

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC081618AL\  
 Data File : FC035927.D  
 Signal(s) : FID1A.CH  
 Acq On : 16 Aug 2018 23:45  
 Sample : J4269-03  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 080218.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         | 3.238       | 3.229        | 3.281      | PV       | 103            | 1889         | 0.02%          | 0.001%        |
| 2         | 3.318       | 3.281        | 3.353      | PV       | 242            | 3223         | 0.04%          | 0.002%        |
| 3         | 3.364       | 3.353        | 3.389      | VV       | 115            | 1662         | 0.02%          | 0.001%        |
| 4         | 3.410       | 3.389        | 3.435      | VV       | 173            | 2876         | 0.03%          | 0.002%        |
| 5         | 3.445       | 3.435        | 3.454      | PV       | 194            | 1033         | 0.01%          | 0.001%        |
| 6         | 3.475       | 3.454        | 3.497      | VV       | 184            | 2308         | 0.03%          | 0.002%        |
| 7         | 3.508       | 3.497        | 3.529      | VV       | 109            | 1904         | 0.02%          | 0.001%        |
| 8         | 3.535       | 3.529        | 3.583      | VV       | 312            | 3803         | 0.04%          | 0.003%        |
| 9         | 3.633       | 3.583        | 3.667      | VV       | 237            | 7492         | 0.09%          | 0.006%        |
| 10        | 3.682       | 3.667        | 3.694      | VV       | 198            | 2097         | 0.02%          | 0.002%        |
| 11        | 3.711       | 3.694        | 3.724      | VV       | 228            | 3008         | 0.03%          | 0.002%        |
| 12        | 3.733       | 3.724        | 3.756      | VV       | 181            | 2656         | 0.03%          | 0.002%        |
| 13        | 3.764       | 3.756        | 3.782      | VV       | 165            | 2355         | 0.03%          | 0.002%        |
| 14        | 3.795       | 3.782        | 3.815      | VV       | 328            | 3815         | 0.04%          | 0.003%        |
| 15        | 3.818       | 3.815        | 3.842      | VV       | 192            | 1846         | 0.02%          | 0.001%        |
| 16        | 3.849       | 3.842        | 3.857      | PV       | 196            | 1199         | 0.01%          | 0.001%        |
| 17        | 3.888       | 3.857        | 3.959      | VV       | 883            | 24033        | 0.27%          | 0.019%        |
| 18        | 3.969       | 3.959        | 3.992      | VV       | 314            | 5224         | 0.06%          | 0.004%        |
| 19        | 3.998       | 3.992        | 4.006      | VV       | 272            | 1723         | 0.02%          | 0.001%        |
| 20        | 4.019       | 4.006        | 4.030      | VV       | 322            | 3610         | 0.04%          | 0.003%        |
| 21        | 4.058       | 4.030        | 4.103      | VV       | 1348           | 23881        | 0.27%          | 0.019%        |
| 22        | 4.164       | 4.103        | 4.218      | VV       | 366            | 18591        | 0.21%          | 0.014%        |
| 23        | 4.233       | 4.218        | 4.309      | VV       | 301            | 11402        | 0.13%          | 0.009%        |
| 24        | 4.321       | 4.309        | 4.350      | VV       | 330            | 4861         | 0.06%          | 0.004%        |
| 25        | 4.357       | 4.350        | 4.377      | VV       | 239            | 2932         | 0.03%          | 0.002%        |
| 26        | 4.390       | 4.377        | 4.420      | VV       | 252            | 4765         | 0.05%          | 0.004%        |
| 27        | 4.439       | 4.420        | 4.469      | VV       | 529            | 7115         | 0.08%          | 0.006%        |
