 | 6.291 | 6.321 | VV | 166    | 1752   | 0.01% | 0.001% |
| 55 | 6.368 | 6.321 | 6.401 | VV | 756    | 16334  | 0.09% | 0.005% |
| 56 | 6.418 | 6.401 | 6.463 | VV | 1037   | 13536  | 0.07% | 0.004% |
| 57 | 6.480 | 6.463 | 6.496 | VV | 286    | 3370   | 0.02% | 0.001% |
| 58 | 6.505 | 6.496 | 6.518 | VV | 207    | 1741   | 0.01% | 0.001% |
| 59 | 6.536 | 6.518 | 6.584 | VV | 450    | 10682  | 0.06% | 0.003% |
| 60 | 6.614 | 6.584 | 6.650 | VV | 932    | 15044  | 0.08% | 0.005% |
| 61 | 6.694 | 6.650 | 6.707 | PV | 394    | 6599   | 0.03% | 0.002% |
| 62 | 6.734 | 6.707 | 6.768 | VV | 2530   | 40554  | 0.21% | 0.012% |
| 63 | 6.783 | 6.768 | 6.802 | VV | 1171   | 19104  | 0.10% | 0.006% |
| 64 | 6.817 | 6.802 | 6.835 | VV | 1499   | 18337  | 0.10% | 0.006% |
| 65 | 6.849 | 6.835 | 6.869 | VV | 858    | 11898  | 0.06% | 0.004% |
| 66 | 6.884 | 6.869 | 6.895 | VV | 449    | 6153   | 0.03% | 0.002% |
| 67 | 6.944 | 6.895 | 6.965 | VV | 2476   | 45924  | 0.24% | 0.014% |
| 68 | 6.990 | 6.965 | 7.003 | VV | 1565   | 29447  | 0.15% | 0.009% |
| 69 | 7.037 | 7.003 | 7.062 | VV | 31327  | 325185 | 1.71% | 0.100% |
| 70 | 7.091 | 7.062 | 7.105 | VV | 924    | 19759  | 0.10% | 0.006% |
| 71 | 7.128 | 7.105 | 7.147 | VV | 1852   | 27412  | 0.14% | 0.008% |
| 72 | 7.172 | 7.147 | 7.204 | VV | 48797  | 466703 | 2.45% | 0.143% |
| 73 | 7.234 | 7.204 | 7.250 | VV | 536    | 9265   | 0.05% | 0.003% |
| 74 | 7.265 | 7.250 | 7.279 | VV | 414    | 5420   | 0.03% | 0.002% |
| 75 | 7.302 | 7.279 | 7.315 | VV | 414    | 5180   | 0.03% | 0.002% |
| 76 | 7.337 | 7.315 | 7.371 | VV | 1233   | 16473  | 0.09% | 0.005% |
| 77 | 7.394 | 7.371 | 7.447 | VV | 530    | 13753  | 0.07% | 0.004% |
| 78 | 7.463 | 7.447 | 7.480 | VV | 359    | 3955   | 0.02% | 0.001% |
| 79 | 7.510 | 7.480 | 7.530 | VV | 499    | 7661   | 0.04% | 0.002% |
| 80 | 7.550 | 7.530 | 7.581 | VV | 433    | 7543   | 0.04% | 0.002% |
| 81 | 7.701 | 7.693 | 7.715 | VV | 214    | 2389   | 0.01% | 0.001% |
| 82 | 7.760 | 7.715 | 7.833 | VV | 5951   | 88052  | 0.46% | 0.027% |
| 83 | 7.859 | 7.833 | 7.878 | VV | 1696   | 16847  | 0.09% | 0.005% |
| 84 | 7.916 | 7.878 | 7.945 | VV | 8047   | 122782 | 0.65% | 0.038% |
| 85 | 7.953 | 7.945 | 7.971 | VV | 2032   | 27633  | 0.15% | 0.008% |
| 86 | 8.013 | 7.971 | 8.070 | VV | 25311  | 525593 | 2.76% | 0.161% |
| 87 | 8.087 | 8.070 | 8.100 | VV | 1371   | 16508  | 0.09% | 0.005% |
| 88 | 8.131 | 8.100 | 8.146 | VV | 57579  | 619048 | 3.25% | 0.189% |
| 89 | 8.159 | 8.146 | 8.174 | VV | 37300  | 371170 | 1.95% | 0.114% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 90     | 8.184  | 8.174  | 8.231  | VV | 13566  | 171560  | 0.90%  | 0.053% |
| 91     | 8.264  | 8.231  | 8.275  | VV | 22565  | 241368  | 1.27%  | 0.074% |
| 92     | 8.315  | 8.275  | 8.353  | VV | 139058 | 1788727 | 9.40%  | 0.547% |
| 93     | 8.368  | 8.353  | 8.385  | VV | 4084   | 52147   | 0.27%  | 0.016% |
| 94     | 8.404  | 8.385  | 8.436  | VV | 13333  | 139735  | 0.73%  | 0.043% |
