

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD031120AL\  
 Data File : FD032590.D  
 Signal(s) : FID2B.CH  
 Acq On : 11 Mar 2020 19:27  
 Sample : L1669-05  
 Misc :  
 ALS Vial : 59 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 030420.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         | 3.342       | 3.305        | 3.372      | BV       | 499            | 5640         | 0.08%          | 0.004%        |
| 2         | 3.416       | 3.404        | 3.448      | PV       | 99             | 1947         | 0.03%          | 0.001%        |
| 3         | 3.465       | 3.448        | 3.508      | VV       | 168            | 4710         | 0.06%          | 0.003%        |
| 4         | 3.534       | 3.508        | 3.548      | VV       | 207            | 3851         | 0.05%          | 0.003%        |
| 5         | 3.554       | 3.548        | 3.578      | VV       | 184            | 2614         | 0.04%          | 0.002%        |
| 6         | 3.584       | 3.578        | 3.595      | VV       | 177            | 1706         | 0.02%          | 0.001%        |
| 7         | 3.621       | 3.595        | 3.675      | VV       | 663            | 13265        | 0.18%          | 0.009%        |
| 8         | 3.711       | 3.675        | 3.779      | VV       | 1198           | 23028        | 0.32%          | 0.016%        |
| 9         | 3.809       | 3.779        | 3.863      | VV       | 746            | 17390        | 0.24%          | 0.012%        |
| 10        | 3.892       | 3.863        | 3.925      | VV       | 485            | 12597        | 0.17%          | 0.009%        |
| 11        | 3.932       | 3.925        | 3.956      | VV       | 352            | 5582         | 0.08%          | 0.004%        |
| 12        | 3.980       | 3.956        | 4.002      | VV       | 963            | 15802        | 0.22%          | 0.011%        |
| 13        | 4.011       | 4.002        | 4.057      | VV       | 854            | 18471        | 0.25%          | 0.013%        |
| 14        | 4.078       | 4.057        | 4.101      | VV       | 477            | 9160         | 0.13%          | 0.006%        |
| 15        | 4.148       | 4.101        | 4.165      | VV       | 468            | 14231        | 0.20%          | 0.010%        |
| 16        | 4.191       | 4.165        | 4.234      | VV       | 658            | 20268        | 0.28%          | 0.014%        |
| 17        | 4.245       | 4.234        | 4.265      | VV       | 483            | 7179         | 0.10%          | 0.005%        |
| 18        | 4.275       | 4.265        | 4.312      | VV       | 406            | 10106        | 0.14%          | 0.007%        |
| 19        | 4.334       | 4.312        | 4.365      | VV       | 406            | 11557        | 0.16%          | 0.008%        |
| 20        | 4.382       | 4.365        | 4.402      | VV       | 644            | 9824         | 0.13%          | 0.007%        |
| 21        | 4.428       | 4.402        | 4.441      | VV       | 448            | 8878         | 0.12%          | 0.006%        |
| 22        | 4.457       | 4.441        | 4.511      | VV       | 531            | 15712        | 0.22%          | 0.011%        |
| 23        | 4.532       | 4.511        | 4.565      | VV       | 1240           | 17315        | 0.24%          | 0.012%        |
| 24        | 4.585       | 4.565        | 4.626      | VV       | 579            | 15507        | 0.21%          | 0.011%        |
