

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC071018AL\  
 Data File : FC035243.D  
 Signal(s) : FID1A.CH  
 Acq On : 11 Jul 2018 00:51  
 Sample : J3880-11  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\PESTPCBSRV\HPCHEM1\FID\_C\Method\Alaphatic EPH 062518.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         | 3.239       | 3.202        | 3.322      | BV       | 588            | 9283         | 0.23%          | 0.031%        |
| 2         | 3.338       | 3.322        | 3.375      | PV       | 266            | 5839         | 0.15%          | 0.020%        |
| 3         | 3.385       | 3.375        | 3.406      | VV       | 260            | 3225         | 0.08%          | 0.011%        |
| 4         | 3.412       | 3.406        | 3.429      | VV       | 258            | 1949         | 0.05%          | 0.007%        |
| 5         | 3.440       | 3.429        | 3.487      | VV       | 190            | 4653         | 0.12%          | 0.016%        |
| 6         | 3.505       | 3.487        | 3.557      | VV       | 437            | 8234         | 0.21%          | 0.028%        |
| 7         | 3.574       | 3.557        | 3.597      | VV       | 217            | 3727         | 0.09%          | 0.013%        |
| 8         | 3.613       | 3.597        | 3.632      | VV       | 318            | 3854         | 0.10%          | 0.013%        |
| 9         | 3.643       | 3.632        | 3.666      | VV       | 265            | 3133         | 0.08%          | 0.011%        |
| 10        | 3.682       | 3.666        | 3.715      | VV       | 301            | 5413         | 0.14%          | 0.018%        |
| 11        | 3.731       | 3.715        | 3.767      | VV       | 374            | 5291         | 0.13%          | 0.018%        |
| 12        | 3.776       | 3.767        | 3.796      | VV       | 294            | 2664         | 0.07%          | 0.009%        |
| 13        | 3.820       | 3.796        | 3.870      | VV       | 261            | 8123         | 0.21%          | 0.027%        |
| 14        | 3.907       | 3.870        | 3.924      | VV       | 519            | 7672         | 0.19%          | 0.026%        |
| 15        | 3.936       | 3.924        | 3.981      | VV       | 364            | 6394         | 0.16%          | 0.022%        |
| 16        | 4.002       | 3.981        | 4.026      | VV       | 318            | 4335         | 0.11%          | 0.015%        |
| 17        | 4.070       | 4.026        | 4.090      | VV       | 549            | 9189         | 0.23%          | 0.031%        |
| 18        | 4.107       | 4.090        | 4.142      | VV       | 302            | 6348         | 0.16%          | 0.021%        |
| 19        | 4.165       | 4.142        | 4.198      | VV       | 874            | 13434        | 0.34%          | 0.045%        |
| 20        | 4.231       | 4.198        | 4.246      | VV       | 628            | 8803         | 0.22%          | 0.030%        |
| 21        | 4.255       | 4.246        | 4.281      | VV       | 320            | 4053         | 0.10%          | 0.014%        |
| 22        | 4.307       | 4.281        | 4.336      | VV       | 1784           | 22191        | 0.56%          | 0.075%        |
| 23        | 4.344       | 4.336        | 4.362      | VV       | 314            | 3380         | 0.09%          | 0.011%        |
| 24        | 4.422       | 4.362        | 4.436      | VV       | 475            | 11648        | 0.29%          | 0.039%        |
| 25        | 4.465       | 4.436        | 4.490      | VV       | 586            | 11476        | 0.29%          | 0.039%        |
| 26        | 4.504       | 4.490        | 4.521      | VV       | 413            | 5301         | 0.13%          | 0.018%        |
| 27        | 4.534       | 4.521        | 4.544      | VV       | 255            | 3340         | 0.08%          | 0.011%        |
