

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC080818AL\  
 Data File : FC035830.D  
 Signal(s) : FID1A.CH  
 Acq On : 09 Aug 2018 1:18  
 Sample : J4275-07DL 5X  
 Misc :  
 ALS Vial : 21 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         | 3.227       | 3.182        | 3.284      | BV       | 155            | 5001         | 0.08%          | 0.010%        |
| 2         | 3.295       | 3.284        | 3.331      | PV       | 159            | 3376         | 0.06%          | 0.007%        |
| 3         | 3.337       | 3.331        | 3.352      | VV       | 153            | 1803         | 0.03%          | 0.004%        |
| 4         | 3.364       | 3.352        | 3.407      | VV       | 252            | 4864         | 0.08%          | 0.009%        |
| 5         | 3.412       | 3.407        | 3.434      | VV       | 249            | 2404         | 0.04%          | 0.005%        |
| 6         | 3.442       | 3.434        | 3.454      | VV       | 164            | 1656         | 0.03%          | 0.003%        |
| 7         | 3.467       | 3.454        | 3.479      | VV       | 193            | 2032         | 0.03%          | 0.004%        |
| 8         | 3.489       | 3.479        | 3.533      | VV       | 203            | 4635         | 0.08%          | 0.009%        |
| 9         | 3.560       | 3.533        | 3.574      | VV       | 215            | 3681         | 0.06%          | 0.007%        |
| 10        | 3.599       | 3.574        | 3.646      | VV       | 325            | 6420         | 0.11%          | 0.013%        |
| 11        | 3.652       | 3.646        | 3.699      | VV       | 232            | 4357         | 0.07%          | 0.009%        |
| 12        | 3.720       | 3.699        | 3.774      | PV       | 249            | 7528         | 0.13%          | 0.015%        |
| 13        | 3.791       | 3.774        | 3.853      | VV       | 306            | 9501         | 0.16%          | 0.019%        |
| 14        | 3.860       | 3.853        | 3.876      | VV       | 203            | 1726         | 0.03%          | 0.003%        |
| 15        | 3.895       | 3.876        | 3.907      | VV       | 186            | 2912         | 0.05%          | 0.006%        |
| 16        | 3.915       | 3.907        | 3.927      | VV       | 143            | 1701         | 0.03%          | 0.003%        |
| 17        | 3.951       | 3.927        | 3.974      | VV       | 291            | 5307         | 0.09%          | 0.010%        |
| 18        | 3.986       | 3.974        | 4.017      | VV       | 249            | 4766         | 0.08%          | 0.009%        |
| 19        | 4.026       | 4.017        | 4.041      | VV       | 249            | 2209         | 0.04%          | 0.004%        |
| 20        | 4.052       | 4.041        | 4.156      | VV       | 356            | 13057        | 0.22%          | 0.025%        |
| 21        | 4.164       | 4.156        | 4.179      | PV       | 191            | 1854         | 0.03%          | 0.004%        |
| 22        | 4.189       | 4.179        | 4.206      | VV       | 203            | 2359         | 0.04%          | 0.005%        |
| 23        | 4.208       | 4.206        | 4.272      | VV       | 255            | 6050         | 0.10%          | 0.012%        |
| 24        | 4.292       | 4.272        | 4.321      | VV       | 656            | 8764         | 0.15%          | 0.017%        |
| 25        | 4.332       | 4.321        | 4.341      | VV       | 321            | 2274         | 0.04%          | 0.004%        |
| 26        | 4.353       | 4.341        | 4.381      | VV       | 286            | 4551         | 0.08%          | 0.009%        |
| 27        | 4.390       | 4.381        | 4.417      | VV       | 273            | 3945         | 0.07%          | 0.008%        |
| 28        | 4.425       | 4.417        | 4.477      | VV       | 286            | 6307         | 0.11%          | 0.012%        |