| 25        | 4.634       | 4.626        | 4.709      | VV       | 338            | 12418        | 0.17%          | 0.009%        |
| 26        | 4.727       | 4.709        | 4.791      | VV       | 271            | 11046        | 0.15%          | 0.008%        |
| 27        | 4.801       | 4.791        | 4.823      | VV       | 248            | 3858         | 0.05%          | 0.003%        |
| 28        | 4.831       | 4.823        | 4.844      | VV       | 194            | 2045         | 0.03%          | 0.001%        |
| 29        | 4.854       | 4.844        | 4.942      | VV       | 188            | 9089         | 0.12%          | 0.006%        |
| 30        | 4.951       | 4.942        | 4.961      | VV       | 191            | 1806         | 0.02%          | 0.001%        |
| 31        | 4.977       | 4.961        | 5.002      | VV       | 349            | 5241         | 0.07%          | 0.004%        |
| 32        | 5.012       | 5.002        | 5.054      | VV       | 339            | 6621         | 0.09%          | 0.005%        |
| 33        | 5.063       | 5.054        | 5.081      | VV       | 243            | 3114         | 0.04%          | 0.002%        |
| 34        | 5.101       | 5.081        | 5.178      | VV       | 266            | 9512         | 0.13%          | 0.007%        |
| 35        | 5.185       | 5.178        | 5.215      | VV       | 131            | 2718         | 0.04%          | 0.002%        |
| 36        | 5.236       | 5.215        | 5.273      | VV       | 643            | 9064         | 0.12%          | 0.006%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 37 | 5.277 | 5.273 | 5.288 | VV | 164    | 1123  | 0.02% | 0.001% |
| 38 | 5.306 | 5.288 | 5.315 | VV | 192    | 1935  | 0.03% | 0.001% |
| 39 | 5.322 | 5.315 | 5.346 | VV | 152    | 1996  | 0.03% | 0.001% |
| 40 | 5.351 | 5.346 | 5.368 | VV | 150    | 1265  | 0.02% | 0.001% |
| 41 | 5.378 | 5.368 | 5.397 | VV | 145    | 1629  | 0.02% | 0.001% |
| 42 | 5.411 | 5.397 | 5.442 | VV | 237    | 3927  | 0.05% | 0.003% |
| 43 | 5.458 | 5.442 | 5.488 | VV | 463    | 6280  | 0.09% | 0.004% |
| 44 | 5.510 | 5.488 | 5.523 | VV | 211    | 2755  | 0.04% | 0.002% |
| 45 | 5.532 | 5.523 | 5.558 | VV | 138    | 1946  | 0.03% | 0.001% |
| 46 | 5.582 | 5.558 | 5.592 | VV | 201    | 2711  | 0.04% | 0.002% |
| 47 | 5.598 | 5.592 | 5.622 | VV | 159    | 1750  | 0.02% | 0.001% |
| 48 | 5.632 | 5.622 | 5.662 | VV | 104    | 2100  | 0.03% | 0.001% |
| 49 | 5.667 | 5.662 | 5.745 | VV | 128    | 4357  | 0.06% | 0.003% |
| 50 | 5.761 | 5.745 | 5.771 | VV | 208    | 1883  | 0.03% | 0.001% |
| 51 | 5.784 | 5.771 | 5.832 | VV | 174    | 3984  | 0.05% | 0.003% |
| 52 | 5.840 | 5.832 | 5.865 | VV | 105    | 1847  | 0.03% | 0.001% |
| 53 | 5.869 | 5.865 | 5.885 | VV | 242    | 1599  | 0.02% | 0.001% |
| 54 | 5.961 | 5.885 | 5.990 | VV | 1784   | 26596 | 0.36% | 0.019% |
| 55 | 6.004 | 5.990 | 6.029 | VV | 340    | 5943  | 0.08% | 0.004% |
| 56 | 6.041 | 6.029 | 6.082 | VV | 215    | 5259  | 0.07% | 0.004% |
| 57 | 6.110 | 6.082 | 6.164 | VV | 1107   | 16655 | 0.23% | 0.012% |
| 58 | 6.181 | 6.164 | 6.193 | PV | 177    | 1616  | 0.02% | 0.001% |
| 59 | 6.235 | 6.211 | 6.252 | VV | 225    | 2877  | 0.04% | 0.002% |
| 60 | 6.265 | 6.252 | 6.277 | VV | 120    | 1247  | 0.02% | 0.001% |
| 61 | 6.310 | 6.277 | 6.329 | VV | 191    | 3203  | 0.04% | 0.002% |
| 62 | 6.336 | 6.329 | 6.365 | VV | 88     | 1274  | 0.02% | 0.001% |
| 63 | 6.389 | 6.365 | 6.415 | VV | 152    | 2795  | 0.04% | 0.002% |