| 28        | 4.561       | 4.544        | 4.577      | VV       | 565            | 5823         | 0.15%          | 0.020%        |
| 29        | 4.591       | 4.577        | 4.627      | VV       | 380            | 6517         | 0.16%          | 0.022%        |
| 30        | 4.635       | 4.627        | 4.647      | VV       | 165            | 1747         | 0.04%          | 0.006%        |
| 31        | 4.660       | 4.647        | 4.670      | VV       | 347            | 2585         | 0.07%          | 0.009%        |
| 32        | 4.687       | 4.670        | 4.701      | VV       | 473            | 5205         | 0.13%          | 0.018%        |
| 33        | 4.714       | 4.701        | 4.741      | VV       | 305            | 5099         | 0.13%          | 0.017%        |
| 34        | 4.748       | 4.741        | 4.816      | VV       | 316            | 7943         | 0.20%          | 0.027%        |
| 35        | 4.858       | 4.816        | 4.876      | VV       | 248            | 5012         | 0.13%          | 0.017%        |
| 36        | 4.903       | 4.876        | 4.922      | VV       | 460            | 7904         | 0.20%          | 0.027%        |

| rteres.txt |       |       |       |    |      |       |       |        |
|------------|-------|-------|-------|----|------|-------|-------|--------|
| 37         | 4.939 | 4.922 | 4.970 | VV | 2373 | 27001 | 0.68% | 0.091% |
| 38         | 4.993 | 4.970 | 5.031 | PV | 2179 | 27674 | 0.70% | 0.093% |
| 39         | 5.046 | 5.031 | 5.061 | VV | 316  | 4732  | 0.12% | 0.016% |
| 40         | 5.067 | 5.061 | 5.082 | VV | 378  | 3267  | 0.08% | 0.011% |
| 41         | 5.131 | 5.082 | 5.149 | VV | 851  | 14727 | 0.37% | 0.050% |
| 42         | 5.173 | 5.149 | 5.202 | VV | 635  | 9782  | 0.25% | 0.033% |
| 43         | 5.258 | 5.202 | 5.295 | VV | 1455 | 29724 | 0.75% | 0.100% |
| 44         | 5.306 | 5.295 | 5.322 | VV | 580  | 6963  | 0.18% | 0.024% |
| 45         | 5.342 | 5.322 | 5.364 | VV | 1476 | 21929 | 0.55% | 0.074% |
| 46         | 5.383 | 5.364 | 5.423 | VV | 1575 | 23724 | 0.60% | 0.080% |
| 47         | 5.439 | 5.423 | 5.487 | VV | 774  | 14192 | 0.36% | 0.048% |
| 48         | 5.520 | 5.487 | 5.545 | VV | 614  | 12360 | 0.31% | 0.042% |
| 49         | 5.556 | 5.545 | 5.574 | VV | 243  | 3384  | 0.09% | 0.011% |
| 50         | 5.586 | 5.574 | 5.606 | VV | 276  | 3209  | 0.08% | 0.011% |
| 51         | 5.627 | 5.606 | 5.662 | VV | 408  | 9760  | 0.25% | 0.033% |
| 52         | 5.688 | 5.662 | 5.702 | VV | 366  | 5040  | 0.13% | 0.017% |
| 53         | 5.710 | 5.702 | 5.776 | VV | 332  | 8233  | 0.21% | 0.028% |
| 54         | 5.796 | 5.776 | 5.827 | VV | 275  | 6470  | 0.16% | 0.022% |
| 55         | 5.845 | 5.827 | 5.867 | VV | 407  | 7500  | 0.19% | 0.025% |
| 56         | 5.886 | 5.867 | 5.926 | VV | 1493 | 24765 | 0.63% | 0.084% |
| 57         | 5.936 | 5.926 | 5.962 | VV | 595  | 10130 | 0.26% | 0.034% |
| 58         | 5.982 | 5.962 | 6.011 | VV | 769  | 15681 | 0.40% | 0.053% |
| 59         | 6.042 | 6.011 | 6.087 | VV | 932  | 28453 | 0.72% | 0.096% |
| 60         | 6.124 | 6.087 | 6.134 | VV | 584  | 13726 | 0.35% | 0.046% |
| 61         | 6.158 | 6.134 | 6.168 | VV | 620  | 11284 | 0.28% | 0.038% |
| 62         | 6.212 | 6.168 | 6.266 | VV | 1065 | 44583 | 1.13% | 0.151% |
| 63         | 6.276 | 6.266 | 6.297 | VV | 671  | 12102 | 0.31% | 0.041% |
| 64         | 6.321 | 6.297 | 6.397 | VV | 6489 | 95878 | 2.42% | 0.324% |
| 65         | 6.425 | 6.397 | 6.449 | VV | 403  | 10344 | 0.26% | 0.035% |
| 66         | 6.469 | 6.449 | 6.491 | VV | 863  | 11887 | 0.30% | 0.040% |
| 67         | 6.503 | 6.491 | 6.569 | VV | 335  | 6360  | 0.16% | 0.021% |
| 68         | 6.590 | 6.569 | 6.603 | VV | 162  | 2066  | 0.05% | 0.007% |
| 69         | 6.644 | 6.603 | 6.671 | PV | 265  | 5346  | 0.14% | 0.018% |