| 28        | 4.483       | 4.469        | 4.617      | VV       | 248            | 9906         | 0.11%          | 0.008%        |
| 29        | 4.637       | 4.617        | 4.656      | VV       | 221            | 3559         | 0.04%          | 0.003%        |
| 30        | 4.663       | 4.656        | 4.672      | VV       | 208            | 1585         | 0.02%          | 0.001%        |
| 31        | 4.683       | 4.672        | 4.708      | VV       | 230            | 3662         | 0.04%          | 0.003%        |
| 32        | 4.722       | 4.708        | 4.752      | VV       | 334            | 6005         | 0.07%          | 0.005%        |
| 33        | 4.759       | 4.752        | 4.799      | VV       | 156            | 3625         | 0.04%          | 0.003%        |
| 34        | 4.811       | 4.799        | 4.835      | VV       | 99             | 2066         | 0.02%          | 0.002%        |
| 35        | 4.882       | 4.856        | 4.898      | VV       | 280            | 4006         | 0.05%          | 0.003%        |
| 36        | 4.916       | 4.898        | 4.952      | VV       | 529            | 7174         | 0.08%          | 0.006%        |

|    |       |       |       |    |            |         |        |        |
|----|-------|-------|-------|----|------------|---------|--------|--------|
|    |       |       |       |    | rteres.txt |         |        |        |
| 37 | 4.976 | 4.952 | 4.988 | VV | 258        | 3659    | 0.04%  | 0.003% |
| 38 | 4.996 | 4.988 | 5.014 | VV | 205        | 2241    | 0.03%  | 0.002% |
| 39 | 5.036 | 5.014 | 5.055 | VV | 529        | 7255    | 0.08%  | 0.006% |
| 40 | 5.064 | 5.055 | 5.125 | VV | 418        | 10239   | 0.12%  | 0.008% |
| 41 | 5.145 | 5.125 | 5.217 | VV | 549        | 13514   | 0.15%  | 0.010% |
| 42 | 5.240 | 5.217 | 5.272 | PV | 159        | 2607    | 0.03%  | 0.002% |
| 43 | 5.339 | 5.272 | 5.347 | VV | 250        | 5329    | 0.06%  | 0.004% |
| 44 | 5.362 | 5.347 | 5.378 | VV | 323        | 4063    | 0.05%  | 0.003% |
| 45 | 5.395 | 5.378 | 5.483 | VV | 456        | 13573   | 0.16%  | 0.011% |
| 46 | 5.502 | 5.483 | 5.531 | VV | 249        | 4164    | 0.05%  | 0.003% |
| 47 | 5.542 | 5.531 | 5.574 | VV | 121        | 2557    | 0.03%  | 0.002% |
| 48 | 5.597 | 5.574 | 5.652 | VV | 203        | 6398    | 0.07%  | 0.005% |
| 49 | 5.673 | 5.652 | 5.711 | VV | 333        | 6759    | 0.08%  | 0.005% |
| 50 | 5.766 | 5.711 | 5.801 | VV | 282        | 10439   | 0.12%  | 0.008% |
| 51 | 5.807 | 5.801 | 5.842 | VV | 229        | 4713    | 0.05%  | 0.004% |
| 52 | 5.865 | 5.842 | 5.958 | VV | 803        | 22434   | 0.26%  | 0.017% |
| 53 | 5.972 | 5.958 | 5.985 | VV | 202        | 3525    | 0.04%  | 0.003% |
| 54 | 6.023 | 5.985 | 6.045 | VV | 366        | 10871   | 0.12%  | 0.008% |
| 55 | 6.062 | 6.045 | 6.078 | VV | 313        | 5595    | 0.06%  | 0.004% |
| 56 | 6.103 | 6.078 | 6.127 | VV | 322        | 8300    | 0.09%  | 0.006% |
| 57 | 6.151 | 6.127 | 6.258 | VV | 528        | 31324   | 0.36%  | 0.024% |
| 58 | 6.300 | 6.258 | 6.324 | VV | 640        | 19209   | 0.22%  | 0.015% |
| 59 | 6.339 | 6.324 | 6.398 | VV | 539        | 16054   | 0.18%  | 0.012% |
| 60 | 6.426 | 6.398 | 6.518 | VV | 373        | 16205   | 0.19%  | 0.013% |
| 61 | 6.524 | 6.518 | 6.543 | VV | 167        | 2095    | 0.02%  | 0.002% |
| 62 | 6.555 | 6.543 | 6.600 | VV | 202        | 5360    | 0.06%  | 0.004% |
| 63 | 6.617 | 6.600 | 6.630 | VV | 267        | 2830    | 0.03%  | 0.002% |
| 64 | 6.652 | 6.630 | 6.677 | VV | 268        | 4602    | 0.05%  | 0.004% |
| 65 | 6.693 | 6.677 | 6.731 | VV | 210        | 3791    | 0.04%  | 0.003% |
| 66 | 6.745 | 6.731 | 6.763 | PV | 125        | 1977    | 0.02%  | 0.002% |
| 67 | 6.794 | 6.763 | 6.833 | VV | 226        | 5679    | 0.06%  | 0.004% |
| 68 | 6.851 | 6.833 | 6.878 | VV | 228        | 2753    | 0.03%  | 0.002% |