| 64 | 6.442 | 6.415 | 6.458 | PV | 157    | 1978  | 0.03% | 0.001% |
| 65 | 6.481 | 6.458 | 6.528 | VV | 172    | 3845  | 0.05% | 0.003% |
| 66 | 6.543 | 6.528 | 6.575 | VV | 217    | 3377  | 0.05% | 0.002% |
| 67 | 6.606 | 6.575 | 6.618 | VV | 151    | 2789  | 0.04% | 0.002% |
| 68 | 6.654 | 6.618 | 6.691 | VV | 241    | 5411  | 0.07% | 0.004% |
| 69 | 6.706 | 6.691 | 6.764 | VV | 183    | 4634  | 0.06% | 0.003% |
| 70 | 6.786 | 6.764 | 6.825 | PV | 258    | 3607  | 0.05% | 0.003% |
| 71 | 6.856 | 6.825 | 6.871 | PV | 384    | 5324  | 0.07% | 0.004% |
| 72 | 6.895 | 6.871 | 6.922 | VV | 345    | 8575  | 0.12% | 0.006% |
| 73 | 6.948 | 6.922 | 6.968 | VV | 392    | 6946  | 0.10% | 0.005% |
| 74 | 7.010 | 6.968 | 7.027 | VV | 493    | 7849  | 0.11% | 0.006% |
| 75 | 7.045 | 7.027 | 7.070 | VV | 441    | 6017  | 0.08% | 0.004% |
| 76 | 7.089 | 7.070 | 7.127 | VV | 505    | 7561  | 0.10% | 0.005% |
| 77 | 7.144 | 7.127 | 7.157 | PV | 251    | 2261  | 0.03% | 0.002% |
| 78 | 7.183 | 7.157 | 7.205 | VV | 382    | 6549  | 0.09% | 0.005% |
| 79 | 7.220 | 7.205 | 7.245 | VV | 227    | 3484  | 0.05% | 0.002% |
| 80 | 7.309 | 7.245 | 7.342 | PV | 536    | 16157 | 0.22% | 0.011% |
| 81 | 7.353 | 7.342 | 7.372 | VV | 356    | 5518  | 0.08% | 0.004% |
| 82 | 7.398 | 7.372 | 7.415 | VV | 386    | 8597  | 0.12% | 0.006% |
| 83 | 7.433 | 7.415 | 7.449 | VV | 473    | 7760  | 0.11% | 0.005% |
| 84 | 7.486 | 7.449 | 7.518 | VV | 810    | 24178 | 0.33% | 0.017% |
| 85 | 7.533 | 7.518 | 7.547 | VV | 299    | 5163  | 0.07% | 0.004% |
| 86 | 7.687 | 7.673 | 7.699 | VV | 1683   | 24774 | 0.34% | 0.017% |
| 87 | 7.733 | 7.699 | 7.767 | VV | 2830   | 79674 | 1.09% | 0.056% |
| 88 | 7.784 | 7.767 | 7.804 | VV | 1655   | 32326 | 0.44% | 0.023% |
| 89 | 7.819 | 7.804 | 7.832 | VV | 1328   | 20326 | 0.28% | 0.014% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 7.876  | 7.832  | 7.895  | VV | 1980   | 58840   | 0.81%  | 0.041% |
| 91  | 7.914  | 7.895  | 7.957  | VV | 2972   | 74505   | 1.02%  | 0.053% |
| 92  | 7.992  | 7.957  | 8.008  | VV | 2414   | 64821   | 0.89%  | 0.046% |
| 93  | 8.019  | 8.008  | 8.032  | VV | 2278   | 30572   | 0.42%  | 0.022% |
| 94  | 8.059  | 8.032  | 8.085  | VV | 2775   | 76142   | 1.04%  | 0.054% |
| 95  | 8.100  | 8.085  | 8.115  | VV | 2493   | 41678   | 0.57%  | 0.029% |
| 96  | 8.176  | 8.115  | 8.204  | VV | 3716   | 162007  | 2.22%  | 0.114% |
| 97  | 8.235  | 8.204  | 8.267  | VV | 17177  | 253914  | 3.48%  | 0.179% |
| 98  | 8.285  | 8.267  | 8.298  | VV | 4300   | 73988   | 1.01%  | 0.052% |
| 99  | 8.335  | 8.298  | 8.376  | VV | 6972   | 223935  | 3.07%  | 0.158% |
| 100 | 8.395  | 8.376  | 8.410  | VV | 4795   | 88162   | 1.21%  | 0.062% |
| 101 | 8.438  | 8.410  | 8.452  | VV | 4919   | 116682  | 1.60%  | 0.082% |
| 102 | 8.564  | 8.541  | 8.587  | VV | 8306   | 201379  | 2.76%  | 0.142% |
| 103 | 8.630  | 8.587  | 8.650  | VV | 10884  | 307207  | 4.21%  | 0.217% |
| 104 | 8.667  | 8.650  | 8.677  | VV | 8416   | 124230  | 1.70%  | 0.088% |
| 105 | 8.694  | 8.677  | 8.725  | VV | 11280  | 260827  | 3.57%  | 0.184% |
| 106 | 8.789  | 8.725  | 8.806  | VV | 9417   | 385717  | 5.29%  | 0.272% |
| 107 | 8.825  | 8.806  | 8.837  | VV | 9271   | 160786  | 2.20%  | 0.113% |
| 108 | 8.851  | 8.837  | 8.877  | VV | 9518   | 214031  | 2.93%  | 0.151% |
| 109 | 8.915  | 8.877  | 8.948  | VV | 10936  | 404801  | 5.55%  | 0.285% |
| 110 | 8.960  | 8.948  | 8.971  | VV | 9429   | 125174  | 1.72%  | 0.088% |