| 70         | 6.684 | 6.671 | 6.707 | VV | 286  | 3997  | 0.10% | 0.014% |
| 71         | 6.716 | 6.707 | 6.734 | VV | 263  | 2382  | 0.06% | 0.008% |
| 72         | 6.769 | 6.734 | 6.789 | PV | 377  | 5479  | 0.14% | 0.019% |
| 73         | 6.809 | 6.789 | 6.826 | VV | 241  | 3467  | 0.09% | 0.012% |
| 74         | 6.835 | 6.826 | 6.859 | VV | 367  | 4873  | 0.12% | 0.016% |
| 75         | 6.876 | 6.859 | 6.902 | VV | 332  | 4806  | 0.12% | 0.016% |
| 76         | 6.922 | 6.902 | 6.953 | VV | 353  | 8738  | 0.22% | 0.030% |
| 77         | 6.959 | 6.953 | 6.967 | VV | 301  | 1964  | 0.05% | 0.007% |
| 78         | 6.977 | 6.967 | 6.997 | VV | 214  | 3271  | 0.08% | 0.011% |
| 79         | 7.021 | 6.997 | 7.054 | VV | 1095 | 15733 | 0.40% | 0.053% |
| 80         | 7.069 | 7.054 | 7.084 | VV | 404  | 4425  | 0.11% | 0.015% |
| 81         | 7.102 | 7.084 | 7.159 | VV | 560  | 14096 | 0.36% | 0.048% |
| 82         | 7.183 | 7.159 | 7.218 | VV | 401  | 8922  | 0.23% | 0.030% |
| 83         | 7.242 | 7.218 | 7.286 | VV | 1453 | 23779 | 0.60% | 0.080% |
| 84         | 7.307 | 7.286 | 7.349 | VV | 802  | 12886 | 0.33% | 0.044% |
| 85         | 7.385 | 7.349 | 7.444 | VV | 1053 | 23061 | 0.58% | 0.078% |
| 86         | 7.459 | 7.444 | 7.486 | VV | 842  | 10172 | 0.26% | 0.034% |
| 87         | 7.501 | 7.486 | 7.512 | VV | 399  | 5532  | 0.14% | 0.019% |
| 88         | 7.523 | 7.512 | 7.541 | VV | 559  | 7709  | 0.19% | 0.026% |
| 89         | 7.601 | 7.541 | 7.610 | VV | 994  | 29786 | 0.75% | 0.101% |

| rteres.txt |        |        |        |    |      |       |       |        |
|------------|--------|--------|--------|----|------|-------|-------|--------|
| 90         | 7.658  | 7.610  | 7.707  | VV | 1384 | 52936 | 1.34% | 0.179% |
| 91         | 7.716  | 7.707  | 7.745  | VV | 599  | 8907  | 0.22% | 0.030% |
| 92         | 7.806  | 7.745  | 7.824  | VV | 728  | 19893 | 0.50% | 0.067% |
| 93         | 7.861  | 7.824  | 7.891  | VV | 1674 | 31809 | 0.80% | 0.107% |
| 94         | 7.930  | 7.891  | 7.953  | VV | 1117 | 22474 | 0.57% | 0.076% |
| 95         | 7.982  | 7.953  | 8.004  | VV | 748  | 18479 | 0.47% | 0.062% |
| 96         | 8.014  | 8.004  | 8.034  | VV | 718  | 10571 | 0.27% | 0.036% |
| 97         | 8.109  | 8.034  | 8.150  | VV | 2727 | 60142 | 1.52% | 0.203% |
| 98         | 8.158  | 8.150  | 8.197  | VV | 527  | 9117  | 0.23% | 0.031% |
| 99         | 8.202  | 8.197  | 8.227  | VV | 280  | 4103  | 0.10% | 0.014% |
| 100        | 8.262  | 8.227  | 8.282  | VV | 838  | 13082 | 0.33% | 0.044% |
| 101        | 8.299  | 8.282  | 8.334  | VV | 357  | 6257  | 0.16% | 0.021% |
| 102        | 8.367  | 8.334  | 8.377  | VV | 273  | 5457  | 0.14% | 0.018% |
| 103        | 8.389  | 8.377  | 8.412  | VV | 214  | 4606  | 0.12% | 0.016% |
| 104        | 8.457  | 8.412  | 8.472  | VV | 498  | 11145 | 0.28% | 0.038% |
| 105        | 8.486  | 8.472  | 8.506  | VV | 414  | 7308  | 0.18% | 0.025% |
| 106        | 8.527  | 8.506  | 8.540  | VV | 415  | 6677  | 0.17% | 0.023% |
| 107        | 8.557  | 8.540  | 8.579  | VV | 682  | 12090 | 0.31% | 0.041% |
| 108        | 8.643  | 8.579  | 8.678  | VV | 1520 | 41795 | 1.06% | 0.141% |
| 109        | 8.691  | 8.678  | 8.707  | VV | 443  | 5945  | 0.15% | 0.020% |
| 110        | 8.726  | 8.707  | 8.754  | VV | 535  | 11184 | 0.28% | 0.038% |
| 111        | 8.817  | 8.754  | 8.881  | VV | 2172 | 65583 | 1.66% | 0.222% |
| 112        | 8.928  | 8.881  | 8.995  | VV | 2365 | 51851 | 1.31% | 0.175% |
| 113        | 9.011  | 8.995  | 9.036  | VV | 469  | 7577  | 0.19% | 0.026% |
| 114        | 9.112  | 9.036  | 9.177  | VV | 2510 | 69749 | 1.76% | 0.236% |
| 115        | 9.188  | 9.177  | 9.196  | VV | 348  | 3254  | 0.08% | 0.011% |
| 116        | 9.219  | 9.196  | 9.244  | VV | 808  | 13848 | 0.35% | 0.047% |
| 117        | 9.304  | 9.244  | 9.332  | VV | 1082 | 32467 | 0.82% | 0.110% |