| 69 | 6.920 | 6.878 | 6.943 | VV | 473        | 8868    | 0.10%  | 0.007% |
| 70 | 6.957 | 6.943 | 6.984 | VV | 412        | 5768    | 0.07%  | 0.004% |
| 71 | 6.997 | 6.984 | 7.033 | VV | 399        | 5996    | 0.07%  | 0.005% |
| 72 | 7.128 | 7.033 | 7.154 | VV | 469        | 16163   | 0.18%  | 0.013% |
| 73 | 7.171 | 7.154 | 7.198 | VV | 246        | 5728    | 0.07%  | 0.004% |
| 74 | 7.218 | 7.198 | 7.260 | VV | 474        | 7536    | 0.09%  | 0.006% |
| 75 | 7.277 | 7.260 | 7.315 | VV | 222        | 3293    | 0.04%  | 0.003% |
| 76 | 7.335 | 7.315 | 7.346 | PV | 165        | 1455    | 0.02%  | 0.001% |
| 77 | 7.394 | 7.346 | 7.418 | VV | 231        | 5175    | 0.06%  | 0.004% |
| 78 | 7.439 | 7.418 | 7.471 | VV | 224        | 4401    | 0.05%  | 0.003% |
| 79 | 7.522 | 7.471 | 7.761 | VV | 407304     | 4250340 | 48.56% | 3.295% |
| 80 | 7.781 | 7.761 | 7.798 | VV | 592        | 10299   | 0.12%  | 0.008% |
| 81 | 7.813 | 7.798 | 7.868 | VV | 568        | 17971   | 0.21%  | 0.014% |
| 82 | 7.906 | 7.868 | 7.942 | VV | 684        | 23017   | 0.26%  | 0.018% |
| 83 | 8.023 | 7.942 | 8.068 | VV | 3830       | 104864  | 1.20%  | 0.081% |
| 84 | 8.083 | 8.068 | 8.114 | VV | 1373       | 24397   | 0.28%  | 0.019% |
| 85 | 8.141 | 8.114 | 8.172 | VV | 10514      | 121351  | 1.39%  | 0.094% |
| 86 | 8.181 | 8.172 | 8.251 | VV | 960        | 24984   | 0.29%  | 0.019% |
| 87 | 8.269 | 8.251 | 8.285 | VV | 319        | 5271    | 0.06%  | 0.004% |
| 88 | 8.309 | 8.285 | 8.345 | VV | 670        | 14018   | 0.16%  | 0.011% |
| 89 | 8.380 | 8.345 | 8.498 | VV | 269173     | 2958664 | 33.81% | 2.294% |

|            |        |        |        |    |      |        |       |        |
|------------|--------|--------|--------|----|------|--------|-------|--------|
| rteres.txt |        |        |        |    |      |        |       |        |
| 90         | 8.510  | 8.498  | 8.522  | VV | 1317 | 17986  | 0.21% | 0.014% |
| 91         | 8.527  | 8.522  | 8.568  | VV | 1300 | 28957  | 0.33% | 0.022% |
| 92         | 8.589  | 8.568  | 8.608  | VV | 1246 | 24043  | 0.27% | 0.019% |
| 93         | 8.617  | 8.608  | 8.657  | VV | 1027 | 20804  | 0.24% | 0.016% |
| 94         | 8.670  | 8.657  | 8.688  | VV | 620  | 9811   | 0.11% | 0.008% |
| 95         | 8.718  | 8.688  | 8.732  | VV | 679  | 15211  | 0.17% | 0.012% |
| 96         | 8.798  | 8.732  | 8.848  | VV | 1670 | 61255  | 0.70% | 0.047% |
| 97         | 8.902  | 8.848  | 8.937  | VV | 1552 | 42556  | 0.49% | 0.033% |
| 98         | 8.954  | 8.937  | 9.008  | VV | 1082 | 23411  | 0.27% | 0.018% |
| 99         | 9.040  | 9.008  | 9.056  | VV | 638  | 11646  | 0.13% | 0.009% |
| 100        | 9.088  | 9.056  | 9.140  | VV | 1840 | 39076  | 0.45% | 0.030% |
| 101        | 9.178  | 9.140  | 9.215  | VV | 548  | 11689  | 0.13% | 0.009% |
| 102        | 9.224  | 9.215  | 9.241  | VV | 308  | 3085   | 0.04% | 0.002% |
| 103        | 9.275  | 9.241  | 9.308  | VV | 802  | 18385  | 0.21% | 0.014% |
| 104        | 9.334  | 9.308  | 9.385  | VV | 557  | 17691  | 0.20% | 0.014% |
| 105        | 9.403  | 9.385  | 9.428  | VV | 585  | 9172   | 0.10% | 0.007% |
| 106        | 9.459  | 9.428  | 9.485  | VV | 550  | 12408  | 0.14% | 0.010% |
| 107        | 9.509  | 9.485  | 9.539  | VV | 424  | 9108   | 0.10% | 0.007% |
| 108        | 9.547  | 9.539  | 9.557  | VV | 232  | 2151   | 0.02% | 0.002% |
| 109        | 9.613  | 9.557  | 9.648  | VV | 1136 | 29571  | 0.34% | 0.023% |
| 110        | 9.677  | 9.648  | 9.761  | VV | 2235 | 60202  | 0.69% | 0.047% |
| 111        | 9.775  | 9.761  | 9.827  | VV | 409  | 8432   | 0.10% | 0.007% |
| 112        | 9.849  | 9.827  | 9.888  | VV | 294  | 4892   | 0.06% | 0.004% |
| 113        | 9.946  | 9.908  | 9.962  | VV | 141  | 2406   | 0.03% | 0.002% |