| 111 | 8.990  | 8.971  | 9.014  | VV | 10360  | 248085  | 3.40%  | 0.175% |
| 112 | 9.036  | 9.014  | 9.046  | VV | 10679  | 197114  | 2.70%  | 0.139% |
| 113 | 9.078  | 9.046  | 9.103  | VV | 11993  | 375919  | 5.15%  | 0.265% |
| 114 | 9.130  | 9.103  | 9.164  | VV | 11449  | 392429  | 5.38%  | 0.277% |
| 115 | 9.194  | 9.164  | 9.209  | VV | 14441  | 330919  | 4.54%  | 0.233% |
| 116 | 9.220  | 9.209  | 9.258  | VV | 13102  | 368714  | 5.05%  | 0.260% |
| 117 | 9.301  | 9.258  | 9.338  | VV | 14729  | 644807  | 8.84%  | 0.455% |
| 118 | 9.380  | 9.338  | 9.415  | VV | 20815  | 748698  | 10.26% | 0.528% |
| 119 | 9.441  | 9.415  | 9.482  | VV | 17261  | 632608  | 8.67%  | 0.446% |
| 120 | 9.546  | 9.482  | 9.569  | VV | 17523  | 864093  | 11.84% | 0.609% |
| 121 | 9.627  | 9.569  | 9.641  | VV | 17458  | 725185  | 9.94%  | 0.511% |
| 122 | 9.652  | 9.641  | 9.661  | VV | 17405  | 211426  | 2.90%  | 0.149% |
| 123 | 9.680  | 9.661  | 9.691  | VV | 18786  | 322315  | 4.42%  | 0.227% |
| 124 | 9.729  | 9.691  | 9.752  | VV | 20825  | 714336  | 9.79%  | 0.504% |
| 125 | 9.771  | 9.752  | 9.792  | VV | 21865  | 490128  | 6.72%  | 0.345% |
| 126 | 9.822  | 9.792  | 9.835  | VV | 21258  | 537531  | 7.37%  | 0.379% |
| 127 | 9.868  | 9.835  | 9.912  | VV | 22927  | 999441  | 13.70% | 0.704% |
| 128 | 9.940  | 9.912  | 9.978  | VV | 23297  | 896152  | 12.28% | 0.632% |
| 129 | 10.002 | 9.978  | 10.022 | VV | 24559  | 620376  | 8.50%  | 0.437% |
| 130 | 10.041 | 10.022 | 10.055 | VV | 25142  | 491849  | 6.74%  | 0.347% |
| 131 | 10.084 | 10.055 | 10.094 | VV | 26051  | 597275  | 8.19%  | 0.421% |
| 132 | 10.115 | 10.094 | 10.127 | VV | 27811  | 526663  | 7.22%  | 0.371% |
| 133 | 10.154 | 10.127 | 10.177 | VV | 36392  | 930290  | 12.75% | 0.656% |
| 134 | 10.202 | 10.177 | 10.219 | VV | 30942  | 752072  | 10.31% | 0.530% |
| 135 | 10.240 | 10.219 | 10.264 | VV | 31581  | 838296  | 11.49% | 0.591% |
| 136 | 10.301 | 10.264 | 10.327 | VV | 35568  | 1194572 | 16.37% | 0.842% |
| 137 | 10.349 | 10.327 | 10.359 | VV | 31460  | 593302  | 8.13%  | 0.418% |
| 138 | 10.364 | 10.359 | 10.378 | VV | 31354  | 359094  | 4.92%  | 0.253% |
| 139 | 10.404 | 10.378 | 10.416 | VV | 35060  | 769146  | 10.54% | 0.542% |
| 140 | 10.435 | 10.416 | 10.458 | VV | 35656  | 859194  | 11.77% | 0.606% |
| 141 | 10.502 | 10.458 | 10.520 | VV | 39644  | 1333859 | 18.28% | 0.940% |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 142    | 10.575 | 10.520 | 10.600 | VV | 62152  | 2186803 | 29.97%  | 1.541% |
| 143    | 10.616 | 10.600 | 10.648 | VV | 42256  | 1157211 | 15.86%  | 0.816% |
| 144    | 10.660 | 10.648 | 10.679 | VV | 38000  | 699828  | 9.59%   | 0.493% |
| 145    | 10.705 | 10.679 | 10.720 | VV | 40586  | 957895  | 13.13%  | 0.675% |
| 146    | 10.750 | 10.720 | 10.767 | VV | 50347  | 1241268 | 17.01%  | 0.875% |
| 147    | 10.778 | 10.767 | 10.800 | VV | 44090  | 846767  | 11.60%  | 0.597% |
| 148    | 10.826 | 10.800 | 10.862 | VV | 45542  | 1553729 | 21.29%  | 1.095% |
| 149    | 10.879 | 10.862 | 10.893 | VV | 44352  | 825499  | 11.31%  | 0.582% |
| 150    | 10.910 | 10.893 | 10.940 | VV | 44598  | 1211649 | 16.61%  | 0.854% |
| 151    | 10.952 | 10.940 | 10.960 | VV | 42590  | 515024  | 7.06%   | 0.363% |
| 152    | 10.983 | 10.960 | 10.996 | VV | 47176  | 983128  | 13.47%  | 0.693% |
| 153    | 11.007 | 10.996 | 11.020 | VV | 45757  | 652384  | 8.94%   | 0.460% |
| 154    | 11.035 | 11.020 | 11.078 | VV | 46427  | 1575608 | 21.59%  | 1.111% |