| 95     | 8.454  | 8.436  | 8.485  | VV | 1498   | 20632   | 0.11%  | 0.006% |
| 96     | 8.558  | 8.540  | 8.581  | VV | 7785   | 84599   | 0.44%  | 0.026% |
| 97     | 8.609  | 8.581  | 8.634  | VV | 98323  | 974566  | 5.12%  | 0.298% |
| 98     | 8.654  | 8.634  | 8.695  | VV | 10198  | 134399  | 0.71%  | 0.041% |
| 99     | 8.725  | 8.695  | 8.760  | VV | 5050   | 110586  | 0.58%  | 0.034% |
| 100    | 8.771  | 8.760  | 8.784  | VV | 1850   | 18642   | 0.10%  | 0.006% |
| 101    | 8.796  | 8.784  | 8.812  | VV | 1690   | 19627   | 0.10%  | 0.006% |
| 102    | 8.848  | 8.812  | 8.859  | VV | 13798  | 167811  | 0.88%  | 0.051% |
| 103    | 8.879  | 8.859  | 8.904  | VV | 118416 | 1168682 | 6.14%  | 0.358% |
| 104    | 8.919  | 8.904  | 8.941  | VV | 4603   | 58723   | 0.31%  | 0.018% |
| 105    | 8.971  | 8.941  | 8.991  | VV | 5808   | 88447   | 0.46%  | 0.027% |
| 106    | 9.017  | 8.991  | 9.038  | VV | 19352  | 231356  | 1.22%  | 0.071% |
| 107    | 9.057  | 9.038  | 9.093  | VV | 22419  | 264802  | 1.39%  | 0.081% |
| 108    | 9.112  | 9.093  | 9.142  | VV | 5067   | 60089   | 0.32%  | 0.018% |
| 109    | 9.172  | 9.142  | 9.188  | VV | 21245  | 235712  | 1.24%  | 0.072% |
| 110    | 9.203  | 9.188  | 9.223  | VV | 17365  | 175610  | 0.92%  | 0.054% |
| 111    | 9.254  | 9.223  | 9.273  | VV | 14267  | 172591  | 0.91%  | 0.053% |
| 112    | 9.308  | 9.273  | 9.329  | VV | 18935  | 274729  | 1.44%  | 0.084% |
| 113    | 9.348  | 9.329  | 9.363  | VV | 11698  | 129068  | 0.68%  | 0.039% |
| 114    | 9.391  | 9.363  | 9.444  | VV | 307856 | 3308296 | 17.38% | 1.012% |
| 115    | 9.468  | 9.444  | 9.498  | VV | 18807  | 329746  | 1.73%  | 0.101% |
| 116    | 9.535  | 9.498  | 9.556  | VV | 30005  | 538235  | 2.83%  | 0.165% |
| 117    | 9.567  | 9.556  | 9.581  | VV | 10562  | 112487  | 0.59%  | 0.034% |
| 118    | 9.598  | 9.581  | 9.627  | VV | 14848  | 196468  | 1.03%  | 0.060% |
| 119    | 9.648  | 9.627  | 9.680  | VV | 15149  | 187668  | 0.99%  | 0.057% |
| 120    | 9.709  | 9.680  | 9.734  | VV | 54726  | 661226  | 3.47%  | 0.202% |
| 121    | 9.757  | 9.734  | 9.777  | VV | 5951   | 111113  | 0.58%  | 0.034% |
| 122    | 9.809  | 9.777  | 9.849  | VV | 78256  | 1060767 | 5.57%  | 0.325% |
| 123    | 9.870  | 9.849  | 9.892  | VV | 12822  | 143579  | 0.75%  | 0.044% |
| 124    | 9.906  | 9.892  | 9.931  | VV | 3102   | 44960   | 0.24%  | 0.014% |
| 125    | 9.970  | 9.931  | 9.996  | VV | 4611   | 85086   | 0.45%  | 0.026% |
| 126    | 10.006 | 9.996  | 10.025 | VV | 1554   | 16025   | 0.08%  | 0.005% |
| 127    | 10.046 | 10.025 | 10.054 | PV | 222    | 1606    | 0.01%  | 0.000% |
| 128    | 10.075 | 10.054 | 10.087 | VV | 1833   | 20257   | 0.11%  | 0.006% |
| 129    | 10.097 | 10.087 | 10.110 | VV | 1344   | 14445   | 0.08%  | 0.004% |
| 130    | 10.132 | 10.110 | 10.140 | VV | 7416   | 78534   | 0.41%  | 0.024% |
| 131    | 10.155 | 10.140 | 10.172 | VV | 12577  | 149225  | 0.78%  | 0.046% |
| 132    | 10.186 | 10.172 | 10.207 | VV | 5205   | 76697   | 0.40%  | 0.023% |