| 29        | 4.495       | 4.477        | 4.529      | VV       | 335            | 6849         | 0.11%          | 0.013%        |
| 30        | 4.545       | 4.529        | 4.566      | VV       | 304            | 4792         | 0.08%          | 0.009%        |
| 31        | 4.572       | 4.566        | 4.589      | VV       | 275            | 2422         | 0.04%          | 0.005%        |
| 32        | 4.592       | 4.589        | 4.657      | VV       | 252            | 5242         | 0.09%          | 0.010%        |
| 33        | 4.690       | 4.657        | 4.722      | VV       | 328            | 7410         | 0.12%          | 0.014%        |
| 34        | 4.757       | 4.722        | 4.774      | VV       | 320            | 6954         | 0.12%          | 0.014%        |
| 35        | 4.782       | 4.774        | 4.803      | VV       | 157            | 2132         | 0.04%          | 0.004%        |
| 36        | 4.815       | 4.803        | 4.834      | VV       | 284            | 2863         | 0.05%          | 0.006%        |

|    |       |       |       |    |            |       |       |        |  |
|----|-------|-------|-------|----|------------|-------|-------|--------|--|
|    |       |       |       |    | rteres.txt |       |       |        |  |
| 37 | 4.854 | 4.834 | 4.877 | VV | 228        | 4019  | 0.07% | 0.008% |  |
| 38 | 4.923 | 4.877 | 4.953 | PV | 504        | 11851 | 0.20% | 0.023% |  |
| 39 | 4.981 | 4.953 | 4.993 | VV | 391        | 5039  | 0.08% | 0.010% |  |
| 40 | 5.005 | 4.993 | 5.015 | VV | 404        | 3343  | 0.06% | 0.007% |  |
| 41 | 5.029 | 5.015 | 5.084 | VV | 280        | 6818  | 0.11% | 0.013% |  |
| 42 | 5.124 | 5.084 | 5.146 | VV | 271        | 5428  | 0.09% | 0.011% |  |
| 43 | 5.151 | 5.146 | 5.161 | VV | 207        | 1310  | 0.02% | 0.003% |  |
| 44 | 5.182 | 5.161 | 5.197 | VV | 279        | 3142  | 0.05% | 0.006% |  |
| 45 | 5.213 | 5.197 | 5.257 | VV | 333        | 6734  | 0.11% | 0.013% |  |
| 46 | 5.268 | 5.257 | 5.307 | VV | 250        | 4286  | 0.07% | 0.008% |  |
| 47 | 5.329 | 5.307 | 5.364 | VV | 709        | 14018 | 0.23% | 0.027% |  |
| 48 | 5.368 | 5.364 | 5.409 | VV | 306        | 6233  | 0.10% | 0.012% |  |
| 49 | 5.417 | 5.409 | 5.434 | VV | 218        | 2027  | 0.03% | 0.004% |  |
| 50 | 5.507 | 5.434 | 5.528 | VV | 669        | 11830 | 0.20% | 0.023% |  |
| 51 | 5.536 | 5.528 | 5.549 | VV | 230        | 1739  | 0.03% | 0.003% |  |
| 52 | 5.575 | 5.549 | 5.594 | VV | 239        | 4278  | 0.07% | 0.008% |  |
| 53 | 5.616 | 5.594 | 5.647 | VV | 306        | 6917  | 0.12% | 0.014% |  |
| 54 | 5.658 | 5.647 | 5.669 | VV | 158        | 1873  | 0.03% | 0.004% |  |
| 55 | 5.737 | 5.669 | 5.761 | VV | 743        | 15457 | 0.26% | 0.030% |  |
| 56 | 5.777 | 5.761 | 5.800 | VV | 402        | 6901  | 0.11% | 0.013% |  |
| 57 | 5.830 | 5.800 | 5.854 | VV | 426        | 9152  | 0.15% | 0.018% |  |
| 58 | 5.874 | 5.854 | 5.901 | VV | 543        | 10296 | 0.17% | 0.020% |  |
| 59 | 5.921 | 5.901 | 5.949 | VV | 388        | 9391  | 0.16% | 0.018% |  |
| 60 | 5.966 | 5.949 | 5.992 | VV | 496        | 9334  | 0.16% | 0.018% |  |
| 61 | 6.012 | 5.992 | 6.039 | VV | 459        | 10607 | 0.18% | 0.021% |  |
| 62 | 6.053 | 6.039 | 6.070 | VV | 562        | 8030  | 0.13% | 0.016% |  |
| 63 | 6.092 | 6.070 | 6.167 | VV | 2548       | 62439 | 1.04% | 0.122% |  |
| 64 | 6.190 | 6.167 | 6.201 | VV | 707        | 12056 | 0.20% | 0.024% |  |
| 65 | 6.231 | 6.201 | 6.264 | VV | 741        | 25174 | 0.42% | 0.049% |  |
| 66 | 6.304 | 6.264 | 6.374 | VV | 1174       | 39705 | 0.66% | 0.078% |  |
| 67 | 6.403 | 6.374 | 6.434 | VV | 310        | 10066 | 0.17% | 0.020% |  |
| 68 | 6.453 | 6.434 | 6.474 | VV | 642        | 9553  | 0.16% | 0.019% |  |
| 69 | 6.490 | 6.474 | 6.514 | VV | 542        | 8270  | 0.14% | 0.016% |  |
| 70 | 6.522 | 6.514 | 6.541 | VV | 253        | 2766  | 0.05% | 0.005% |  |
| 71 | 6.563 | 6.541 | 6.602 | VV | 312        | 7823  | 0.13% | 0.015% |  |
| 72 | 6.630 | 6.602 | 6.643 | VV | 389        | 6731  | 0.11% | 0.013% |  |