| 118        | 9.358  | 9.332  | 9.411  | VV | 855  | 24575 | 0.62% | 0.083% |
| 119        | 9.435  | 9.411  | 9.461  | VV | 723  | 14887 | 0.38% | 0.050% |
| 120        | 9.483  | 9.461  | 9.509  | VV | 785  | 13551 | 0.34% | 0.046% |
| 121        | 9.530  | 9.509  | 9.557  | VV | 350  | 7215  | 0.18% | 0.024% |
| 122        | 9.575  | 9.557  | 9.595  | VV | 402  | 6111  | 0.15% | 0.021% |
| 123        | 9.622  | 9.595  | 9.642  | VV | 595  | 10993 | 0.28% | 0.037% |
| 124        | 9.659  | 9.642  | 9.678  | VV | 435  | 8442  | 0.21% | 0.029% |
| 125        | 9.702  | 9.678  | 9.752  | VV | 2923 | 45177 | 1.14% | 0.153% |
| 126        | 9.769  | 9.752  | 9.777  | VV | 326  | 3859  | 0.10% | 0.013% |
| 127        | 9.792  | 9.777  | 9.839  | VV | 368  | 6653  | 0.17% | 0.022% |
| 128        | 9.870  | 9.839  | 9.921  | VV | 203  | 4370  | 0.11% | 0.015% |
| 129        | 9.931  | 9.921  | 9.954  | VV | 156  | 2084  | 0.05% | 0.007% |
| 130        | 9.969  | 9.954  | 9.983  | VV | 238  | 1672  | 0.04% | 0.006% |
| 131        | 10.051 | 9.983  | 10.060 | PV | 243  | 4433  | 0.11% | 0.015% |
| 132        | 10.089 | 10.060 | 10.127 | VV | 1381 | 23868 | 0.60% | 0.081% |
| 133        | 10.182 | 10.127 | 10.209 | VV | 664  | 17648 | 0.45% | 0.060% |
| 134        | 10.233 | 10.209 | 10.252 | VV | 532  | 8878  | 0.22% | 0.030% |
| 135        | 10.262 | 10.252 | 10.293 | VV | 320  | 5812  | 0.15% | 0.020% |
| 136        | 10.334 | 10.293 | 10.347 | VV | 859  | 14684 | 0.37% | 0.050% |
| 137        | 10.368 | 10.347 | 10.396 | VV | 796  | 17040 | 0.43% | 0.058% |
| 138        | 10.439 | 10.396 | 10.473 | VV | 3561 | 67636 | 1.71% | 0.229% |
| 139        | 10.511 | 10.473 | 10.592 | VV | 3026 | 66701 | 1.68% | 0.225% |
| 140        | 10.622 | 10.592 | 10.647 | VV | 489  | 11040 | 0.28% | 0.037% |
| 141        | 10.666 | 10.647 | 10.678 | VV | 489  | 7651  | 0.19% | 0.026% |

|     |        |        |        |    |            |         |         |         |
|-----|--------|--------|--------|----|------------|---------|---------|---------|
|     |        |        |        |    | rteres.txt |         |         |         |
| 142 | 10.692 | 10.678 | 10.728 | VV | 430        | 10102   | 0.26%   | 0.034%  |
| 143 | 10.751 | 10.728 | 10.789 | VV | 731        | 17662   | 0.45%   | 0.060%  |
| 144 | 10.815 | 10.789 | 10.862 | VV | 856        | 27148   | 0.69%   | 0.092%  |
| 145 | 10.879 | 10.862 | 10.901 | VV | 644        | 11880   | 0.30%   | 0.040%  |
| 146 | 10.946 | 10.901 | 10.986 | VV | 677        | 21481   | 0.54%   | 0.073%  |
| 147 | 11.013 | 10.986 | 11.044 | VV | 568        | 13486   | 0.34%   | 0.046%  |
| 148 | 11.071 | 11.044 | 11.099 | VV | 1257       | 23581   | 0.60%   | 0.080%  |
| 149 | 11.140 | 11.099 | 11.176 | VV | 3625       | 62086   | 1.57%   | 0.210%  |
| 150 | 11.190 | 11.176 | 11.200 | VV | 546        | 6317    | 0.16%   | 0.021%  |
| 151 | 11.229 | 11.200 | 11.277 | VV | 1571       | 29411   | 0.74%   | 0.099%  |
| 152 | 11.292 | 11.277 | 11.311 | VV | 503        | 6158    | 0.16%   | 0.021%  |
| 153 | 11.331 | 11.311 | 11.348 | VV | 272        | 4598    | 0.12%   | 0.016%  |
| 154 | 11.364 | 11.348 | 11.374 | VV | 294        | 3677    | 0.09%   | 0.012%  |
| 155 | 11.444 | 11.374 | 11.484 | VV | 613        | 24695   | 0.62%   | 0.083%  |
| 156 | 11.544 | 11.484 | 11.568 | VV | 965        | 32424   | 0.82%   | 0.110%  |
| 157 | 11.589 | 11.568 | 11.606 | VV | 834        | 14894   | 0.38%   | 0.050%  |
| 158 | 11.626 | 11.606 | 11.652 | VV | 703        | 14763   | 0.37%   | 0.050%  |
| 159 | 11.662 | 11.652 | 11.677 | VV | 527        | 6416    | 0.16%   | 0.022%  |
| 160 | 11.698 | 11.677 | 11.710 | VV | 560        | 8773    | 0.22%   | 0.030%  |
| 161 | 11.744 | 11.710 | 11.759 | VV | 1026       | 19439   | 0.49%   | 0.066%  |
| 162 | 11.807 | 11.759 | 11.866 | VV | 3157       | 74690   | 1.89%   | 0.252%  |