| 133    | 10.267 | 10.207 | 10.289 | VV | 63287  | 915364  | 4.81%  | 0.280% |
| 134    | 10.307 | 10.289 | 10.344 | VV | 26877  | 340555  | 1.79%  | 0.104% |
| 135    | 10.384 | 10.344 | 10.415 | VV | 36687  | 555505  | 2.92%  | 0.170% |
| 136    | 10.434 | 10.415 | 10.491 | VV | 26296  | 444808  | 2.34%  | 0.136% |
| 137    | 10.555 | 10.491 | 10.567 | VV | 33603  | 596041  | 3.13%  | 0.182% |
| 138    | 10.589 | 10.567 | 10.628 | VV | 70344  | 1070072 | 5.62%  | 0.327% |
| 139    | 10.659 | 10.628 | 10.669 | VV | 7957   | 139743  | 0.73%  | 0.043% |
| 140    | 10.689 | 10.669 | 10.709 | VV | 22981  | 317424  | 1.67%  | 0.097% |
| 141    | 10.721 | 10.709 | 10.738 | VV | 7822   | 113201  | 0.59%  | 0.035% |

| rteres |        |        |        |    |         |          |         |        |
|--------|--------|--------|--------|----|---------|----------|---------|--------|
| 142    | 10.798 | 10.738 | 10.835 | VV | 1024547 | 12460455 | 65.48%  | 3.813% |
| 143    | 10.865 | 10.835 | 10.901 | VV | 369442  | 3967232  | 20.85%  | 1.214% |
| 144    | 10.910 | 10.901 | 10.922 | VV | 5598    | 60516    | 0.32%   | 0.019% |
| 145    | 10.937 | 10.922 | 10.968 | VV | 7602    | 115484   | 0.61%   | 0.035% |
| 146    | 10.990 | 10.968 | 11.012 | VV | 3721    | 63685    | 0.33%   | 0.019% |
| 147    | 11.029 | 11.012 | 11.048 | VV | 2644    | 36304    | 0.19%   | 0.011% |
| 148    | 11.071 | 11.048 | 11.114 | VV | 24548   | 381150   | 2.00%   | 0.117% |
| 149    | 11.144 | 11.114 | 11.160 | PV | 6533    | 107736   | 0.57%   | 0.033% |
| 150    | 11.186 | 11.160 | 11.219 | VV | 11200   | 269683   | 1.42%   | 0.083% |
| 151    | 11.235 | 11.219 | 11.253 | VV | 12748   | 172979   | 0.91%   | 0.053% |
| 152    | 11.320 | 11.253 | 11.352 | VV | 37427   | 950008   | 4.99%   | 0.291% |
| 153    | 11.383 | 11.352 | 11.406 | VV | 22792   | 339073   | 1.78%   | 0.104% |
| 154    | 11.435 | 11.406 | 11.455 | VV | 23373   | 323344   | 1.70%   | 0.099% |
| 155    | 11.475 | 11.455 | 11.499 | VV | 11963   | 178617   | 0.94%   | 0.055% |
| 156    | 11.512 | 11.499 | 11.520 | VV | 3710    | 36992    | 0.19%   | 0.011% |
| 157    | 11.556 | 11.520 | 11.575 | VV | 502362  | 5463728  | 28.71%  | 1.672% |
| 158    | 11.588 | 11.575 | 11.602 | VV | 127878  | 1436719  | 7.55%   | 0.440% |
| 159    | 11.619 | 11.602 | 11.657 | VV | 192925  | 2126966  | 11.18%  | 0.651% |
| 160    | 11.705 | 11.657 | 11.723 | VV | 243634  | 3639827  | 19.13%  | 1.114% |
| 161    | 11.736 | 11.723 | 11.749 | VV | 85424   | 910499   | 4.78%   | 0.279% |
| 162    | 11.766 | 11.749 | 11.793 | VV | 125345  | 1452129  | 7.63%   | 0.444% |
| 163    | 11.805 | 11.793 | 11.817 | VV | 2986    | 31387    | 0.16%   | 0.010% |
| 164    | 11.840 | 11.817 | 11.861 | VV | 8045    | 118431   | 0.62%   | 0.036% |
| 165    | 11.902 | 11.861 | 11.919 | VV | 12887   | 236593   | 1.24%   | 0.072% |
| 166    | 11.941 | 11.919 | 11.959 | VV | 36301   | 442162   | 2.32%   | 0.135% |
| 167    | 11.972 | 11.959 | 12.027 | VV | 13475   | 338172   | 1.78%   | 0.103% |