| 73 | 6.653 | 6.643 | 6.672 | VV | 220        | 3771  | 0.06% | 0.007% |  |
| 74 | 6.696 | 6.672 | 6.732 | VV | 377        | 6249  | 0.10% | 0.012% |  |
| 75 | 6.802 | 6.732 | 6.841 | VV | 612        | 23928 | 0.40% | 0.047% |  |
| 76 | 6.859 | 6.841 | 6.884 | VV | 569        | 9478  | 0.16% | 0.019% |  |
| 77 | 6.919 | 6.884 | 6.986 | VV | 3113       | 85869 | 1.43% | 0.168% |  |
| 78 | 7.004 | 6.986 | 7.037 | VV | 1328       | 27423 | 0.46% | 0.054% |  |
| 79 | 7.054 | 7.037 | 7.087 | VV | 722        | 15762 | 0.26% | 0.031% |  |
| 80 | 7.100 | 7.087 | 7.116 | VV | 644        | 8669  | 0.14% | 0.017% |  |
| 81 | 7.129 | 7.116 | 7.156 | VV | 529        | 9924  | 0.17% | 0.019% |  |
| 82 | 7.173 | 7.156 | 7.184 | VV | 463        | 6681  | 0.11% | 0.013% |  |
| 83 | 7.199 | 7.184 | 7.206 | VV | 674        | 7022  | 0.12% | 0.014% |  |
| 84 | 7.225 | 7.206 | 7.262 | VV | 1365       | 21840 | 0.36% | 0.043% |  |
| 85 | 7.311 | 7.262 | 7.344 | VV | 508        | 15712 | 0.26% | 0.031% |  |
| 86 | 7.358 | 7.344 | 7.372 | VV | 514        | 5546  | 0.09% | 0.011% |  |
| 87 | 7.397 | 7.372 | 7.423 | VV | 679        | 13756 | 0.23% | 0.027% |  |
| 88 | 7.443 | 7.423 | 7.459 | VV | 411        | 5607  | 0.09% | 0.011% |  |
| 89 | 7.478 | 7.459 | 7.493 | VV | 392        | 6457  | 0.11% | 0.013% |  |

| rteres.txt |        |        |        |    |       |         |        |        |
|------------|--------|--------|--------|----|-------|---------|--------|--------|
| 90         | 7.529  | 7.493  | 7.626  | VV | 96136 | 1114874 | 18.57% | 2.177% |
| 91         | 7.641  | 7.626  | 7.725  | VV | 1773  | 60975   | 1.02%  | 0.119% |
| 92         | 7.741  | 7.725  | 7.761  | VV | 648   | 11980   | 0.20%  | 0.023% |
| 93         | 7.791  | 7.761  | 7.811  | VV | 933   | 22175   | 0.37%  | 0.043% |
| 94         | 7.825  | 7.811  | 7.866  | VV | 1049  | 27375   | 0.46%  | 0.053% |
| 95         | 7.913  | 7.866  | 7.943  | VV | 1974  | 49272   | 0.82%  | 0.096% |
| 96         | 7.964  | 7.943  | 7.981  | VV | 1056  | 22004   | 0.37%  | 0.043% |
| 97         | 8.009  | 7.981  | 8.025  | VV | 1569  | 31741   | 0.53%  | 0.062% |
| 98         | 8.039  | 8.025  | 8.071  | VV | 1163  | 26826   | 0.45%  | 0.052% |
| 99         | 8.092  | 8.071  | 8.122  | VV | 2079  | 36106   | 0.60%  | 0.070% |
| 100        | 8.149  | 8.122  | 8.174  | VV | 2170  | 36946   | 0.62%  | 0.072% |
| 101        | 8.189  | 8.174  | 8.224  | VV | 1008  | 21748   | 0.36%  | 0.042% |
| 102        | 8.245  | 8.224  | 8.268  | VV | 1430  | 21450   | 0.36%  | 0.042% |
| 103        | 8.281  | 8.268  | 8.296  | VV | 615   | 8388    | 0.14%  | 0.016% |
| 104        | 8.303  | 8.296  | 8.329  | VV | 607   | 10157   | 0.17%  | 0.020% |
| 105        | 8.335  | 8.329  | 8.346  | VV | 535   | 4537    | 0.08%  | 0.009% |
| 106        | 8.388  | 8.346  | 8.522  | VV | 59090 | 785288  | 13.08% | 1.533% |
| 107        | 8.539  | 8.522  | 8.567  | VV | 1400  | 27751   | 0.46%  | 0.054% |
| 108        | 8.626  | 8.567  | 8.659  | VV | 1886  | 54752   | 0.91%  | 0.107% |
| 109        | 8.676  | 8.659  | 8.691  | VV | 716   | 11628   | 0.19%  | 0.023% |
| 110        | 8.703  | 8.691  | 8.714  | VV | 750   | 9212    | 0.15%  | 0.018% |
| 111        | 8.728  | 8.714  | 8.745  | VV | 989   | 14350   | 0.24%  | 0.028% |
| 112        | 8.803  | 8.745  | 8.844  | VV | 2532  | 77268   | 1.29%  | 0.151% |
| 113        | 8.850  | 8.844  | 8.876  | VV | 886   | 12662   | 0.21%  | 0.025% |
| 114        | 8.909  | 8.876  | 8.956  | VV | 2057  | 48716   | 0.81%  | 0.095% |
| 115        | 8.964  | 8.956  | 8.975  | VV | 426   | 4210    | 0.07%  | 0.008% |
| 116        | 8.993  | 8.975  | 9.017  | VV | 610   | 9463    | 0.16%  | 0.018% |
| 117        | 9.050  | 9.017  | 9.062  | VV | 844   | 15283   | 0.25%  | 0.030% |
| 118        | 9.093  | 9.062  | 9.122  | VV | 2283  | 47273   | 0.79%  | 0.092% |
| 119        | 9.131  | 9.122  | 9.166  | VV | 561   | 11858   | 0.20%  | 0.023% |