| 155    | 11.093 | 11.078 | 11.113 | VV | 45981  | 956461  | 13.11%  | 0.674% |
| 156    | 11.167 | 11.113 | 11.188 | VV | 47688  | 2077948 | 28.48%  | 1.465% |
| 157    | 11.202 | 11.188 | 11.215 | VV | 47920  | 770975  | 10.57%  | 0.543% |
| 158    | 11.221 | 11.215 | 11.258 | VV | 47623  | 1204235 | 16.50%  | 0.849% |
| 159    | 11.293 | 11.258 | 11.345 | VV | 69930  | 2742982 | 37.59%  | 1.933% |
| 160    | 11.358 | 11.345 | 11.381 | VV | 46436  | 979418  | 13.42%  | 0.690% |
| 161    | 11.398 | 11.381 | 11.415 | VV | 46153  | 913814  | 12.52%  | 0.644% |
| 162    | 11.445 | 11.415 | 11.472 | VV | 48480  | 1601552 | 21.95%  | 1.129% |
| 163    | 11.520 | 11.472 | 11.548 | VV | 516035 | 7296838 | 100.00% | 5.143% |
| 164    | 11.579 | 11.548 | 11.599 | VV | 50384  | 1499234 | 20.55%  | 1.057% |
| 165    | 11.608 | 11.599 | 11.627 | VV | 49073  | 798082  | 10.94%  | 0.563% |
| 166    | 11.666 | 11.627 | 11.682 | VV | 50801  | 1636387 | 22.43%  | 1.153% |
| 167    | 11.699 | 11.682 | 11.745 | VV | 51366  | 1881315 | 25.78%  | 1.326% |
| 168    | 11.752 | 11.745 | 11.786 | VV | 49836  | 1179432 | 16.16%  | 0.831% |
| 169    | 11.813 | 11.786 | 11.823 | VV | 48991  | 1078500 | 14.78%  | 0.760% |
| 170    | 11.849 | 11.823 | 11.925 | VV | 55994  | 3029605 | 41.52%  | 2.136% |
| 171    | 11.969 | 11.925 | 12.008 | VV | 50458  | 2403248 | 32.94%  | 1.694% |
| 172    | 12.021 | 12.008 | 12.045 | VV | 47295  | 1005820 | 13.78%  | 0.709% |
| 173    | 12.115 | 12.045 | 12.158 | VV | 85114  | 3558427 | 48.77%  | 2.508% |
| 174    | 12.175 | 12.158 | 12.216 | VV | 47627  | 1568417 | 21.49%  | 1.106% |
| 175    | 12.230 | 12.216 | 12.252 | VV | 45169  | 949199  | 13.01%  | 0.669% |
| 176    | 12.261 | 12.252 | 12.276 | VV | 45011  | 655732  | 8.99%   | 0.462% |
| 177    | 12.286 | 12.276 | 12.314 | VV | 44591  | 993704  | 13.62%  | 0.700% |
| 178    | 12.351 | 12.314 | 12.405 | VV | 44818  | 2340231 | 32.07%  | 1.650% |
| 179    | 12.432 | 12.405 | 12.461 | VV | 43993  | 1451178 | 19.89%  | 1.023% |
| 180    | 12.470 | 12.461 | 12.488 | VV | 42375  | 662575  | 9.08%   | 0.467% |
| 181    | 12.507 | 12.488 | 12.535 | VV | 43941  | 1196081 | 16.39%  | 0.843% |
| 182    | 12.560 | 12.535 | 12.588 | VV | 62239  | 1511852 | 20.72%  | 1.066% |
| 183    | 12.602 | 12.588 | 12.637 | VV | 41330  | 1187366 | 16.27%  | 0.837% |
| 184    | 12.650 | 12.637 | 12.679 | VV | 39719  | 962010  | 13.18%  | 0.678% |
| 185    | 12.691 | 12.679 | 12.742 | VV | 37363  | 1384250 | 18.97%  | 0.976% |
| 186    | 12.769 | 12.742 | 12.814 | VV | 37429  | 1575198 | 21.59%  | 1.110% |
| 187    | 12.858 | 12.814 | 12.889 | VV | 53510  | 1793918 | 24.58%  | 1.265% |
| 188    | 12.950 | 12.889 | 12.981 | VV | 358253 | 5757250 | 78.90%  | 4.058% |
| 189    | 13.002 | 12.981 | 13.032 | VV | 37111  | 1066487 | 14.62%  | 0.752% |
| 190    | 13.045 | 13.032 | 13.078 | VV | 34704  | 937359  | 12.85%  | 0.661% |
| 191    | 13.092 | 13.078 | 13.105 | VV | 32706  | 519465  | 7.12%   | 0.366% |
| 192    | 13.126 | 13.105 | 13.141 | VV | 35784  | 734664  | 10.07%  | 0.518% |
| 193    | 13.168 | 13.141 | 13.264 | VV | 38275  | 2414247 | 33.09%  | 1.702% |
| 194    | 13.277 | 13.264 | 13.298 | VV | 30839  | 613732  | 8.41%   | 0.433% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.339 | 13.298 | 13.369 | VV | 37918  | 1321066 | 18.10% | 0.931% |
| 196 | 13.383 | 13.369 | 13.406 | VV | 28693  | 615293  | 8.43%  | 0.434% |
| 197 | 13.441 | 13.406 | 13.478 | VV | 29032  | 1181412 | 16.19% | 0.833% |