| 168    | 12.054 | 12.027 | 12.076 | VV | 101986  | 1172991  | 6.16%   | 0.359% |
| 169    | 12.110 | 12.076 | 12.127 | VV | 11638   | 294953   | 1.55%   | 0.090% |
| 170    | 12.147 | 12.127 | 12.175 | VV | 35511   | 468060   | 2.46%   | 0.143% |
| 171    | 12.199 | 12.175 | 12.216 | VV | 10451   | 174053   | 0.91%   | 0.053% |
| 172    | 12.232 | 12.216 | 12.248 | VV | 7894    | 113020   | 0.59%   | 0.035% |
| 173    | 12.261 | 12.248 | 12.270 | VV | 6047    | 71631    | 0.38%   | 0.022% |
| 174    | 12.325 | 12.270 | 12.350 | VV | 17381   | 494588   | 2.60%   | 0.151% |
| 175    | 12.373 | 12.350 | 12.412 | VV | 34892   | 678586   | 3.57%   | 0.208% |
| 176    | 12.438 | 12.412 | 12.464 | VV | 77293   | 1107519  | 5.82%   | 0.339% |
| 177    | 12.486 | 12.464 | 12.507 | VV | 83814   | 1196693  | 6.29%   | 0.366% |
| 178    | 12.527 | 12.507 | 12.573 | VV | 36920   | 1203784  | 6.33%   | 0.368% |
| 179    | 12.620 | 12.573 | 12.644 | VV | 1326036 | 19029968 | 100.00% | 5.824% |
| 180    | 12.662 | 12.644 | 12.680 | VV | 17489   | 190416   | 1.00%   | 0.058% |
| 181    | 12.697 | 12.680 | 12.708 | VV | 7870    | 91734    | 0.48%   | 0.028% |
| 182    | 12.735 | 12.708 | 12.750 | VV | 49796   | 673687   | 3.54%   | 0.206% |
| 183    | 12.766 | 12.750 | 12.774 | VV | 42680   | 499792   | 2.63%   | 0.153% |
| 184    | 12.785 | 12.774 | 12.802 | VV | 52067   | 648515   | 3.41%   | 0.198% |
| 185    | 12.818 | 12.802 | 12.871 | VV | 37932   | 961288   | 5.05%   | 0.294% |
| 186    | 12.915 | 12.871 | 12.936 | VV | 1081597 | 14889367 | 78.24%  | 4.556% |
| 187    | 12.985 | 12.936 | 13.019 | VV | 525053  | 7135619  | 37.50%  | 2.184% |
| 188    | 13.037 | 13.019 | 13.046 | VV | 9354    | 118382   | 0.62%   | 0.036% |
| 189    | 13.068 | 13.046 | 13.084 | VV | 56924   | 685790   | 3.60%   | 0.210% |
| 190    | 13.094 | 13.084 | 13.120 | VV | 27005   | 308978   | 1.62%   | 0.095% |
| 191    | 13.161 | 13.120 | 13.185 | PV | 90557   | 1224063  | 6.43%   | 0.375% |
| 192    | 13.195 | 13.185 | 13.208 | VV | 14201   | 175426   | 0.92%   | 0.054% |
| 193    | 13.232 | 13.208 | 13.256 | VV | 33695   | 543127   | 2.85%   | 0.166% |
| 194    | 13.292 | 13.256 | 13.327 | VV | 57923   | 952947   | 5.01%   | 0.292% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 195    | 13.355 | 13.327 | 13.422 | VV | 123047 | 2044093  | 10.74% | 0.626% |
| 196    | 13.487 | 13.422 | 13.521 | VV | 278623 | 4478112  | 23.53% | 1.370% |
| 197    | 13.551 | 13.521 | 13.567 | VV | 30560  | 473697   | 2.49%  | 0.145% |
| 198    | 13.594 | 13.567 | 13.614 | VV | 166348 | 2225024  | 11.69% | 0.681% |
| 199    | 13.633 | 13.614 | 13.656 | VV | 137847 | 1634003  | 8.59%  | 0.500% |
| 200    | 13.667 | 13.656 | 13.687 | VV | 17210  | 251712   | 1.32%  | 0.077% |
| 201    | 13.761 | 13.687 | 13.781 | VV | 104342 | 2723650  | 14.31% | 0.833% |
| 202    | 13.801 | 13.781 | 13.837 | VV | 107526 | 1432474  | 7.53%  | 0.438% |