| 120        | 9.188  | 9.166  | 9.221  | VV | 798   | 16753   | 0.28%  | 0.033% |
| 121        | 9.236  | 9.221  | 9.249  | VV | 420   | 6613    | 0.11%  | 0.013% |
| 122        | 9.288  | 9.249  | 9.314  | VV | 1052  | 26802   | 0.45%  | 0.052% |
| 123        | 9.346  | 9.314  | 9.397  | VV | 911   | 26855   | 0.45%  | 0.052% |
| 124        | 9.413  | 9.397  | 9.428  | VV | 623   | 8872    | 0.15%  | 0.017% |
| 125        | 9.467  | 9.428  | 9.486  | VV | 688   | 17209   | 0.29%  | 0.034% |
| 126        | 9.511  | 9.486  | 9.538  | VV | 826   | 17366   | 0.29%  | 0.034% |
| 127        | 9.551  | 9.538  | 9.567  | VV | 476   | 6526    | 0.11%  | 0.013% |
| 128        | 9.597  | 9.567  | 9.662  | VV | 627   | 27610   | 0.46%  | 0.054% |
| 129        | 9.686  | 9.662  | 9.726  | VV | 1991  | 32468   | 0.54%  | 0.063% |
| 130        | 9.755  | 9.726  | 9.764  | VV | 403   | 6042    | 0.10%  | 0.012% |
| 131        | 9.787  | 9.764  | 9.815  | VV | 346   | 6677    | 0.11%  | 0.013% |
| 132        | 9.848  | 9.815  | 9.877  | VV | 363   | 6819    | 0.11%  | 0.013% |
| 133        | 9.898  | 9.877  | 9.949  | PV | 172   | 3723    | 0.06%  | 0.007% |
| 134        | 9.965  | 9.949  | 9.982  | VV | 224   | 2243    | 0.04%  | 0.004% |
| 135        | 10.021 | 9.982  | 10.046 | VV | 651   | 15641   | 0.26%  | 0.031% |
| 136        | 10.072 | 10.046 | 10.096 | VV | 1279  | 23265   | 0.39%  | 0.045% |
| 137        | 10.116 | 10.096 | 10.135 | VV | 721   | 13170   | 0.22%  | 0.026% |
| 138        | 10.143 | 10.135 | 10.167 | VV | 640   | 11499   | 0.19%  | 0.022% |
| 139        | 10.180 | 10.167 | 10.202 | VV | 760   | 12572   | 0.21%  | 0.025% |
| 140        | 10.215 | 10.202 | 10.236 | VV | 678   | 9023    | 0.15%  | 0.018% |
| 141        | 10.258 | 10.236 | 10.292 | VV | 761   | 14789   | 0.25%  | 0.029% |

| rteres.txt |        |        |        |    |       |        |        |        |
|------------|--------|--------|--------|----|-------|--------|--------|--------|
| 142        | 10.322 | 10.292 | 10.361 | VV | 860   | 24782  | 0.41%  | 0.048% |
| 143        | 10.420 | 10.361 | 10.452 | VV | 2624  | 64111  | 1.07%  | 0.125% |
| 144        | 10.494 | 10.452 | 10.577 | VV | 1866  | 50433  | 0.84%  | 0.098% |
| 145        | 10.661 | 10.577 | 10.714 | PV | 2747  | 56354  | 0.94%  | 0.110% |
| 146        | 10.740 | 10.714 | 10.781 | VV | 862   | 18852  | 0.31%  | 0.037% |
| 147        | 10.809 | 10.781 | 10.824 | VV | 403   | 7880   | 0.13%  | 0.015% |
| 148        | 10.834 | 10.824 | 10.857 | VV | 368   | 3674   | 0.06%  | 0.007% |
| 149        | 10.873 | 10.857 | 10.912 | VV | 364   | 4866   | 0.08%  | 0.010% |
| 150        | 10.926 | 10.912 | 10.940 | PV | 215   | 1826   | 0.03%  | 0.004% |
| 151        | 10.969 | 10.940 | 10.989 | VV | 357   | 5829   | 0.10%  | 0.011% |
| 152        | 11.018 | 10.989 | 11.034 | VV | 262   | 4761   | 0.08%  | 0.009% |
| 153        | 11.053 | 11.034 | 11.076 | VV | 418   | 7160   | 0.12%  | 0.014% |
| 154        | 11.089 | 11.076 | 11.099 | VV | 482   | 5224   | 0.09%  | 0.010% |
| 155        | 11.120 | 11.099 | 11.163 | VV | 2315  | 36111  | 0.60%  | 0.071% |
| 156        | 11.183 | 11.163 | 11.189 | VV | 629   | 6616   | 0.11%  | 0.013% |
| 157        | 11.209 | 11.189 | 11.239 | VV | 1386  | 21211  | 0.35%  | 0.041% |
| 158        | 11.258 | 11.239 | 11.287 | VV | 262   | 4369   | 0.07%  | 0.009% |
| 159        | 11.312 | 11.287 | 11.331 | VV | 552   | 7748   | 0.13%  | 0.015% |
| 160        | 11.352 | 11.331 | 11.382 | VV | 279   | 5798   | 0.10%  | 0.011% |
| 161        | 11.426 | 11.382 | 11.477 | VV | 69799 | 775963 | 12.92% | 1.515% |
| 162        | 11.491 | 11.477 | 11.542 | VV | 1190  | 29507  | 0.49%  | 0.058% |
| 163        | 11.572 | 11.542 | 11.589 | VV | 812   | 17134  | 0.29%  | 0.033% |
| 164        | 11.606 | 11.589 | 11.624 | VV | 1259  | 16447  | 0.27%  | 0.032% |
| 165        | 11.638 | 11.624 | 11.701 | VV | 1031  | 17535  | 0.29%  | 0.034% |
| 166        | 11.719 | 11.701 | 11.730 | PV | 192   | 2415   | 0.04%  | 0.005% |