| 163 | 11.892 | 11.866 | 11.938 | VV | 738        | 25123   | 0.63%   | 0.085%  |
| 164 | 11.948 | 11.938 | 11.975 | VV | 682        | 11883   | 0.30%   | 0.040%  |
| 165 | 12.013 | 11.975 | 12.024 | VV | 640        | 16182   | 0.41%   | 0.055%  |
| 166 | 12.054 | 12.024 | 12.064 | VV | 630        | 14384   | 0.36%   | 0.049%  |
| 167 | 12.079 | 12.064 | 12.097 | VV | 858        | 13745   | 0.35%   | 0.046%  |
| 168 | 12.113 | 12.097 | 12.134 | VV | 701        | 12637   | 0.32%   | 0.043%  |
| 169 | 12.141 | 12.134 | 12.149 | VV | 607        | 4939    | 0.12%   | 0.017%  |
| 170 | 12.213 | 12.149 | 12.231 | VV | 830        | 31906   | 0.81%   | 0.108%  |
| 171 | 12.253 | 12.231 | 12.284 | VV | 993        | 23320   | 0.59%   | 0.079%  |
| 172 | 12.295 | 12.284 | 12.316 | VV | 721        | 10774   | 0.27%   | 0.036%  |
| 173 | 12.373 | 12.316 | 12.413 | VV | 837        | 34583   | 0.87%   | 0.117%  |
| 174 | 12.445 | 12.413 | 12.492 | VV | 3714       | 63751   | 1.61%   | 0.215%  |
| 175 | 12.509 | 12.492 | 12.524 | VV | 614        | 8205    | 0.21%   | 0.028%  |
| 176 | 12.564 | 12.524 | 12.617 | VV | 997        | 30015   | 0.76%   | 0.101%  |
| 177 | 12.700 | 12.617 | 12.726 | PV | 547        | 15367   | 0.39%   | 0.052%  |
| 178 | 12.732 | 12.726 | 12.754 | VV | 295        | 3701    | 0.09%   | 0.013%  |
| 179 | 12.763 | 12.754 | 12.781 | VV | 397        | 4105    | 0.10%   | 0.014%  |
| 180 | 12.889 | 12.781 | 13.030 | VV | 309481     | 3960186 | 100.00% | 13.380% |
| 181 | 13.056 | 13.030 | 13.169 | VV | 3238       | 68092   | 1.72%   | 0.230%  |
| 182 | 13.214 | 13.169 | 13.247 | VV | 412        | 9398    | 0.24%   | 0.032%  |
| 183 | 13.318 | 13.247 | 13.361 | VV | 963        | 27674   | 0.70%   | 0.093%  |
| 184 | 13.370 | 13.361 | 13.394 | VV | 367        | 3827    | 0.10%   | 0.013%  |
| 185 | 13.412 | 13.394 | 13.427 | PV | 298        | 4001    | 0.10%   | 0.014%  |
| 186 | 13.460 | 13.427 | 13.529 | VV | 8525       | 141148  | 3.56%   | 0.477%  |
| 187 | 13.548 | 13.529 | 13.559 | VV | 484        | 6411    | 0.16%   | 0.022%  |
| 188 | 13.592 | 13.559 | 13.612 | VV | 1591       | 28604   | 0.72%   | 0.097%  |
| 189 | 13.638 | 13.612 | 13.676 | VV | 4507       | 71454   | 1.80%   | 0.241%  |
| 190 | 13.684 | 13.676 | 13.705 | VV | 570        | 6963    | 0.18%   | 0.024%  |
| 191 | 13.724 | 13.705 | 13.747 | VV | 582        | 7214    | 0.18%   | 0.024%  |
| 192 | 13.800 | 13.747 | 13.823 | VV | 412        | 11319   | 0.29%   | 0.038%  |
| 193 | 13.866 | 13.823 | 13.881 | VV | 609        | 14480   | 0.37%   | 0.049%  |
| 194 | 13.889 | 13.881 | 13.899 | VV | 548        | 4735    | 0.12%   | 0.016%  |

|     |        |        |        |    |            |        |       |        |
|-----|--------|--------|--------|----|------------|--------|-------|--------|
|     |        |        |        |    | rteres.txt |        |       |        |
| 195 | 13.905 | 13.899 | 13.921 | VV | 488        | 4900   | 0.12% | 0.017% |
| 196 | 13.935 | 13.921 | 13.957 | VV | 620        | 9377   | 0.24% | 0.032% |
| 197 | 13.962 | 13.957 | 13.973 | VV | 376        | 2617   | 0.07% | 0.009% |
| 198 | 13.994 | 13.973 | 14.002 | VV | 588        | 6393   | 0.16% | 0.022% |
| 199 | 14.076 | 14.002 | 14.106 | VV | 2011       | 53555  | 1.35% | 0.181% |
| 200 | 14.137 | 14.106 | 14.174 | VV | 1518       | 28472  | 0.72% | 0.096% |
| 201 | 14.201 | 14.174 | 14.227 | VV | 3990       | 53833  | 1.36% | 0.182% |
| 202 | 14.249 | 14.227 | 14.290 | VV | 813        | 19503  | 0.49% | 0.066% |
| 203 | 14.305 | 14.290 | 14.326 | VV | 501        | 7922   | 0.20% | 0.027% |
| 204 | 14.359 | 14.326 | 14.384 | VV | 591        | 12783  | 0.32% | 0.043% |
| 205 | 14.444 | 14.384 | 14.466 | VV | 1232       | 26304  | 0.66% | 0.089% |
| 206 | 14.482 | 14.466 | 14.497 | VV | 542        | 7446   | 0.19% | 0.025% |