| 198 | 13.493 | 13.478 | 13.504 | VV | 24939  | 385385  | 5.28%  | 0.272% |
| 199 | 13.551 | 13.504 | 13.573 | VV | 26795  | 1040106 | 14.25% | 0.733% |
| 200 | 13.595 | 13.573 | 13.672 | VV | 25572  | 1423390 | 19.51% | 1.003% |
| 201 | 13.694 | 13.672 | 13.735 | VV | 23848  | 860889  | 11.80% | 0.607% |
| 202 | 13.753 | 13.735 | 13.812 | VV | 22322  | 959592  | 13.15% | 0.676% |
| 203 | 13.841 | 13.812 | 13.890 | VV | 20636  | 923403  | 12.65% | 0.651% |
| 204 | 13.928 | 13.890 | 13.986 | VV | 20710  | 1087624 | 14.91% | 0.767% |
| 205 | 13.995 | 13.986 | 14.051 | VV | 17667  | 655338  | 8.98%  | 0.462% |
| 206 | 14.085 | 14.051 | 14.116 | VV | 18611  | 665549  | 9.12%  | 0.469% |
| 207 | 14.133 | 14.116 | 14.162 | VV | 15956  | 426541  | 5.85%  | 0.301% |
| 208 | 14.179 | 14.162 | 14.234 | VV | 16259  | 646449  | 8.86%  | 0.456% |
| 209 | 14.255 | 14.234 | 14.299 | VV | 14800  | 536031  | 7.35%  | 0.378% |
| 210 | 14.317 | 14.299 | 14.335 | VV | 13904  | 285827  | 3.92%  | 0.201% |
| 211 | 14.354 | 14.335 | 14.398 | VV | 15494  | 517268  | 7.09%  | 0.365% |
| 212 | 14.416 | 14.398 | 14.448 | VV | 14378  | 376418  | 5.16%  | 0.265% |
| 213 | 14.479 | 14.448 | 14.577 | VV | 13712  | 846783  | 11.60% | 0.597% |
| 214 | 14.597 | 14.577 | 14.618 | VV | 9367   | 226280  | 3.10%  | 0.160% |
| 215 | 14.639 | 14.618 | 14.665 | VV | 9210   | 249168  | 3.41%  | 0.176% |
| 216 | 14.681 | 14.665 | 14.697 | VV | 8841   | 160466  | 2.20%  | 0.113% |
| 217 | 14.726 | 14.697 | 14.746 | VV | 18400  | 361007  | 4.95%  | 0.254% |
| 218 | 14.766 | 14.746 | 14.818 | VV | 19162  | 474606  | 6.50%  | 0.335% |
| 219 | 14.837 | 14.818 | 14.867 | VV | 8021   | 214340  | 2.94%  | 0.151% |
| 220 | 14.887 | 14.867 | 14.914 | VV | 8693   | 204327  | 2.80%  | 0.144% |
| 221 | 14.925 | 14.914 | 15.007 | VV | 6498   | 323751  | 4.44%  | 0.228% |
| 222 | 15.033 | 15.007 | 15.140 | VV | 6156   | 404358  | 5.54%  | 0.285% |
| 223 | 15.171 | 15.140 | 15.255 | VV | 36788  | 772383  | 10.59% | 0.544% |
| 224 | 15.268 | 15.255 | 15.286 | VV | 3829   | 67864   | 0.93%  | 0.048% |
| 225 | 15.312 | 15.286 | 15.346 | VV | 6845   | 180872  | 2.48%  | 0.127% |
| 226 | 15.391 | 15.346 | 15.418 | VV | 6448   | 211279  | 2.90%  | 0.149% |
| 227 | 15.437 | 15.418 | 15.465 | VV | 4466   | 97525   | 1.34%  | 0.069% |
| 228 | 15.480 | 15.465 | 15.506 | VV | 2526   | 57953   | 0.79%  | 0.041% |
| 229 | 15.533 | 15.506 | 15.545 | VV | 3553   | 68337   | 0.94%  | 0.048% |
| 230 | 15.557 | 15.545 | 15.597 | VV | 3360   | 83737   | 1.15%  | 0.059% |
| 231 | 15.630 | 15.597 | 15.657 | VV | 2495   | 72954   | 1.00%  | 0.051% |
| 232 | 15.685 | 15.657 | 15.705 | VV | 3197   | 69166   | 0.95%  | 0.049% |
| 233 | 15.718 | 15.705 | 15.744 | VV | 2580   | 43366   | 0.59%  | 0.031% |
| 234 | 15.768 | 15.744 | 15.787 | VV | 2085   | 41455   | 0.57%  | 0.029% |
| 235 | 15.810 | 15.787 | 15.844 | VV | 3511   | 69567   | 0.95%  | 0.049% |
| 236 | 15.871 | 15.844 | 15.914 | VV | 3858   | 67211   | 0.92%  | 0.047% |
| 237 | 15.925 | 15.914 | 15.955 | VV | 527    | 9553    | 0.13%  | 0.007% |
| 238 | 16.001 | 15.955 | 16.047 | VV | 1358   | 42607   | 0.58%  | 0.030% |
| 239 | 16.066 | 16.047 | 16.084 | VV | 986    | 15046   | 0.21%  | 0.011% |
| 240 | 16.102 | 16.084 | 16.118 | VV | 1092   | 18207   | 0.25%  | 0.013% |
| 241 | 16.129 | 16.118 | 16.147 | VV | 853    | 13026   | 0.18%  | 0.009% |
| 242 | 16.178 | 16.147 | 16.234 | VV | 22901  | 385432  | 5.28%  | 0.272% |