| 114        | 9.998  | 9.962  | 10.011 | PV | 323  | 4598   | 0.05% | 0.004% |
| 115        | 10.023 | 10.011 | 10.033 | VV | 270  | 3227   | 0.04% | 0.003% |
| 116        | 10.063 | 10.033 | 10.088 | VV | 1070 | 21541  | 0.25% | 0.017% |
| 117        | 10.134 | 10.088 | 10.165 | VV | 749  | 28804  | 0.33% | 0.022% |
| 118        | 10.174 | 10.165 | 10.192 | VV | 704  | 9308   | 0.11% | 0.007% |
| 119        | 10.207 | 10.192 | 10.225 | VV | 571  | 8046   | 0.09% | 0.006% |
| 120        | 10.249 | 10.225 | 10.285 | VV | 673  | 14640  | 0.17% | 0.011% |
| 121        | 10.310 | 10.285 | 10.331 | VV | 855  | 17022  | 0.19% | 0.013% |
| 122        | 10.345 | 10.331 | 10.355 | VV | 737  | 9444   | 0.11% | 0.007% |
| 123        | 10.365 | 10.355 | 10.377 | VV | 684  | 8306   | 0.09% | 0.006% |
| 124        | 10.413 | 10.377 | 10.438 | VV | 2954 | 51492  | 0.59% | 0.040% |
| 125        | 10.463 | 10.438 | 10.542 | VV | 4358 | 94851  | 1.08% | 0.074% |
| 126        | 10.551 | 10.542 | 10.571 | VV | 430  | 5589   | 0.06% | 0.004% |
| 127        | 10.591 | 10.571 | 10.601 | VV | 274  | 3896   | 0.04% | 0.003% |
| 128        | 10.650 | 10.601 | 10.703 | VV | 8135 | 126204 | 1.44% | 0.098% |
| 129        | 10.728 | 10.703 | 10.775 | VV | 2657 | 55684  | 0.64% | 0.043% |
| 130        | 10.804 | 10.775 | 10.848 | VV | 926  | 27404  | 0.31% | 0.021% |
| 131        | 10.863 | 10.848 | 10.890 | VV | 506  | 8115   | 0.09% | 0.006% |
| 132        | 10.914 | 10.890 | 10.930 | VV | 418  | 6927   | 0.08% | 0.005% |
| 133        | 10.960 | 10.930 | 10.981 | VV | 835  | 12726  | 0.15% | 0.010% |
| 134        | 10.998 | 10.981 | 11.021 | VV | 289  | 5526   | 0.06% | 0.004% |
| 135        | 11.042 | 11.021 | 11.066 | VV | 788  | 12635  | 0.14% | 0.010% |
| 136        | 11.080 | 11.066 | 11.090 | VV | 374  | 5140   | 0.06% | 0.004% |
| 137        | 11.111 | 11.090 | 11.144 | VV | 2476 | 32557  | 0.37% | 0.025% |
| 138        | 11.191 | 11.144 | 11.235 | VV | 1383 | 35804  | 0.41% | 0.028% |
| 139        | 11.257 | 11.235 | 11.276 | VV | 362  | 5495   | 0.06% | 0.004% |
| 140        | 11.301 | 11.276 | 11.322 | VV | 696  | 9251   | 0.11% | 0.007% |
| 141        | 11.341 | 11.322 | 11.375 | PV | 216  | 3278   | 0.04% | 0.003% |

| rteres.txt |        |        |        |    |        |         |         |        |
|------------|--------|--------|--------|----|--------|---------|---------|--------|
| 142        | 11.420 | 11.375 | 11.464 | PV | 416139 | 4511012 | 51.54%  | 3.498% |
| 143        | 11.481 | 11.464 | 11.526 | VV | 3119   | 57334   | 0.66%   | 0.044% |
| 144        | 11.560 | 11.526 | 11.580 | VV | 3382   | 60998   | 0.70%   | 0.047% |
| 145        | 11.595 | 11.580 | 11.611 | VV | 2405   | 30578   | 0.35%   | 0.024% |
| 146        | 11.630 | 11.611 | 11.647 | VV | 2687   | 42507   | 0.49%   | 0.033% |
| 147        | 11.667 | 11.647 | 11.717 | VV | 8163   | 109452  | 1.25%   | 0.085% |
| 148        | 11.727 | 11.717 | 11.741 | VV | 334    | 4312    | 0.05%   | 0.003% |
| 149        | 11.779 | 11.741 | 11.799 | VV | 2448   | 37898   | 0.43%   | 0.029% |
| 150        | 11.830 | 11.799 | 11.900 | VV | 121455 | 1401223 | 16.01%  | 1.086% |
| 151        | 11.924 | 11.900 | 11.956 | VV | 1303   | 22538   | 0.26%   | 0.017% |
| 152        | 11.978 | 11.956 | 12.022 | VV | 655    | 16856   | 0.19%   | 0.013% |
| 153        | 12.051 | 12.022 | 12.077 | VV | 485    | 9298    | 0.11%   | 0.007% |
| 154        | 12.095 | 12.077 | 12.108 | VV | 889    | 9679    | 0.11%   | 0.008% |
| 155        | 12.123 | 12.108 | 12.140 | VV | 576    | 7728    | 0.09%   | 0.006% |
| 156        | 12.166 | 12.140 | 12.205 | VV | 1513   | 25096   | 0.29%   | 0.019% |
| 157        | 12.240 | 12.205 | 12.269 | PV | 1549   | 28463   | 0.33%   | 0.022% |
| 158        | 12.296 | 12.269 | 12.319 | VV | 2781   | 35988   | 0.41%   | 0.028% |