| 207 | 14.509 | 14.497 | 14.524 | VV | 295        | 3629   | 0.09% | 0.012% |
| 208 | 14.578 | 14.524 | 14.624 | PV | 7062       | 113140 | 2.86% | 0.382% |
| 209 | 14.639 | 14.624 | 14.654 | VV | 703        | 9066   | 0.23% | 0.031% |
| 210 | 14.668 | 14.654 | 14.677 | VV | 540        | 5604   | 0.14% | 0.019% |
| 211 | 14.699 | 14.677 | 14.716 | VV | 1362       | 18003  | 0.45% | 0.061% |
| 212 | 14.740 | 14.716 | 14.789 | VV | 6886       | 97787  | 2.47% | 0.330% |
| 213 | 14.806 | 14.789 | 14.839 | VV | 546        | 10927  | 0.28% | 0.037% |
| 214 | 14.876 | 14.839 | 14.898 | VV | 485        | 12281  | 0.31% | 0.041% |
| 215 | 14.940 | 14.898 | 14.967 | VV | 447        | 12345  | 0.31% | 0.042% |
| 216 | 14.978 | 14.967 | 15.009 | VV | 597        | 8499   | 0.21% | 0.029% |
| 217 | 15.030 | 15.009 | 15.048 | VV | 911        | 12984  | 0.33% | 0.044% |
| 218 | 15.072 | 15.048 | 15.109 | VV | 831        | 19377  | 0.49% | 0.065% |
| 219 | 15.127 | 15.109 | 15.137 | VV | 532        | 7377   | 0.19% | 0.025% |
| 220 | 15.158 | 15.137 | 15.182 | VV | 968        | 18560  | 0.47% | 0.063% |
| 221 | 15.197 | 15.182 | 15.215 | VV | 616        | 8329   | 0.21% | 0.028% |
| 222 | 15.259 | 15.215 | 15.289 | VV | 7038       | 107131 | 2.71% | 0.362% |
| 223 | 15.304 | 15.289 | 15.319 | VV | 781        | 9371   | 0.24% | 0.032% |
| 224 | 15.379 | 15.319 | 15.401 | VV | 1237       | 27587  | 0.70% | 0.093% |
| 225 | 15.420 | 15.401 | 15.431 | PV | 544        | 5645   | 0.14% | 0.019% |
| 226 | 15.441 | 15.431 | 15.451 | VV | 454        | 4303   | 0.11% | 0.015% |
| 227 | 15.473 | 15.451 | 15.496 | VV | 923        | 14726  | 0.37% | 0.050% |
| 228 | 15.511 | 15.496 | 15.530 | VV | 885        | 10697  | 0.27% | 0.036% |
| 229 | 15.578 | 15.530 | 15.617 | VV | 1127       | 34089  | 0.86% | 0.115% |
| 230 | 15.632 | 15.617 | 15.679 | VV | 813        | 19915  | 0.50% | 0.067% |
| 231 | 15.717 | 15.679 | 15.732 | VV | 892        | 18231  | 0.46% | 0.062% |
| 232 | 15.758 | 15.732 | 15.802 | VV | 9478       | 151798 | 3.83% | 0.513% |
| 233 | 15.812 | 15.802 | 15.834 | VV | 825        | 10255  | 0.26% | 0.035% |
| 234 | 15.852 | 15.834 | 15.865 | PV | 491        | 6436   | 0.16% | 0.022% |
| 235 | 15.895 | 15.865 | 15.916 | VV | 1023       | 19689  | 0.50% | 0.067% |
| 236 | 15.939 | 15.916 | 15.981 | VV | 2020       | 48045  | 1.21% | 0.162% |
| 237 | 16.045 | 15.981 | 16.056 | VV | 1210       | 42246  | 1.07% | 0.143% |
| 238 | 16.073 | 16.056 | 16.092 | VV | 1412       | 25052  | 0.63% | 0.085% |
| 239 | 16.114 | 16.092 | 16.162 | VV | 1577       | 37329  | 0.94% | 0.126% |
| 240 | 16.239 | 16.162 | 16.268 | PV | 10293      | 178411 | 4.51% | 0.603% |
| 241 | 16.280 | 16.268 | 16.297 | VV | 757        | 11964  | 0.30% | 0.040% |
| 242 | 16.366 | 16.297 | 16.386 | VV | 1790       | 67357  | 1.70% | 0.228% |
| 243 | 16.395 | 16.386 | 16.414 | VV | 1841       | 26897  | 0.68% | 0.091% |
| 244 | 16.434 | 16.414 | 16.454 | VV | 1625       | 33097  | 0.84% | 0.112% |
| 245 | 16.473 | 16.454 | 16.484 | VV | 1332       | 21322  | 0.54% | 0.072% |
| 246 | 16.492 | 16.484 | 16.522 | VV | 1478       | 24088  | 0.61% | 0.081% |

| rteres.txt |        |        |        |    |       |        |        |        |
|------------|--------|--------|--------|----|-------|--------|--------|--------|
| 247        | 16.543 | 16.522 | 16.566 | VV | 1832  | 30444  | 0.77%  | 0.103% |
| 248        | 16.579 | 16.566 | 16.587 | VV | 1475  | 15320  | 0.39%  | 0.052% |
| 249        | 16.595 | 16.587 | 16.628 | VV | 1400  | 21687  | 0.55%  | 0.073% |
| 250        | 16.638 | 16.628 | 16.647 | VV | 541   | 5306   | 0.13%  | 0.018% |
| 251        | 16.708 | 16.647 | 16.736 | VV | 14755 | 283836 | 7.17%  | 0.959% |
| 252        | 16.752 | 16.736 | 16.768 | VV | 3007  | 41627  | 1.05%  | 0.141% |
| 253        | 16.783 | 16.768 | 16.805 | VV | 1900  | 30360  | 0.77%  | 0.103% |