| 243 | 16.280 | 16.234 | 16.335 | VV | 17314  | 398596  | 5.46%  | 0.281% |
| 244 | 16.362 | 16.335 | 16.387 | VV | 2701   | 36439   | 0.50%  | 0.026% |
| 245 | 16.409 | 16.387 | 16.482 | VV | 2618   | 41697   | 0.57%  | 0.029% |
| 246 | 16.504 | 16.482 | 16.514 | PV | 265    | 3052    | 0.04%  | 0.002% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 16.528 | 16.514 | 16.541 | VV | 283    | 4016    | 0.06%  | 0.003% |
| 248 | 16.596 | 16.541 | 16.624 | VV | 9159   | 140652  | 1.93%  | 0.099% |
| 249 | 16.653 | 16.624 | 16.699 | VV | 11880  | 166677  | 2.28%  | 0.117% |
| 250 | 16.722 | 16.699 | 16.731 | VV | 1486   | 17138   | 0.23%  | 0.012% |
| 251 | 16.755 | 16.731 | 16.780 | VV | 8381   | 117575  | 1.61%  | 0.083% |
| 252 | 16.831 | 16.780 | 16.865 | VV | 28619  | 481261  | 6.60%  | 0.339% |
| 253 | 16.893 | 16.865 | 16.931 | VV | 847    | 17231   | 0.24%  | 0.012% |
| 254 | 16.957 | 16.931 | 16.968 | PV | 266    | 3172    | 0.04%  | 0.002% |
| 255 | 17.020 | 16.968 | 17.050 | VV | 1415   | 38717   | 0.53%  | 0.027% |
| 256 | 17.062 | 17.050 | 17.072 | VV | 578    | 6558    | 0.09%  | 0.005% |
| 257 | 17.117 | 17.072 | 17.170 | VV | 51619  | 852344  | 11.68% | 0.601% |
| 258 | 17.204 | 17.170 | 17.257 | VV | 30033  | 448487  | 6.15%  | 0.316% |
| 259 | 17.287 | 17.257 | 17.340 | VV | 3030   | 78664   | 1.08%  | 0.055% |
| 260 | 17.369 | 17.340 | 17.392 | VV | 1373   | 22037   | 0.30%  | 0.016% |
| 261 | 17.419 | 17.392 | 17.445 | PV | 626    | 11213   | 0.15%  | 0.008% |
| 262 | 17.489 | 17.445 | 17.509 | PV | 563    | 13417   | 0.18%  | 0.009% |
| 263 | 17.565 | 17.509 | 17.586 | VV | 2534   | 49095   | 0.67%  | 0.035% |
| 264 | 17.638 | 17.586 | 17.669 | VV | 8666   | 174624  | 2.39%  | 0.123% |
| 265 | 17.727 | 17.669 | 17.772 | VV | 27564  | 428345  | 5.87%  | 0.302% |
| 266 | 17.815 | 17.772 | 17.837 | VV | 1766   | 55515   | 0.76%  | 0.039% |
| 267 | 17.865 | 17.837 | 17.894 | VV | 2990   | 57359   | 0.79%  | 0.040% |
| 268 | 17.929 | 17.894 | 17.940 | VV | 2702   | 43139   | 0.59%  | 0.030% |
| 269 | 17.956 | 17.940 | 17.967 | VV | 3460   | 45639   | 0.63%  | 0.032% |
| 270 | 17.994 | 17.967 | 18.033 | VV | 28524  | 591983  | 8.11%  | 0.417% |
| 271 | 18.059 | 18.033 | 18.125 | VV | 43712  | 693264  | 9.50%  | 0.489% |
| 272 | 18.153 | 18.125 | 18.173 | VV | 6554   | 106355  | 1.46%  | 0.075% |
| 273 | 18.186 | 18.173 | 18.245 | VV | 3079   | 72723   | 1.00%  | 0.051% |
| 274 | 18.271 | 18.245 | 18.295 | VV | 7589   | 110027  | 1.51%  | 0.078% |
| 275 | 18.348 | 18.295 | 18.381 | VV | 3725   | 132136  | 1.81%  | 0.093% |
| 276 | 18.410 | 18.381 | 18.421 | VV | 4989   | 82085   | 1.12%  | 0.058% |
| 277 | 18.459 | 18.421 | 18.513 | VV | 9381   | 312571  | 4.28%  | 0.220% |
| 278 | 18.568 | 18.513 | 18.607 | VV | 35068  | 714236  | 9.79%  | 0.503% |
| 279 | 18.622 | 18.607 | 18.642 | VV | 6527   | 108108  | 1.48%  | 0.076% |
| 280 | 18.664 | 18.642 | 18.696 | VV | 9184   | 166076  | 2.28%  | 0.117% |
| 281 | 18.744 | 18.696 | 18.760 | VV | 3641   | 103334  | 1.42%  | 0.073% |
| 282 | 18.817 | 18.760 | 18.844 | VV | 52377  | 1012967 | 13.88% | 0.714% |
| 283 | 18.863 | 18.844 | 18.903 | VV | 26901  | 527547  | 7.23%  | 0.372% |
| 284 | 18.936 | 18.903 | 18.956 | VV | 12008  | 272323  | 3.73%  | 0.192% |
| 285 | 18.991 | 18.956 | 19.041 | VV | 12806  | 361533  | 4.95%  | 0.255% |
| 286 | 19.096 | 19.041 | 19.187 | VV | 13458  | 459599  | 6.30%  | 0.324% |
| 287 | 19.211 | 19.187 | 19.230 | VV | 3863   | 80318   | 1.10%  | 0.057% |