| 203    | 13.871 | 13.837 | 13.890 | VV | 31149  | 538153   | 2.83%  | 0.165% |
| 204    | 13.907 | 13.890 | 13.931 | VV | 18256  | 313266   | 1.65%  | 0.096% |
| 205    | 13.978 | 13.931 | 13.996 | VV | 14788  | 406239   | 2.13%  | 0.124% |
| 206    | 14.007 | 13.996 | 14.024 | VV | 10678  | 123557   | 0.65%  | 0.038% |
| 207    | 14.034 | 14.024 | 14.046 | VV | 5011   | 46255    | 0.24%  | 0.014% |
| 208    | 14.064 | 14.046 | 14.098 | VV | 11843  | 152114   | 0.80%  | 0.047% |
| 209    | 14.118 | 14.098 | 14.131 | VV | 5967   | 67285    | 0.35%  | 0.021% |
| 210    | 14.180 | 14.131 | 14.196 | VV | 49540  | 1036788  | 5.45%  | 0.317% |
| 211    | 14.215 | 14.196 | 14.250 | VV | 96772  | 1390351  | 7.31%  | 0.425% |
| 212    | 14.293 | 14.250 | 14.301 | VV | 28797  | 600550   | 3.16%  | 0.184% |
| 213    | 14.317 | 14.301 | 14.356 | VV | 38367  | 722066   | 3.79%  | 0.221% |
| 214    | 14.392 | 14.356 | 14.431 | VV | 100488 | 1938828  | 10.19% | 0.593% |
| 215    | 14.458 | 14.431 | 14.480 | VV | 216267 | 2961868  | 15.56% | 0.906% |
| 216    | 14.519 | 14.480 | 14.549 | VV | 120044 | 2307413  | 12.13% | 0.706% |
| 217    | 14.580 | 14.549 | 14.597 | VV | 20959  | 379382   | 1.99%  | 0.116% |
| 218    | 14.639 | 14.597 | 14.695 | VV | 46171  | 1118818  | 5.88%  | 0.342% |
| 219    | 14.721 | 14.695 | 14.740 | VV | 39328  | 498281   | 2.62%  | 0.152% |
| 220    | 14.780 | 14.740 | 14.800 | VV | 630340 | 10058705 | 52.86% | 3.078% |
| 221    | 14.824 | 14.800 | 14.846 | VV | 677796 | 8565489  | 45.01% | 2.621% |
| 222    | 14.858 | 14.846 | 14.885 | VV | 24916  | 296445   | 1.56%  | 0.091% |
| 223    | 14.931 | 14.885 | 14.983 | VV | 164293 | 3023590  | 15.89% | 0.925% |
| 224    | 15.004 | 14.983 | 15.037 | VV | 37888  | 595736   | 3.13%  | 0.182% |
| 225    | 15.069 | 15.037 | 15.089 | PV | 44233  | 786898   | 4.14%  | 0.241% |
| 226    | 15.109 | 15.089 | 15.157 | VV | 66284  | 1486814  | 7.81%  | 0.455% |
| 227    | 15.208 | 15.157 | 15.236 | VV | 68544  | 1510179  | 7.94%  | 0.462% |
| 228    | 15.248 | 15.236 | 15.273 | VV | 27906  | 409679   | 2.15%  | 0.125% |
| 229    | 15.304 | 15.273 | 15.321 | VV | 22131  | 362265   | 1.90%  | 0.111% |
| 230    | 15.347 | 15.321 | 15.368 | VV | 24787  | 466985   | 2.45%  | 0.143% |
| 231    | 15.394 | 15.368 | 15.413 | VV | 43603  | 710934   | 3.74%  | 0.218% |
| 232    | 15.440 | 15.413 | 15.460 | VV | 183021 | 2477080  | 13.02% | 0.758% |
| 233    | 15.477 | 15.460 | 15.504 | VV | 88950  | 1331194  | 7.00%  | 0.407% |
| 234    | 15.523 | 15.504 | 15.541 | VV | 58563  | 823169   | 4.33%  | 0.252% |
| 235    | 15.598 | 15.541 | 15.632 | VV | 123332 | 3410200  | 17.92% | 1.044% |
| 236    | 15.673 | 15.632 | 15.699 | VV | 53338  | 1002887  | 5.27%  | 0.307% |
| 237    | 15.714 | 15.699 | 15.733 | VV | 11985  | 188486   | 0.99%  | 0.058% |
| 238    | 15.757 | 15.733 | 15.782 | VV | 39623  | 618240   | 3.25%  | 0.189% |
| 239    | 15.793 | 15.782 | 15.811 | VV | 12769  | 187305   | 0.98%  | 0.057% |
| 240    | 15.858 | 15.811 | 15.887 | VV | 34678  | 899648   | 4.73%  | 0.275% |