| 167        | 11.787 | 11.730 | 11.816 | VV | 2628  | 48425  | 0.81%  | 0.095% |
| 168        | 11.837 | 11.816 | 11.847 | VV | 505   | 7726   | 0.13%  | 0.015% |
| 169        | 11.857 | 11.847 | 11.889 | VV | 549   | 9095   | 0.15%  | 0.018% |
| 170        | 11.936 | 11.889 | 11.945 | VV | 409   | 10060  | 0.17%  | 0.020% |
| 171        | 11.959 | 11.945 | 11.970 | VV | 335   | 5086   | 0.08%  | 0.010% |
| 172        | 11.995 | 11.970 | 12.012 | VV | 695   | 12748  | 0.21%  | 0.025% |
| 173        | 12.033 | 12.012 | 12.083 | VV | 2389  | 45707  | 0.76%  | 0.089% |
| 174        | 12.100 | 12.083 | 12.117 | VV | 577   | 10250  | 0.17%  | 0.020% |
| 175        | 12.135 | 12.117 | 12.153 | VV | 774   | 13032  | 0.22%  | 0.025% |
| 176        | 12.164 | 12.153 | 12.183 | VV | 590   | 8290   | 0.14%  | 0.016% |
| 177        | 12.203 | 12.183 | 12.231 | VV | 639   | 12366  | 0.21%  | 0.024% |
| 178        | 12.246 | 12.231 | 12.287 | VV | 840   | 14046  | 0.23%  | 0.027% |
| 179        | 12.354 | 12.287 | 12.377 | VV | 1412  | 26982  | 0.45%  | 0.053% |
| 180        | 12.392 | 12.377 | 12.404 | VV | 576   | 8418   | 0.14%  | 0.016% |
| 181        | 12.424 | 12.404 | 12.446 | VV | 2951  | 38057  | 0.63%  | 0.074% |
| 182        | 12.468 | 12.446 | 12.525 | VV | 5347  | 74455  | 1.24%  | 0.145% |
| 183        | 12.561 | 12.525 | 12.585 | VV | 333   | 8313   | 0.14%  | 0.016% |
| 184        | 12.605 | 12.585 | 12.639 | VV | 560   | 7208   | 0.12%  | 0.014% |
| 185        | 12.657 | 12.639 | 12.689 | PV | 387   | 7569   | 0.13%  | 0.015% |
| 186        | 12.711 | 12.689 | 12.735 | VV | 449   | 7647   | 0.13%  | 0.015% |
| 187        | 12.763 | 12.735 | 12.807 | VV | 5185  | 71386  | 1.19%  | 0.139% |
| 188        | 12.816 | 12.807 | 12.832 | VV | 479   | 5516   | 0.09%  | 0.011% |
| 189        | 12.867 | 12.832 | 12.929 | VV | 42988 | 552616 | 9.20%  | 1.079% |
| 190        | 12.946 | 12.929 | 12.994 | VV | 676   | 15716  | 0.26%  | 0.031% |
| 191        | 13.035 | 12.994 | 13.079 | PV | 2675  | 44535  | 0.74%  | 0.087% |
| 192        | 13.097 | 13.079 | 13.141 | VV | 740   | 17309  | 0.29%  | 0.034% |
| 193        | 13.160 | 13.141 | 13.172 | PV | 375   | 4431   | 0.07%  | 0.009% |
| 194        | 13.190 | 13.172 | 13.206 | VV | 500   | 7573   | 0.13%  | 0.015% |

|     |        |        |        |    |            |       |       |        |
|-----|--------|--------|--------|----|------------|-------|-------|--------|
|     |        |        |        |    | rteres.txt |       |       |        |
| 195 | 13.224 | 13.206 | 13.241 | VV | 537        | 7815  | 0.13% | 0.015% |
| 196 | 13.266 | 13.241 | 13.306 | VV | 1195       | 26856 | 0.45% | 0.052% |
| 197 | 13.355 | 13.306 | 13.384 | VV | 955        | 24105 | 0.40% | 0.047% |
| 198 | 13.462 | 13.384 | 13.478 | VV | 865        | 26523 | 0.44% | 0.052% |
| 199 | 13.495 | 13.478 | 13.516 | VV | 717        | 13340 | 0.22% | 0.026% |
| 200 | 13.535 | 13.516 | 13.586 | VV | 580        | 12654 | 0.21% | 0.025% |
| 201 | 13.621 | 13.586 | 13.651 | PV | 2996       | 47352 | 0.79% | 0.092% |
| 202 | 13.669 | 13.651 | 13.690 | VV | 630        | 7761  | 0.13% | 0.015% |
| 203 | 13.732 | 13.690 | 13.747 | VV | 340        | 5521  | 0.09% | 0.011% |
| 204 | 13.750 | 13.747 | 13.770 | VV | 320        | 2203  | 0.04% | 0.004% |
| 205 | 13.784 | 13.770 | 13.799 | VV | 99         | 1760  | 0.03% | 0.003% |
| 206 | 13.814 | 13.799 | 13.826 | PV | 436        | 4420  | 0.07% | 0.009% |
| 207 | 13.852 | 13.826 | 13.867 | VV | 420        | 8754  | 0.15% | 0.017% |
| 208 | 13.909 | 13.867 | 13.945 | VV | 422        | 13623 | 0.23% | 0.027% |
| 209 | 13.972 | 13.945 | 13.982 | VV | 518        | 8358  | 0.14% | 0.016% |
| 210 | 14.023 | 13.982 | 14.037 | VV | 755        | 19459 | 0.32% | 0.038% |
| 211 | 14.082 | 14.037 | 14.099 | VV | 1051       | 28245 | 0.47% | 0.055% |
| 212 | 14.114 | 14.099 | 14.148 | VV | 1020       | 19658 | 0.33% | 0.038% |
| 213 | 14.180 | 14.148 | 14.207 | VV | 2550       | 46512 | 0.77% | 0.091% |