| 254        | 16.816 | 16.805 | 16.837 | VV | 1449  | 22731  | 0.57%  | 0.077% |
| 255        | 16.889 | 16.837 | 16.899 | VV | 2914  | 77388  | 1.95%  | 0.261% |
| 256        | 16.930 | 16.899 | 16.972 | VV | 5537  | 123078 | 3.11%  | 0.416% |
| 257        | 17.002 | 16.972 | 17.027 | VV | 2875  | 74555  | 1.88%  | 0.252% |
| 258        | 17.039 | 17.027 | 17.061 | VV | 2278  | 37999  | 0.96%  | 0.128% |
| 259        | 17.101 | 17.061 | 17.128 | VV | 5679  | 136795 | 3.45%  | 0.462% |
| 260        | 17.156 | 17.128 | 17.199 | VV | 13898 | 268697 | 6.78%  | 0.908% |
| 261        | 17.214 | 17.199 | 17.229 | VV | 3144  | 44913  | 1.13%  | 0.152% |
| 262        | 17.251 | 17.229 | 17.294 | VV | 5026  | 116954 | 2.95%  | 0.395% |
| 263        | 17.314 | 17.294 | 17.327 | VV | 2067  | 33365  | 0.84%  | 0.113% |
| 264        | 17.340 | 17.327 | 17.363 | VV | 1976  | 35465  | 0.90%  | 0.120% |
| 265        | 17.380 | 17.363 | 17.401 | VV | 1431  | 19761  | 0.50%  | 0.067% |
| 266        | 17.435 | 17.401 | 17.456 | VV | 2687  | 54356  | 1.37%  | 0.184% |
| 267        | 17.480 | 17.456 | 17.504 | VV | 4494  | 82283  | 2.08%  | 0.278% |
| 268        | 17.520 | 17.504 | 17.537 | VV | 3184  | 51431  | 1.30%  | 0.174% |
| 269        | 17.554 | 17.537 | 17.564 | VV | 5147  | 63085  | 1.59%  | 0.213% |
| 270        | 17.589 | 17.564 | 17.647 | VV | 14629 | 302813 | 7.65%  | 1.023% |
| 271        | 17.720 | 17.647 | 17.800 | VV | 14373 | 375499 | 9.48%  | 1.269% |
| 272        | 17.820 | 17.800 | 17.841 | VV | 2055  | 28298  | 0.71%  | 0.096% |
| 273        | 17.868 | 17.841 | 17.884 | VV | 3032  | 47887  | 1.21%  | 0.162% |
| 274        | 17.920 | 17.884 | 17.982 | VV | 3817  | 124892 | 3.15%  | 0.422% |
| 275        | 18.012 | 17.982 | 18.042 | VV | 12837 | 191544 | 4.84%  | 0.647% |
| 276        | 18.085 | 18.042 | 18.181 | VV | 13730 | 319656 | 8.07%  | 1.080% |
| 277        | 18.252 | 18.181 | 18.266 | VV | 2240  | 73362  | 1.85%  | 0.248% |
| 278        | 18.277 | 18.266 | 18.295 | VV | 2199  | 28892  | 0.73%  | 0.098% |
| 279        | 18.316 | 18.295 | 18.367 | VV | 2081  | 48359  | 1.22%  | 0.163% |
| 280        | 18.421 | 18.367 | 18.480 | VV | 11696 | 243548 | 6.15%  | 0.823% |
| 281        | 18.506 | 18.480 | 18.534 | VV | 9000  | 145104 | 3.66%  | 0.490% |
| 282        | 18.556 | 18.534 | 18.605 | VV | 7727  | 166142 | 4.20%  | 0.561% |
| 283        | 18.684 | 18.605 | 18.706 | VV | 4132  | 169647 | 4.28%  | 0.573% |
| 284        | 18.723 | 18.706 | 18.742 | VV | 2742  | 53005  | 1.34%  | 0.179% |
| 285        | 18.763 | 18.742 | 18.771 | VV | 2470  | 38264  | 0.97%  | 0.129% |
| 286        | 18.820 | 18.771 | 18.871 | VV | 10851 | 329696 | 8.33%  | 1.114% |
| 287        | 18.904 | 18.871 | 18.954 | VV | 6066  | 167907 | 4.24%  | 0.567% |
| 288        | 18.998 | 18.954 | 19.047 | VV | 4010  | 176006 | 4.44%  | 0.595% |
| 289        | 19.081 | 19.047 | 19.095 | VV | 3586  | 87039  | 2.20%  | 0.294% |
| 290        | 19.116 | 19.095 | 19.129 | VV | 3582  | 61724  | 1.56%  | 0.209% |
| 291        | 19.210 | 19.129 | 19.281 | VV | 12127 | 545577 | 13.78% | 1.843% |
| 292        | 19.309 | 19.281 | 19.355 | VV | 7585  | 246982 | 6.24%  | 0.834% |
| 293        | 19.364 | 19.355 | 19.377 | VV | 4541  | 54475  | 1.38%  | 0.184% |
| 294        | 19.450 | 19.377 | 19.466 | VV | 6759  | 291945 | 7.37%  | 0.986% |
| 295        | 19.495 | 19.466 | 19.511 | VV | 7668  | 193295 | 4.88%  | 0.653% |
| 296        | 19.579 | 19.511 | 19.594 | VV | 14487 | 468073 | 11.82% | 1.581% |
| 297        | 19.612 | 19.594 | 19.632 | VV | 14146 | 286292 | 7.23%  | 0.967% |
| 298        | 19.640 | 19.632 | 19.694 | VV | 11563 | 336600 | 8.50%  | 1.137% |
| 299        | 19.724 | 19.694 | 19.749 | VV | 10070 | 292241 | 7.38%  | 0.987% |

|     |        |        |        |    |                         |        |          |        |