| 159        | 12.343 | 12.319 | 12.366 | VV | 2912   | 39255   | 0.45%   | 0.030% |
| 160        | 12.382 | 12.366 | 12.391 | VV | 892    | 11523   | 0.13%   | 0.009% |
| 161        | 12.414 | 12.391 | 12.432 | VV | 3328   | 45304   | 0.52%   | 0.035% |
| 162        | 12.457 | 12.432 | 12.511 | VV | 28975  | 385367  | 4.40%   | 0.299% |
| 163        | 12.532 | 12.511 | 12.545 | VV | 556    | 8549    | 0.10%   | 0.007% |
| 164        | 12.555 | 12.545 | 12.571 | VV | 454    | 5525    | 0.06%   | 0.004% |
| 165        | 12.589 | 12.571 | 12.605 | VV | 605    | 6918    | 0.08%   | 0.005% |
| 166        | 12.641 | 12.605 | 12.661 | PV | 1214   | 19126   | 0.22%   | 0.015% |
| 167        | 12.679 | 12.661 | 12.688 | VV | 798    | 9953    | 0.11%   | 0.008% |
| 168        | 12.699 | 12.688 | 12.723 | VV | 966    | 12521   | 0.14%   | 0.010% |
| 169        | 12.751 | 12.723 | 12.793 | PV | 23802  | 305881  | 3.49%   | 0.237% |
| 170        | 12.855 | 12.793 | 12.880 | VV | 347924 | 6972690 | 79.67%  | 5.406% |
| 171        | 12.905 | 12.880 | 12.985 | VV | 663802 | 8751995 | 100.00% | 6.786% |
| 172        | 12.996 | 12.985 | 13.005 | VV | 2093   | 22979   | 0.26%   | 0.018% |
| 173        | 13.026 | 13.005 | 13.048 | VV | 4730   | 74151   | 0.85%   | 0.057% |
| 174        | 13.080 | 13.048 | 13.135 | VV | 127652 | 1607519 | 18.37%  | 1.246% |
| 175        | 13.145 | 13.135 | 13.163 | VV | 1970   | 30041   | 0.34%   | 0.023% |
| 176        | 13.170 | 13.163 | 13.192 | VV | 1784   | 21616   | 0.25%   | 0.017% |
| 177        | 13.219 | 13.192 | 13.267 | VV | 6456   | 128103  | 1.46%   | 0.099% |
| 178        | 13.288 | 13.267 | 13.305 | VV | 1137   | 17155   | 0.20%   | 0.013% |
| 179        | 13.343 | 13.305 | 13.358 | VV | 5768   | 87708   | 1.00%   | 0.068% |
| 180        | 13.373 | 13.358 | 13.426 | VV | 5520   | 90154   | 1.03%   | 0.070% |
| 181        | 13.452 | 13.426 | 13.470 | PV | 3905   | 54064   | 0.62%   | 0.042% |
| 182        | 13.486 | 13.470 | 13.513 | VV | 3149   | 48102   | 0.55%   | 0.037% |
| 183        | 13.533 | 13.513 | 13.558 | VV | 1602   | 26352   | 0.30%   | 0.020% |
| 184        | 13.568 | 13.558 | 13.578 | VV | 425    | 4202    | 0.05%   | 0.003% |
| 185        | 13.613 | 13.578 | 13.635 | VV | 4714   | 80477   | 0.92%   | 0.062% |
| 186        | 13.656 | 13.635 | 13.685 | VV | 3532   | 59317   | 0.68%   | 0.046% |
| 187        | 13.718 | 13.685 | 13.751 | VV | 2999   | 64216   | 0.73%   | 0.050% |
| 188        | 13.779 | 13.751 | 13.788 | VV | 561    | 8918    | 0.10%   | 0.007% |
| 189        | 13.820 | 13.788 | 13.831 | VV | 2081   | 32696   | 0.37%   | 0.025% |
| 190        | 13.885 | 13.831 | 13.936 | VV | 6160   | 211913  | 2.42%   | 0.164% |
| 191        | 14.012 | 13.936 | 14.028 | VV | 4125   | 155708  | 1.78%   | 0.121% |
| 192        | 14.059 | 14.028 | 14.134 | VV | 12917  | 320530  | 3.66%   | 0.249% |
| 193        | 14.169 | 14.134 | 14.196 | VV | 6449   | 126717  | 1.45%   | 0.098% |
| 194        | 14.227 | 14.196 | 14.265 | VV | 19759  | 367306  | 4.20%   | 0.285% |

|     |        |        |        |    |            |        |       |        |
|-----|--------|--------|--------|----|------------|--------|-------|--------|
|     |        |        |        |    | rteres.txt |        |       |        |
| 195 | 14.283 | 14.265 | 14.297 | VV | 4848       | 72421  | 0.83% | 0.056% |
| 196 | 14.312 | 14.297 | 14.355 | VV | 5178       | 120119 | 1.37% | 0.093% |
| 197 | 14.385 | 14.355 | 14.455 | VV | 3963       | 116687 | 1.33% | 0.090% |
| 198 | 14.466 | 14.455 | 14.485 | VV | 795        | 10547  | 0.12% | 0.008% |
| 199 | 14.500 | 14.485 | 14.555 | VV | 943        | 23890  | 0.27% | 0.019% |
| 200 | 14.624 | 14.555 | 14.643 | PV | 14788      | 206984 | 2.36% | 0.160% |
| 201 | 14.663 | 14.643 | 14.680 | VV | 15032      | 220821 | 2.52% | 0.171% |