| 214 | 14.226 | 14.207 | 14.242 | VV | 1122       | 18107 | 0.30% | 0.035% |
| 215 | 14.275 | 14.242 | 14.301 | VV | 1088       | 31645 | 0.53% | 0.062% |
| 216 | 14.325 | 14.301 | 14.368 | VV | 1393       | 33700 | 0.56% | 0.066% |
| 217 | 14.391 | 14.368 | 14.412 | VV | 901        | 17705 | 0.29% | 0.035% |
| 218 | 14.450 | 14.412 | 14.471 | VV | 1005       | 25665 | 0.43% | 0.050% |
| 219 | 14.488 | 14.471 | 14.509 | VV | 667        | 10208 | 0.17% | 0.020% |
| 220 | 14.556 | 14.509 | 14.576 | VV | 901        | 21385 | 0.36% | 0.042% |
| 221 | 14.584 | 14.576 | 14.606 | VV | 799        | 12207 | 0.20% | 0.024% |
| 222 | 14.640 | 14.606 | 14.659 | VV | 2193       | 40578 | 0.68% | 0.079% |
| 223 | 14.678 | 14.659 | 14.699 | VV | 2536       | 41182 | 0.69% | 0.080% |
| 224 | 14.721 | 14.699 | 14.745 | VV | 2277       | 38993 | 0.65% | 0.076% |
| 225 | 14.768 | 14.745 | 14.778 | VV | 978        | 13421 | 0.22% | 0.026% |
| 226 | 14.797 | 14.778 | 14.819 | VV | 1088       | 18040 | 0.30% | 0.035% |
| 227 | 14.841 | 14.819 | 14.857 | VV | 893        | 13913 | 0.23% | 0.027% |
| 228 | 14.873 | 14.857 | 14.892 | VV | 601        | 8738  | 0.15% | 0.017% |
| 229 | 14.961 | 14.892 | 14.984 | VV | 748        | 21373 | 0.36% | 0.042% |
| 230 | 14.994 | 14.984 | 15.007 | VV | 487        | 4498  | 0.07% | 0.009% |
| 231 | 15.024 | 15.007 | 15.042 | VV | 560        | 6982  | 0.12% | 0.014% |
| 232 | 15.109 | 15.042 | 15.119 | PV | 791        | 22763 | 0.38% | 0.044% |
| 233 | 15.154 | 15.119 | 15.168 | VV | 888        | 22507 | 0.37% | 0.044% |
| 234 | 15.193 | 15.168 | 15.202 | VV | 1178       | 18125 | 0.30% | 0.035% |
| 235 | 15.236 | 15.202 | 15.271 | VV | 2816       | 64856 | 1.08% | 0.127% |
| 236 | 15.310 | 15.271 | 15.333 | VV | 1876       | 46820 | 0.78% | 0.091% |
| 237 | 15.353 | 15.333 | 15.381 | VV | 1315       | 22865 | 0.38% | 0.045% |
| 238 | 15.473 | 15.381 | 15.491 | VV | 1055       | 38074 | 0.63% | 0.074% |
| 239 | 15.502 | 15.491 | 15.523 | VV | 722        | 8318  | 0.14% | 0.016% |
| 240 | 15.545 | 15.523 | 15.574 | PV | 814        | 12378 | 0.21% | 0.024% |
| 241 | 15.608 | 15.574 | 15.621 | VV | 713        | 9928  | 0.17% | 0.019% |
| 242 | 15.635 | 15.621 | 15.651 | VV | 747        | 7974  | 0.13% | 0.016% |
| 243 | 15.665 | 15.651 | 15.683 | VV | 546        | 6157  | 0.10% | 0.012% |
| 244 | 15.738 | 15.683 | 15.770 | VV | 3330       | 55629 | 0.93% | 0.109% |
| 245 | 15.799 | 15.770 | 15.821 | VV | 450        | 9884  | 0.16% | 0.019% |
| 246 | 15.914 | 15.821 | 15.934 | PV | 1157       | 24505 | 0.41% | 0.048% |

|     |        |        |        |    |            |        |       |        |
|-----|--------|--------|--------|----|------------|--------|-------|--------|
|     |        |        |        |    | rteres.txt |        |       |        |
| 247 | 15.946 | 15.934 | 15.954 | VV | 409        | 3720   | 0.06% | 0.007% |
| 248 | 16.012 | 15.954 | 16.037 | PV | 1332       | 29024  | 0.48% | 0.057% |
| 249 | 16.055 | 16.037 | 16.070 | VV | 1116       | 16994  | 0.28% | 0.033% |
| 250 | 16.104 | 16.070 | 16.147 | VV | 1463       | 37281  | 0.62% | 0.073% |
| 251 | 16.189 | 16.147 | 16.201 | PV | 3738       | 64085  | 1.07% | 0.125% |
| 252 | 16.218 | 16.201 | 16.263 | VV | 5010       | 92044  | 1.53% | 0.180% |
| 253 | 16.314 | 16.263 | 16.343 | VV | 2142       | 72995  | 1.22% | 0.143% |
| 254 | 16.371 | 16.343 | 16.391 | VV | 1521       | 34282  | 0.57% | 0.067% |
| 255 | 16.412 | 16.391 | 16.442 | VV | 1730       | 33193  | 0.55% | 0.065% |
| 256 | 16.511 | 16.442 | 16.532 | VV | 2095       | 60529  | 1.01% | 0.118% |
| 257 | 16.568 | 16.532 | 16.614 | VV | 2480       | 47762  | 0.80% | 0.093% |
| 258 | 16.689 | 16.614 | 16.710 | PV | 5225       | 115328 | 1.92% | 0.225% |
| 259 | 17.728 | 16.710 | 16.749 | VV | 2817       | 41323  | 0.69% | 0.081% |
| 260 | 16.770 | 16.749 | 16.787 | VV | 1590       | 25011  | 0.42% | 0.049% |
| 261 | 16.802 | 16.787 | 16.814 | VV | 1581       | 15589  | 0.26% | 0.030% |