| 241    | 15.901 | 15.887 | 15.912 | VV | 6944   | 85602    | 0.45%  | 0.026% |
| 242    | 15.931 | 15.912 | 15.948 | VV | 11282  | 173380   | 0.91%  | 0.053% |
| 243    | 15.963 | 15.948 | 15.980 | VV | 9758   | 123939   | 0.65%  | 0.038% |
| 244    | 16.058 | 15.980 | 16.085 | VV | 32872  | 1083544  | 5.69%  | 0.332% |
| 245    | 16.107 | 16.085 | 16.125 | VV | 40390  | 588665   | 3.09%  | 0.180% |
| 246    | 16.139 | 16.125 | 16.160 | VV | 24003  | 411732   | 2.16%  | 0.126% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 247    | 16.235 | 16.160 | 16.254 | VV | 42915  | 1424717  | 7.49%  | 0.436% |
| 248    | 16.265 | 16.254 | 16.288 | VV | 33334  | 474847   | 2.50%  | 0.145% |
| 249    | 16.341 | 16.288 | 16.390 | VV | 659826 | 16182022 | 85.03% | 4.952% |
| 250    | 16.404 | 16.390 | 16.424 | VV | 17045  | 284074   | 1.49%  | 0.087% |
| 251    | 16.458 | 16.424 | 16.477 | VV | 212175 | 2697327  | 14.17% | 0.825% |
| 252    | 16.487 | 16.477 | 16.531 | VV | 40555  | 680577   | 3.58%  | 0.208% |
| 253    | 16.542 | 16.531 | 16.552 | VV | 12156  | 134765   | 0.71%  | 0.041% |
| 254    | 16.573 | 16.552 | 16.590 | VV | 34278  | 512440   | 2.69%  | 0.157% |
| 255    | 16.635 | 16.590 | 16.644 | VV | 337767 | 5047267  | 26.52% | 1.545% |
| 256    | 16.655 | 16.644 | 16.680 | VV | 369338 | 4740946  | 24.91% | 1.451% |
| 257    | 16.721 | 16.680 | 16.749 | VV | 595589 | 9289835  | 48.82% | 2.843% |
| 258    | 16.808 | 16.749 | 16.830 | VV | 217588 | 3237049  | 17.01% | 0.991% |
| 259    | 16.848 | 16.830 | 16.875 | VV | 46471  | 793385   | 4.17%  | 0.243% |
| 260    | 16.945 | 16.875 | 16.985 | VV | 69796  | 2540239  | 13.35% | 0.777% |
| 261    | 17.000 | 16.985 | 17.021 | VV | 30180  | 445565   | 2.34%  | 0.136% |
| 262    | 17.064 | 17.021 | 17.136 | VV | 108481 | 3522479  | 18.51% | 1.078% |
| 263    | 17.161 | 17.136 | 17.173 | VV | 26448  | 374470   | 1.97%  | 0.115% |
| 264    | 17.200 | 17.173 | 17.210 | VV | 55273  | 926189   | 4.87%  | 0.283% |
| 265    | 17.222 | 17.210 | 17.257 | VV | 59514  | 993127   | 5.22%  | 0.304% |
| 266    | 17.283 | 17.257 | 17.300 | VV | 50552  | 828360   | 4.35%  | 0.253% |
| 267    | 17.310 | 17.300 | 17.329 | VV | 33036  | 441446   | 2.32%  | 0.135% |
| 268    | 17.357 | 17.329 | 17.380 | VV | 85948  | 1375920  | 7.23%  | 0.421% |
| 269    | 17.392 | 17.380 | 17.432 | VV | 28495  | 558176   | 2.93%  | 0.171% |
| 270    | 17.472 | 17.432 | 17.512 | VV | 30362  | 798264   | 4.19%  | 0.244% |
| 271    | 17.534 | 17.512 | 17.580 | VV | 15110  | 353719   | 1.86%  | 0.108% |
| 272    | 17.652 | 17.580 | 17.661 | VV | 31843  | 892127   | 4.69%  | 0.273% |
| 273    | 17.681 | 17.661 | 17.711 | VV | 43210  | 884026   | 4.65%  | 0.271% |
| 274    | 17.753 | 17.711 | 17.767 | VV | 30549  | 671214   | 3.53%  | 0.205% |
| 275    | 17.787 | 17.767 | 17.809 | VV | 43969  | 783626   | 4.12%  | 0.240% |
| 276    | 17.837 | 17.809 | 17.885 | VV | 54019  | 1693800  | 8.90%  | 0.518% |