| 202 | 14.697 | 14.680 | 14.736 | VV | 11038      | 215031 | 2.46% | 0.167% |
| 203 | 14.784 | 14.736 | 14.818 | VV | 2920       | 68835  | 0.79% | 0.053% |
| 204 | 14.827 | 14.818 | 14.840 | VV | 941        | 9156   | 0.10% | 0.007% |
| 205 | 14.864 | 14.840 | 14.885 | VV | 1929       | 32517  | 0.37% | 0.025% |
| 206 | 14.905 | 14.885 | 14.921 | VV | 2940       | 43159  | 0.49% | 0.033% |
| 207 | 14.936 | 14.921 | 14.988 | VV | 2037       | 56219  | 0.64% | 0.044% |
| 208 | 14.999 | 14.988 | 15.034 | VV | 715        | 11033  | 0.13% | 0.009% |
| 209 | 15.095 | 15.034 | 15.175 | VV | 3488       | 157458 | 1.80% | 0.122% |
| 210 | 15.185 | 15.175 | 15.195 | VV | 1275       | 13603  | 0.16% | 0.011% |
| 211 | 15.228 | 15.195 | 15.256 | VV | 4096       | 85424  | 0.98% | 0.066% |
| 212 | 15.287 | 15.256 | 15.320 | VV | 11129      | 188803 | 2.16% | 0.146% |
| 213 | 15.335 | 15.320 | 15.358 | VV | 2580       | 40768  | 0.47% | 0.032% |
| 214 | 15.374 | 15.358 | 15.390 | VV | 1281       | 17575  | 0.20% | 0.014% |
| 215 | 15.460 | 15.390 | 15.499 | VV | 2590       | 98351  | 1.12% | 0.076% |
| 216 | 15.542 | 15.499 | 15.568 | VV | 1651       | 46062  | 0.53% | 0.036% |
| 217 | 15.586 | 15.568 | 15.595 | VV | 1130       | 14879  | 0.17% | 0.012% |
| 218 | 15.621 | 15.595 | 15.641 | VV | 1816       | 35843  | 0.41% | 0.028% |
| 219 | 15.727 | 15.641 | 15.750 | VV | 6378       | 159587 | 1.82% | 0.124% |
| 220 | 15.783 | 15.750 | 15.815 | VV | 2175       | 66891  | 0.76% | 0.052% |
| 221 | 15.902 | 15.815 | 15.938 | VV | 3242       | 148186 | 1.69% | 0.115% |
| 222 | 15.969 | 15.938 | 15.986 | VV | 3115       | 73487  | 0.84% | 0.057% |
| 223 | 15.999 | 15.986 | 16.016 | VV | 3171       | 53271  | 0.61% | 0.041% |
| 224 | 16.042 | 16.016 | 16.069 | VV | 3400       | 100683 | 1.15% | 0.078% |
| 225 | 16.093 | 16.069 | 16.127 | VV | 4892       | 140258 | 1.60% | 0.109% |
| 226 | 16.173 | 16.127 | 16.190 | VV | 19143      | 363749 | 4.16% | 0.282% |
| 227 | 16.204 | 16.190 | 16.245 | VV | 14085      | 282393 | 3.23% | 0.219% |
| 228 | 16.271 | 16.245 | 16.287 | VV | 7534       | 158987 | 1.82% | 0.123% |
| 229 | 16.304 | 16.287 | 16.328 | VV | 8270       | 160176 | 1.83% | 0.124% |
| 230 | 16.357 | 16.328 | 16.378 | VV | 5420       | 153099 | 1.75% | 0.119% |
| 231 | 16.398 | 16.378 | 16.411 | VV | 5808       | 104939 | 1.20% | 0.081% |
| 232 | 16.424 | 16.411 | 16.435 | VV | 5388       | 70988  | 0.81% | 0.055% |
| 233 | 16.493 | 16.435 | 16.524 | VV | 14433      | 412991 | 4.72% | 0.320% |
| 234 | 16.550 | 16.524 | 16.602 | VV | 17084      | 430684 | 4.92% | 0.334% |
| 235 | 16.674 | 16.602 | 16.696 | VV | 12402      | 479600 | 5.48% | 0.372% |
| 236 | 16.717 | 16.696 | 16.770 | VV | 14941      | 409609 | 4.68% | 0.318% |
| 237 | 16.815 | 16.770 | 16.835 | VV | 7526       | 275237 | 3.14% | 0.213% |
| 238 | 16.856 | 16.835 | 16.873 | VV | 7585       | 163887 | 1.87% | 0.127% |
| 239 | 16.894 | 16.873 | 16.910 | VV | 9302       | 185349 | 2.12% | 0.144% |
| 240 | 16.920 | 16.910 | 16.941 | VV | 9097       | 162344 | 1.85% | 0.126% |
| 241 | 16.967 | 16.941 | 17.011 | VV | 9354       | 355303 | 4.06% | 0.275% |
| 242 | 17.063 | 17.011 | 17.087 | VV | 10814      | 413155 | 4.72% | 0.320% |
| 243 | 17.123 | 17.087 | 17.174 | VV | 13897      | 522643 | 5.97% | 0.405% |
| 244 | 17.183 | 17.174 | 17.188 | VV | 9281       | 78717  | 0.90% | 0.061% |
| 245 | 17.211 | 17.188 | 17.248 | VV | 11210      | 358424 | 4.10% | 0.278% |
| 246 | 17.278 | 17.248 | 17.308 | VV | 10593      | 343833 | 3.93% | 0.267% |

| rteres.txt |        |        |        |    |       |         |        |        |
|------------|--------|--------|--------|----|-------|---------|--------|--------|
| 247        | 17.329 | 17.308 | 17.344 | VV | 9697  | 202570  | 2.31%  | 0.157% |
| 248        | 17.360 | 17.344 | 17.377 | VV | 9840  | 179372  | 2.05%  | 0.139% |