| 262 | 16.838 | 16.814 | 16.852 | PV | 1707       | 24167  | 0.40% | 0.047% |
| 263 | 16.874 | 16.852 | 16.889 | VV | 1662       | 29524  | 0.49% | 0.058% |
| 264 | 16.910 | 16.889 | 16.937 | VV | 2262       | 46785  | 0.78% | 0.091% |
| 265 | 16.973 | 16.937 | 16.997 | VV | 1748       | 42669  | 0.71% | 0.083% |
| 266 | 17.019 | 16.997 | 17.034 | VV | 1837       | 22765  | 0.38% | 0.044% |
| 267 | 17.078 | 17.034 | 17.104 | PV | 2368       | 66367  | 1.11% | 0.130% |
| 268 | 17.133 | 17.104 | 17.174 | VV | 5098       | 97027  | 1.62% | 0.189% |
| 269 | 17.188 | 17.174 | 17.204 | VV | 1511       | 23453  | 0.39% | 0.046% |
| 270 | 17.229 | 17.204 | 17.258 | VV | 3025       | 60598  | 1.01% | 0.118% |
| 271 | 17.295 | 17.258 | 17.311 | VV | 2678       | 47030  | 0.78% | 0.092% |
| 272 | 17.341 | 17.311 | 17.357 | VV | 1239       | 18972  | 0.32% | 0.037% |
| 273 | 17.406 | 17.357 | 17.424 | VV | 1638       | 35583  | 0.59% | 0.069% |
| 274 | 17.459 | 17.424 | 17.479 | VV | 2296       | 45529  | 0.76% | 0.089% |
| 275 | 17.534 | 17.479 | 17.544 | VV | 2967       | 79583  | 1.33% | 0.155% |
| 276 | 17.566 | 17.544 | 17.614 | VV | 6751       | 148461 | 2.47% | 0.290% |
| 277 | 17.695 | 17.614 | 17.776 | VV | 8112       | 246004 | 4.10% | 0.480% |
| 278 | 17.794 | 17.776 | 17.807 | PV | 934        | 8918   | 0.15% | 0.017% |
| 279 | 17.849 | 17.807 | 17.859 | VV | 1527       | 22351  | 0.37% | 0.044% |
| 280 | 17.911 | 17.859 | 17.918 | VV | 1720       | 51243  | 0.85% | 0.100% |
| 281 | 17.937 | 17.918 | 17.965 | VV | 2374       | 37137  | 0.62% | 0.073% |
| 282 | 17.988 | 17.965 | 18.029 | PV | 5701       | 106692 | 1.78% | 0.208% |
| 283 | 18.061 | 18.029 | 18.089 | VV | 6801       | 142570 | 2.37% | 0.278% |
| 284 | 18.101 | 18.089 | 18.114 | VV | 2900       | 41422  | 0.69% | 0.081% |
| 285 | 18.126 | 18.114 | 18.136 | VV | 3041       | 34480  | 0.57% | 0.067% |
| 286 | 18.186 | 18.136 | 18.209 | VV | 4769       | 151609 | 2.52% | 0.296% |
| 287 | 18.220 | 18.209 | 18.241 | VV | 3783       | 65117  | 1.08% | 0.127% |
| 288 | 18.268 | 18.241 | 18.285 | VV | 4580       | 96982  | 1.62% | 0.189% |
| 289 | 18.317 | 18.285 | 18.337 | VV | 3590       | 104721 | 1.74% | 0.204% |
| 290 | 18.400 | 18.337 | 18.431 | VV | 9439       | 295465 | 4.92% | 0.577% |
| 291 | 18.444 | 18.431 | 18.459 | VV | 4056       | 61849  | 1.03% | 0.121% |
| 292 | 18.486 | 18.459 | 18.507 | VV | 8244       | 178158 | 2.97% | 0.348% |
| 293 | 18.533 | 18.507 | 18.552 | VV | 8441       | 190528 | 3.17% | 0.372% |
| 294 | 18.562 | 18.552 | 18.575 | VV | 6248       | 78035  | 1.30% | 0.152% |
| 295 | 18.595 | 18.575 | 18.605 | VV | 6842       | 108165 | 1.80% | 0.211% |
| 296 | 18.624 | 18.605 | 18.638 | VV | 8007       | 139310 | 2.32% | 0.272% |
| 297 | 18.663 | 18.638 | 18.677 | VV | 9746       | 201179 | 3.35% | 0.393% |
| 298 | 18.700 | 18.677 | 18.710 | VV | 9568       | 171234 | 2.85% | 0.334% |
| 299 | 18.729 | 18.710 | 18.737 | VV | 9542       | 143931 | 2.40% | 0.281% |

|     |        |        |        |    |                         |          |         |         |
|-----|--------|--------|--------|----|-------------------------|----------|---------|---------|
|     |        |        |        |    | rteres.txt              |          |         |         |
| 300 | 18.796 | 18.737 | 18.844 | VV | 16111                   | 771480   | 12.85%  | 1.506%  |
| 301 | 18.886 | 18.844 | 18.929 | VV | 13847                   | 609782   | 10.16%  | 1.191%  |
| 302 | 18.952 | 18.929 | 18.961 | VV | 11962                   | 220367   | 3.67%   | 0.430%  |
| 303 | 18.984 | 18.961 | 19.021 | VV | 12993                   | 422708   | 7.04%   | 0.825%  |
| 304 | 19.044 | 19.021 | 19.064 | VV | 12278                   | 300789   | 5.01%   | 0.587%  |
| 305 | 19.087 | 19.064 | 19.106 | VV | 12732                   | 291040   | 4.85%   | 0.568%  |
| 306 | 19.123 | 19.106 | 19.136 | VV | 12300                   | 210841   | 3.51%   | 0.412%  |