| 277    | 17.924 | 17.885 | 17.943 | VV | 25228  | 677268   | 3.56%  | 0.207% |
| 278    | 17.974 | 17.943 | 18.038 | VV | 130975 | 2907542  | 15.28% | 0.890% |
| 279    | 18.078 | 18.038 | 18.133 | VV | 379073 | 7742529  | 40.69% | 2.369% |
| 280    | 18.147 | 18.133 | 18.170 | VV | 57540  | 822111   | 4.32%  | 0.252% |
| 281    | 18.199 | 18.170 | 18.215 | VV | 135218 | 1878814  | 9.87%  | 0.575% |
| 282    | 18.230 | 18.215 | 18.291 | VV | 103361 | 2165098  | 11.38% | 0.663% |
| 283    | 18.334 | 18.291 | 18.377 | VV | 352925 | 5627750  | 29.57% | 1.722% |
| 284    | 18.403 | 18.377 | 18.422 | VV | 50644  | 921302   | 4.84%  | 0.282% |
| 285    | 18.452 | 18.422 | 18.480 | VV | 156769 | 2407139  | 12.65% | 0.737% |
| 286    | 18.504 | 18.480 | 18.523 | VV | 22376  | 384375   | 2.02%  | 0.118% |
| 287    | 18.543 | 18.523 | 18.585 | VV | 27462  | 664548   | 3.49%  | 0.203% |
| 288    | 18.621 | 18.585 | 18.643 | VV | 38724  | 815404   | 4.28%  | 0.250% |
| 289    | 18.657 | 18.643 | 18.668 | VV | 19313  | 253439   | 1.33%  | 0.078% |
| 290    | 18.696 | 18.668 | 18.705 | VV | 22929  | 455472   | 2.39%  | 0.139% |
| 291    | 18.745 | 18.705 | 18.768 | VV | 54392  | 1178771  | 6.19%  | 0.361% |
| 292    | 18.788 | 18.768 | 18.805 | VV | 27497  | 523138   | 2.75%  | 0.160% |
| 293    | 18.827 | 18.805 | 18.858 | VV | 51095  | 914757   | 4.81%  | 0.280% |
| 294    | 18.883 | 18.858 | 18.904 | VV | 36822  | 776163   | 4.08%  | 0.238% |
| 295    | 18.914 | 18.904 | 18.935 | VV | 29059  | 438968   | 2.31%  | 0.134% |
| 296    | 18.949 | 18.935 | 18.961 | VV | 19417  | 271029   | 1.42%  | 0.083% |
| 297    | 18.985 | 18.961 | 19.044 | VV | 58005  | 1476230  | 7.76%  | 0.452% |
| 298    | 19.064 | 19.044 | 19.077 | VV | 14803  | 243698   | 1.28%  | 0.075% |
| 299    | 19.100 | 19.077 | 19.128 | VV | 17177  | 441265   | 2.32%  | 0.135% |

|     |        |        |        |    |                         |           |        |        |
|-----|--------|--------|--------|----|-------------------------|-----------|--------|--------|
|     |        |        |        |    | rteres                  |           |        |        |
| 300 | 19.161 | 19.128 | 19.191 | VV | 20513                   | 592732    | 3.11%  | 0.181% |
| 301 | 19.201 | 19.191 | 19.215 | VV | 12267                   | 161429    | 0.85%  | 0.049% |
| 302 | 19.233 | 19.215 | 19.244 | VV | 15043                   | 227102    | 1.19%  | 0.069% |
| 303 | 19.279 | 19.244 | 19.303 | VV | 19686                   | 617744    | 3.25%  | 0.189% |
| 304 | 19.323 | 19.303 | 19.364 | VV | 26486                   | 641044    | 3.37%  | 0.196% |
| 305 | 19.402 | 19.364 | 19.430 | VV | 34906                   | 881865    | 4.63%  | 0.270% |
| 306 | 19.472 | 19.430 | 19.497 | VV | 159484                  | 3215244   | 16.90% | 0.984% |
| 307 | 19.540 | 19.497 | 19.566 | VV | 167391                  | 3752040   | 19.72% | 1.148% |
| 308 | 19.593 | 19.566 | 19.611 | VV | 64561                   | 1592030   | 8.37%  | 0.487% |