| 249        | 17.398 | 17.377 | 17.417 | VV | 10585 | 238532  | 2.73%  | 0.185% |
| 250        | 17.450 | 17.417 | 17.468 | VV | 11722 | 331395  | 3.79%  | 0.257% |
|            |        |        |        |    |       |         |        |        |
| 251        | 17.486 | 17.468 | 17.495 | VV | 11744 | 179575  | 2.05%  | 0.139% |
| 252        | 17.513 | 17.495 | 17.530 | VV | 13248 | 257991  | 2.95%  | 0.200% |
| 253        | 17.554 | 17.530 | 17.615 | VV | 17222 | 670024  | 7.66%  | 0.519% |
| 254        | 17.682 | 17.615 | 17.758 | VV | 20103 | 1234841 | 14.11% | 0.957% |
| 255        | 17.777 | 17.758 | 17.797 | VV | 13239 | 289960  | 3.31%  | 0.225% |
|            |        |        |        |    |       |         |        |        |
| 256        | 17.831 | 17.797 | 17.841 | VV | 14964 | 356399  | 4.07%  | 0.276% |
| 257        | 17.857 | 17.841 | 17.872 | VV | 15514 | 275250  | 3.15%  | 0.213% |
| 258        | 17.918 | 17.872 | 17.954 | VV | 22086 | 848394  | 9.69%  | 0.658% |
| 259        | 17.976 | 17.954 | 18.006 | VV | 21399 | 576784  | 6.59%  | 0.447% |
| 260        | 18.050 | 18.006 | 18.105 | VV | 24518 | 1149693 | 13.14% | 0.891% |
|            |        |        |        |    |       |         |        |        |
| 261        | 18.113 | 18.105 | 18.144 | VV | 18165 | 410786  | 4.69%  | 0.318% |
| 262        | 18.168 | 18.144 | 18.197 | VV | 22715 | 622598  | 7.11%  | 0.483% |
| 263        | 18.212 | 18.197 | 18.227 | VV | 18739 | 329221  | 3.76%  | 0.255% |
| 264        | 18.255 | 18.227 | 18.272 | VV | 19871 | 511578  | 5.85%  | 0.397% |
| 265        | 18.304 | 18.272 | 18.328 | VV | 20408 | 637121  | 7.28%  | 0.494% |
|            |        |        |        |    |       |         |        |        |
| 266        | 18.384 | 18.328 | 18.423 | VV | 23447 | 1157875 | 13.23% | 0.898% |
| 267        | 18.432 | 18.423 | 18.440 | VV | 19445 | 204853  | 2.34%  | 0.159% |
| 268        | 18.473 | 18.440 | 18.494 | VV | 24739 | 707592  | 8.08%  | 0.549% |
| 269        | 18.519 | 18.494 | 18.553 | VV | 24998 | 803560  | 9.18%  | 0.623% |
| 270        | 18.557 | 18.553 | 18.568 | VV | 22472 | 201202  | 2.30%  | 0.156% |
|            |        |        |        |    |       |         |        |        |
| 271        | 18.646 | 18.568 | 18.661 | VV | 24025 | 1261771 | 14.42% | 0.978% |
| 272        | 18.675 | 18.661 | 18.708 | VV | 24338 | 676373  | 7.73%  | 0.524% |
| 273        | 18.796 | 18.708 | 18.828 | VV | 31579 | 1968894 | 22.50% | 1.527% |
| 274        | 18.862 | 18.828 | 18.881 | VV | 28663 | 872502  | 9.97%  | 0.676% |
| 275        | 18.891 | 18.881 | 18.906 | VV | 28086 | 405640  | 4.63%  | 0.315% |
|            |        |        |        |    |       |         |        |        |
| 276        | 18.913 | 18.906 | 18.928 | VV | 26083 | 333987  | 3.82%  | 0.259% |
| 277        | 18.979 | 18.928 | 19.006 | VV | 28159 | 1265753 | 14.46% | 0.981% |
| 278        | 19.018 | 19.006 | 19.032 | VV | 27307 | 417187  | 4.77%  | 0.323% |
| 279        | 19.059 | 19.032 | 19.078 | VV | 27895 | 744831  | 8.51%  | 0.577% |
| 280        | 19.171 | 19.078 | 19.205 | VV | 34575 | 2273513 | 25.98% | 1.763% |
|            |        |        |        |    |       |         |        |        |
| 281        | 19.214 | 19.205 | 19.235 | VV | 31716 | 543348  | 6.21%  | 0.421% |
| 282        | 19.276 | 19.235 | 19.304 | VV | 32764 | 1300498 | 14.86% | 1.008% |
| 283        | 19.341 | 19.304 | 19.365 | VV | 32995 | 1182239 | 13.51% | 0.917% |
| 284        | 19.389 | 19.365 | 19.398 | VV | 33936 | 641951  | 7.33%  | 0.498% |
| 285        | 19.422 | 19.398 | 19.436 | VV | 34709 | 773664  | 8.84%  | 0.600% |
|            |        |        |        |    |       |         |        |        |
| 286        | 19.462 | 19.436 | 19.470 | VV | 35712 | 712560  | 8.14%  | 0.552% |