| 307 | 19.182 | 19.136 | 19.218 | VV | 17917                   | 716472   | 11.93%  | 1.399%  |
| 308 | 19.291 | 19.218 | 19.309 | VV | 16364                   | 720356   | 12.00%  | 1.406%  |
| 309 | 19.344 | 19.309 | 19.356 | VV | 15081                   | 398943   | 6.64%   | 0.779%  |
| 310 | 19.377 | 19.356 | 19.391 | VV | 15683                   | 309508   | 5.15%   | 0.604%  |
| 311 | 19.465 | 19.391 | 19.477 | VV | 20316                   | 927373   | 15.44%  | 1.811%  |
| 312 | 19.557 | 19.477 | 19.602 | VV | 25105                   | 1593719  | 26.54%  | 3.112%  |
| 313 | 19.609 | 19.602 | 19.631 | VV | 19678                   | 316712   | 5.27%   | 0.618%  |
| 314 | 19.645 | 19.631 | 19.666 | VV | 19097                   | 374911   | 6.24%   | 0.732%  |
| 315 | 19.803 | 19.666 | 19.812 | VV | 29737                   | 2022985  | 33.69%  | 3.950%  |
| 316 | 19.830 | 19.812 | 19.846 | VV | 30816                   | 601472   | 10.02%  | 1.174%  |
| 317 | 19.864 | 19.846 | 19.880 | VV | 32941                   | 647474   | 10.78%  | 1.264%  |
| 318 | 19.922 | 19.880 | 19.942 | VV | 36769                   | 1272623  | 21.19%  | 2.485%  |
| 319 | 19.962 | 19.942 | 19.999 | VV | 35091                   | 1121136  | 18.67%  | 2.189%  |
| 320 | 20.111 | 19.999 | 20.122 | VV | 40520                   | 2687079  | 44.75%  | 5.246%  |
| 321 | 20.269 | 20.122 | 20.342 | VV | 52729                   | 6004628  | 100.00% | 11.724% |
| 322 | 20.365 | 20.342 | 20.381 | VV | 41289                   | 937891   | 15.62%  | 1.831%  |
| 323 | 20.388 | 20.381 | 20.402 | VV | 39803                   | 487167   | 8.11%   | 0.951%  |
| 324 | 20.416 | 20.402 | 20.431 | VV | 39305                   | 672697   | 11.20%  | 1.313%  |
| 325 | 20.451 | 20.431 | 20.469 | VV | 38371                   | 840037   | 13.99%  | 1.640%  |
| 326 | 20.508 | 20.469 | 20.533 | VV | 41634                   | 1495518  | 24.91%  | 2.920%  |
| 327 | 20.560 | 20.533 | 20.577 | VV | 38446                   | 996559   | 16.60%  | 1.946%  |
| 328 | 20.592 | 20.577 | 20.618 | VV | 38756                   | 892521   | 14.86%  | 1.743%  |
| 329 | 20.633 | 20.618 | 20.691 | VV | 36995                   | 1443300  | 24.04%  | 2.818%  |
| 330 | 20.700 | 20.691 | 20.736 | VV | 29500                   | 772487   | 12.86%  | 1.508%  |
| 331 | 20.768 | 20.736 | 20.792 | VV | 28485                   | 933869   | 15.55%  | 1.823%  |
| 332 | 20.855 | 20.792 | 20.885 | VV | 32895                   | 1641516  | 27.34%  | 3.205%  |
| 333 | 20.899 | 20.885 | 20.946 | VV | 31653                   | 1050750  | 17.50%  | 2.052%  |
| 334 | 20.955 | 20.946 | 20.987 | VV | 28118                   | 666528   | 11.10%  | 1.301%  |
| 335 | 20.994 | 20.987 | 21.008 | VV | 26031                   | 315126   | 5.25%   | 0.615%  |
| 336 | 21.027 | 21.008 | 21.063 | VV | 25087                   | 773734   | 12.89%  | 1.511%  |
| 337 | 21.113 | 21.063 | 21.146 | VV | 22523                   | 1054494  | 17.56%  | 2.059%  |
| 338 | 21.151 | 21.146 | 21.164 | VV | 21368                   | 222744   | 3.71%   | 0.435%  |
| 339 | 21.177 | 21.164 | 21.192 | VV | 19272                   | 324457   | 5.40%   | 0.633%  |
| 340 | 21.197 | 21.192 | 21.211 | VV | 18954                   | 203719   | 3.39%   | 0.398%  |
| 341 | 21.223 | 21.211 | 21.237 | VV | 18945                   | 290713   | 4.84%   | 0.568%  |
| 342 | 21.246 | 21.237 | 21.318 | VV | 18450                   | 766379   | 12.76%  | 1.496%  |
| 343 | 21.333 | 21.318 | 21.372 | VV | 13108                   | 340253   | 5.67%   | 0.664%  |
| 344 | 21.378 | 21.372 | 21.433 | VV | 7629                    | 133561   | 2.22%   | 0.261%  |
| 345 | 21.494 | 21.433 | 21.507 | PV | 4736                    | 102223   | 1.70%   | 0.200%  |
| 346 | 21.550 | 21.507 | 21.573 | VV | 1890                    | 45793    | 0.76%   | 0.089%  |
|     |        |        |        |    | Sum of corrected areas: | 51217256 |         |         |

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