| 309 | 19.625 | 19.611 | 19.645 | VV | 70218                   | 1124635   | 5.91%  | 0.344% |
| 310 | 19.660 | 19.645 | 19.690 | VV | 44497                   | 878679    | 4.62%  | 0.269% |
| 311 | 19.748 | 19.690 | 19.782 | VV | 51627                   | 1484537   | 7.80%  | 0.454% |
| 312 | 19.850 | 19.782 | 19.876 | VV | 187101                  | 4265106   | 22.41% | 1.305% |
| 313 | 19.912 | 19.876 | 19.960 | VV | 84599                   | 2609317   | 13.71% | 0.799% |
| 314 | 19.986 | 19.960 | 20.010 | VV | 64125                   | 1325203   | 6.96%  | 0.406% |
| 315 | 20.024 | 20.010 | 20.065 | VV | 30491                   | 953070    | 5.01%  | 0.292% |
| 316 | 20.111 | 20.065 | 20.144 | VV | 41009                   | 1568587   | 8.24%  | 0.480% |
| 317 | 20.185 | 20.144 | 20.231 | VV | 35587                   | 1624109   | 8.53%  | 0.497% |
| 318 | 20.261 | 20.231 | 20.283 | VV | 34323                   | 952984    | 5.01%  | 0.292% |
| 319 | 20.317 | 20.283 | 20.336 | VV | 34913                   | 1007400   | 5.29%  | 0.308% |
| 320 | 20.346 | 20.336 | 20.427 | VV | 32481                   | 1582763   | 8.32%  | 0.484% |
| 321 | 20.480 | 20.427 | 20.503 | VV | 33632                   | 1316725   | 6.92%  | 0.403% |
| 322 | 20.518 | 20.503 | 20.551 | VV | 30610                   | 741674    | 3.90%  | 0.227% |
| 323 | 20.568 | 20.551 | 20.594 | VV | 22812                   | 515146    | 2.71%  | 0.158% |
| 324 | 20.612 | 20.594 | 20.623 | VV | 18616                   | 314811    | 1.65%  | 0.096% |
| 325 | 20.662 | 20.623 | 20.686 | VV | 22802                   | 789749    | 4.15%  | 0.242% |
| 326 | 20.698 | 20.686 | 20.727 | VV | 22603                   | 506153    | 2.66%  | 0.155% |
| 327 | 20.745 | 20.727 | 20.782 | VV | 17975                   | 562787    | 2.96%  | 0.172% |
| 328 | 20.828 | 20.782 | 20.892 | VV | 34084                   | 1498292   | 7.87%  | 0.459% |
| 329 | 20.924 | 20.892 | 20.955 | VV | 22608                   | 543217    | 2.85%  | 0.166% |
| 330 | 21.028 | 20.955 | 21.059 | VV | 28549                   | 994268    | 5.22%  | 0.304% |
| 331 | 21.109 | 21.059 | 21.141 | VV | 30396                   | 977186    | 5.13%  | 0.299% |
| 332 | 21.203 | 21.141 | 21.327 | VV | 53911                   | 2732233   | 14.36% | 0.836% |
| 333 | 21.357 | 21.327 | 21.377 | VV | 14647                   | 280587    | 1.47%  | 0.086% |
| 334 | 21.399 | 21.377 | 21.445 | VV | 17844                   | 350728    | 1.84%  | 0.107% |
| 335 | 21.488 | 21.445 | 21.530 | PV | 33643                   | 640625    | 3.37%  | 0.196% |
| 336 | 21.566 | 21.530 | 21.594 | VV | 23916                   | 420093    | 2.21%  | 0.129% |
| 337 | 21.616 | 21.594 | 21.640 | VV | 11649                   | 188542    | 0.99%  | 0.058% |
| 338 | 21.664 | 21.640 | 21.682 | PV | 9327                    | 119709    | 0.63%  | 0.037% |
|     |        |        |        |    | Sum of corrected areas: | 326775666 |        |        |

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