| 287        | 19.493 | 19.470 | 19.531 | VV | 40559 | 1420539 | 16.23% | 1.101% |
| 288        | 19.544 | 19.531 | 19.558 | VV | 40677 | 633768  | 7.24%  | 0.491% |
| 289        | 19.575 | 19.558 | 19.638 | VV | 40965 | 1840481 | 21.03% | 1.427% |
| 290        | 19.682 | 19.638 | 19.694 | VV | 39662 | 1286557 | 14.70% | 0.998% |
|            |        |        |        |    |       |         |        |        |
| 291        | 19.714 | 19.694 | 19.725 | VV | 39912 | 722832  | 8.26%  | 0.560% |
| 292        | 19.733 | 19.725 | 19.746 | VV | 39274 | 512136  | 5.85%  | 0.397% |
| 293        | 19.790 | 19.746 | 19.838 | VV | 46140 | 2351720 | 26.87% | 1.823% |
| 294        | 19.912 | 19.838 | 19.938 | VV | 46179 | 2640418 | 30.17% | 2.047% |
| 295        | 19.964 | 19.938 | 19.988 | VV | 47295 | 1365220 | 15.60% | 1.058% |
|            |        |        |        |    |       |         |        |        |
| 296        | 20.023 | 19.988 | 20.037 | VV | 48027 | 1356527 | 15.50% | 1.052% |
| 297        | 20.056 | 20.037 | 20.077 | VV | 49075 | 1157895 | 13.23% | 0.898% |
| 298        | 20.101 | 20.077 | 20.123 | VV | 49342 | 1325733 | 15.15% | 1.028% |
| 299        | 20.159 | 20.123 | 20.175 | VV | 49387 | 1481616 | 16.93% | 1.149% |

|     |        |        |        |     |                         |         |           |        |
|-----|--------|--------|--------|-----|-------------------------|---------|-----------|--------|
|     |        |        |        |     | rteres.txt              |         |           |        |
| 300 | 20.196 | 20.175 | 20.208 | VV  | 50276                   | 994564  | 11.36%    | 0.771% |
| 301 | 20.264 | 20.208 | 20.275 | VV  | 55661                   | 2099791 | 23.99%    | 1.628% |
| 302 | 20.286 | 20.275 | 20.311 | VV  | 55971                   | 1198947 | 13.70%    | 0.930% |
| 303 | 20.331 | 20.311 | 20.427 | VV  | 54790                   | 3652389 | 41.73%    | 2.832% |
| 304 | 20.444 | 20.427 | 20.465 | VV  | 50893                   | 1132353 | 12.94%    | 0.878% |
| 305 | 20.472 | 20.465 | 20.494 | VV  | 51449                   | 892266  | 10.20%    | 0.692% |
| 306 | 20.607 | 20.494 | 20.732 | VV  | 54403                   | 7143298 | 81.62%    | 5.538% |
| 307 | 20.750 | 20.732 | 20.765 | VV  | 46256                   | 882274  | 10.08%    | 0.684% |
| 308 | 20.783 | 20.765 | 20.798 | VV  | 45550                   | 890993  | 10.18%    | 0.691% |
| 309 | 20.838 | 20.798 | 20.848 | VV  | 46646                   | 1346774 | 15.39%    | 1.044% |
| 310 | 20.883 | 20.848 | 20.898 | VV  | 47716                   | 1412360 | 16.14%    | 1.095% |
| 311 | 20.927 | 20.898 | 20.990 | VV  | 50279                   | 2628582 | 30.03%    | 2.038% |
| 312 | 21.009 | 20.990 | 21.038 | VV  | 44741                   | 1232870 | 14.09%    | 0.956% |
| 313 | 21.041 | 21.038 | 21.073 | VV  | 41784                   | 862259  | 9.85%     | 0.669% |
| 314 | 21.085 | 21.073 | 21.095 | VV  | 42254                   | 556522  | 6.36%     | 0.431% |
| 315 | 21.124 | 21.095 | 21.143 | VV  | 43185                   | 1208055 | 13.80%    | 0.937% |
| 316 | 21.170 | 21.143 | 21.188 | VV  | 43031                   | 1145978 | 13.09%    | 0.889% |
| 317 | 21.218 | 21.188 | 21.248 | VV  | 44146                   | 1540163 | 17.60%    | 1.194% |
| 318 | 21.264 | 21.248 | 21.403 | VV  | 42673                   | 3640008 | 41.59%    | 2.822% |
| 319 | 21.415 | 21.403 | 21.432 | VV  | 35042                   | 590320  | 6.74%     | 0.458% |
| 320 | 21.487 | 21.432 | 21.501 | VV  | 36451                   | 1464090 | 16.73%    | 1.135% |
| 321 | 21.591 | 21.501 | 21.601 | VBA | 37023                   | 2271296 | 25.95%    | 1.761% |
|     |        |        |        |     | Sum of corrected areas: |         | 128977659 |        |

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