| 288 | 19.306 | 19.230 | 19.326 | VV | 12334  | 320651  | 4.39%  | 0.226% |
| 289 | 19.354 | 19.326 | 19.383 | VV | 27300  | 460355  | 6.31%  | 0.324% |
| 290 | 19.420 | 19.383 | 19.470 | VV | 6262   | 243609  | 3.34%  | 0.172% |
| 291 | 19.522 | 19.470 | 19.556 | VV | 7355   | 268694  | 3.68%  | 0.189% |
| 292 | 19.590 | 19.556 | 19.634 | VV | 36351  | 739293  | 10.13% | 0.521% |
| 293 | 19.647 | 19.634 | 19.679 | VV | 8011   | 166379  | 2.28%  | 0.117% |
| 294 | 19.701 | 19.679 | 19.734 | VV | 4805   | 144301  | 1.98%  | 0.102% |
| 295 | 19.801 | 19.734 | 19.827 | VV | 8157   | 326028  | 4.47%  | 0.230% |
| 296 | 19.858 | 19.827 | 19.879 | VV | 6302   | 188254  | 2.58%  | 0.133% |
| 297 | 19.906 | 19.879 | 19.924 | VV | 6453   | 162412  | 2.23%  | 0.114% |
| 298 | 19.940 | 19.924 | 20.000 | VV | 6295   | 262875  | 3.60%  | 0.185% |
| 299 | 20.018 | 20.000 | 20.043 | VV | 5221   | 124691  | 1.71%  | 0.088% |

|     |        |        |        |    |                         |        |           |        |
|-----|--------|--------|--------|----|-------------------------|--------|-----------|--------|
|     |        |        |        |    | rteres                  |        |           |        |
| 300 | 20.096 | 20.043 | 20.165 | VV | 10036                   | 426841 | 5.85%     | 0.301% |
| 301 | 20.211 | 20.165 | 20.253 | VV | 5365                    | 267812 | 3.67%     | 0.189% |
| 302 | 20.323 | 20.253 | 20.346 | VV | 8856                    | 400346 | 5.49%     | 0.282% |
| 303 | 20.366 | 20.346 | 20.414 | VV | 8026                    | 290746 | 3.98%     | 0.205% |
| 304 | 20.434 | 20.414 | 20.458 | VV | 6398                    | 163244 | 2.24%     | 0.115% |
| 305 | 20.490 | 20.458 | 20.517 | VV | 6788                    | 218907 | 3.00%     | 0.154% |
| 306 | 20.537 | 20.517 | 20.564 | VV | 6089                    | 162436 | 2.23%     | 0.114% |
| 307 | 20.576 | 20.564 | 20.621 | VV | 5487                    | 183235 | 2.51%     | 0.129% |
| 308 | 20.638 | 20.621 | 20.650 | VV | 5249                    | 91719  | 1.26%     | 0.065% |
| 309 | 20.680 | 20.650 | 20.738 | VV | 6731                    | 287720 | 3.94%     | 0.203% |
| 310 | 20.807 | 20.738 | 20.818 | VV | 5254                    | 233431 | 3.20%     | 0.165% |
| 311 | 20.830 | 20.818 | 20.864 | VV | 5149                    | 131705 | 1.80%     | 0.093% |
| 312 | 20.879 | 20.864 | 20.964 | VV | 4517                    | 237307 | 3.25%     | 0.167% |
| 313 | 20.994 | 20.964 | 21.037 | VV | 3518                    | 140091 | 1.92%     | 0.099% |
| 314 | 21.096 | 21.037 | 21.118 | VV | 3655                    | 156511 | 2.14%     | 0.110% |
| 315 | 21.152 | 21.118 | 21.207 | VV | 3874                    | 175674 | 2.41%     | 0.124% |
| 316 | 21.222 | 21.207 | 21.248 | VV | 2819                    | 65389  | 0.90%     | 0.046% |
| 317 | 21.322 | 21.248 | 21.383 | VV | 2781                    | 190191 | 2.61%     | 0.134% |
| 318 | 21.402 | 21.383 | 21.417 | VV | 1334                    | 24760  | 0.34%     | 0.017% |
| 319 | 21.447 | 21.417 | 21.489 | VV | 1318                    | 46284  | 0.63%     | 0.033% |
| 320 | 21.521 | 21.489 | 21.534 | VV | 1004                    | 21529  | 0.30%     | 0.015% |
| 321 | 21.568 | 21.534 | 21.652 | VV | 1669                    | 54251  | 0.74%     | 0.038% |
|     |        |        |        |    | Sum of corrected areas: |        | 141867091 |        |

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