|-----|--------|--------|--------|----|-------------------------|--------|----------|--------|
|     |        |        |        |    | rteres.txt              |        |          |        |
| 300 | 19.868 | 19.749 | 19.894 | VV | 11695                   | 877410 | 22.16%   | 2.964% |
| 301 | 19.900 | 19.894 | 19.909 | VV | 10317                   | 91665  | 2.31%    | 0.310% |
| 302 | 19.940 | 19.909 | 19.959 | VV | 14983                   | 369929 | 9.34%    | 1.250% |
| 303 | 19.996 | 19.959 | 20.022 | VV | 15675                   | 500674 | 12.64%   | 1.692% |
| 304 | 20.037 | 20.022 | 20.054 | VV | 13105                   | 238468 | 6.02%    | 0.806% |
| 305 | 20.091 | 20.054 | 20.112 | VV | 14054                   | 463138 | 11.69%   | 1.565% |
| 306 | 20.136 | 20.112 | 20.172 | VV | 15587                   | 509298 | 12.86%   | 1.721% |
| 307 | 20.226 | 20.172 | 20.234 | VV | 15048                   | 527299 | 13.32%   | 1.781% |
| 308 | 20.252 | 20.234 | 20.262 | VV | 15643                   | 255861 | 6.46%    | 0.864% |
| 309 | 20.297 | 20.262 | 20.324 | VV | 20292                   | 656171 | 16.57%   | 2.217% |
| 310 | 20.335 | 20.324 | 20.353 | VV | 17020                   | 289155 | 7.30%    | 0.977% |
| 311 | 20.394 | 20.353 | 20.444 | VV | 18052                   | 953552 | 24.08%   | 3.222% |
| 312 | 20.462 | 20.444 | 20.479 | VV | 17814                   | 362260 | 9.15%    | 1.224% |
| 313 | 20.516 | 20.479 | 20.546 | VV | 18176                   | 688945 | 17.40%   | 2.328% |
| 314 | 20.596 | 20.546 | 20.612 | VV | 16991                   | 667928 | 16.87%   | 2.257% |
| 315 | 20.620 | 20.612 | 20.629 | VV | 16931                   | 165017 | 4.17%    | 0.558% |
| 316 | 20.659 | 20.629 | 20.687 | VV | 18029                   | 572060 | 14.45%   | 1.933% |
| 317 | 20.693 | 20.687 | 20.764 | VV | 14556                   | 623180 | 15.74%   | 2.105% |
| 318 | 20.808 | 20.764 | 20.819 | VV | 13131                   | 425831 | 10.75%   | 1.439% |
| 319 | 20.824 | 20.819 | 20.837 | VV | 13078                   | 140671 | 3.55%    | 0.475% |
| 320 | 20.854 | 20.837 | 20.881 | VV | 13506                   | 334383 | 8.44%    | 1.130% |
| 321 | 20.898 | 20.881 | 20.912 | VV | 13687                   | 252080 | 6.37%    | 0.852% |
| 322 | 20.922 | 20.912 | 20.954 | VV | 13547                   | 321957 | 8.13%    | 1.088% |
| 323 | 20.961 | 20.954 | 21.029 | VV | 12448                   | 460495 | 11.63%   | 1.556% |
| 324 | 21.065 | 21.029 | 21.089 | VV | 11677                   | 369802 | 9.34%    | 1.249% |
| 325 | 21.098 | 21.089 | 21.112 | VV | 10336                   | 138575 | 3.50%    | 0.468% |
| 326 | 21.124 | 21.112 | 21.147 | VV | 10383                   | 202409 | 5.11%    | 0.684% |
| 327 | 21.156 | 21.147 | 21.164 | VV | 9180                    | 88122  | 2.23%    | 0.298% |
| 328 | 21.172 | 21.164 | 21.186 | VV | 9096                    | 116857 | 2.95%    | 0.395% |
| 329 | 21.208 | 21.186 | 21.237 | VV | 9236                    | 256525 | 6.48%    | 0.867% |
| 330 | 21.248 | 21.237 | 21.267 | VV | 8276                    | 142830 | 3.61%    | 0.483% |
| 331 | 21.277 | 21.267 | 21.412 | VV | 7670                    | 465715 | 11.76%   | 1.573% |
| 332 | 21.523 | 21.412 | 21.584 | VV | 8051                    | 594721 | 15.02%   | 2.009% |
| 333 | 21.589 | 21.584 | 21.654 | VV | 4785                    | 150133 | 3.79%    | 0.507% |
| 334 | 21.674 | 21.654 | 21.687 | VV | 2835                    | 46351  | 1.17%    | 0.157% |
| 335 | 21.697 | 21.687 | 21.713 | VV | 1942                    | 26408  | 0.67%    | 0.089% |
| 336 | 21.723 | 21.713 | 21.784 | VV | 2062                    | 54883  | 1.39%    | 0.185% |
|     |        |        |        |    | Sum of corrected areas: |        | 29598887 |        |

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