

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC111518AL\  
 Data File : FC037734.D  
 Signal(s) : FID1A.CH  
 Acq On : 16 Nov 2018 5:58  
 Sample : J5767-09DL 10X  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 111318.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         | 3.029       | 3.002        | 3.074      | BV       | 156            | 3088         | 0.17%          | 0.011%        |
| 2         | 3.128       | 3.087        | 3.166      | PV       | 180            | 3370         | 0.19%          | 0.012%        |
| 3         | 3.227       | 3.184        | 3.271      | VV       | 163            | 3452         | 0.19%          | 0.013%        |
| 4         | 3.394       | 3.330        | 3.416      | VV       | 232            | 5622         | 0.32%          | 0.020%        |
| 5         | 3.423       | 3.416        | 3.489      | VV       | 152            | 3846         | 0.22%          | 0.014%        |
| 6         | 3.503       | 3.489        | 3.537      | VV       | 208            | 3731         | 0.21%          | 0.014%        |
| 7         | 3.575       | 3.537        | 3.599      | PV       | 272            | 5737         | 0.32%          | 0.021%        |
| 8         | 3.609       | 3.599        | 3.644      | VV       | 177            | 4289         | 0.24%          | 0.016%        |
| 9         | 3.654       | 3.644        | 3.702      | VV       | 334            | 5728         | 0.32%          | 0.021%        |
| 10        | 3.714       | 3.702        | 3.749      | VV       | 252            | 4232         | 0.24%          | 0.015%        |
| 11        | 3.756       | 3.749        | 3.769      | VV       | 224            | 1856         | 0.10%          | 0.007%        |
| 12        | 3.797       | 3.769        | 3.831      | VV       | 266            | 6648         | 0.37%          | 0.024%        |
| 13        | 3.855       | 3.831        | 3.905      | VV       | 285            | 9158         | 0.51%          | 0.033%        |
| 14        | 3.952       | 3.905        | 3.984      | VV       | 340            | 10836        | 0.61%          | 0.039%        |
| 15        | 3.996       | 3.984        | 4.016      | VV       | 304            | 4051         | 0.23%          | 0.015%        |
| 16        | 4.035       | 4.016        | 4.078      | VV       | 359            | 7745         | 0.43%          | 0.028%        |
| 17        | 4.099       | 4.078        | 4.124      | VV       | 246            | 5646         | 0.32%          | 0.021%        |
| 18        | 4.149       | 4.124        | 4.166      | VV       | 303            | 5330         | 0.30%          | 0.019%        |
| 19        | 4.199       | 4.166        | 4.219      | VV       | 320            | 7034         | 0.39%          | 0.026%        |
| 20        | 4.226       | 4.219        | 4.235      | VV       | 275            | 2013         | 0.11%          | 0.007%        |
| 21        | 4.252       | 4.235        | 4.262      | VV       | 321            | 3464         | 0.19%          | 0.013%        |
| 22        | 4.295       | 4.262        | 4.335      | VV       | 276            | 10154        | 0.57%          | 0.037%        |
| 23        | 4.352       | 4.335        | 4.372      | VV       | 372            | 5797         | 0.32%          | 0.021%        |
| 24        | 4.386       | 4.372        | 4.430      | VV       | 361            | 9824         | 0.55%          | 0.036%        |
| 25        | 4.446       | 4.430        | 4.456      | VV       | 364            | 4164         | 0.23%          | 0.015%        |
| 26        | 4.469       | 4.456        | 4.477      | VV       | 292            | 3018         | 0.17%          | 0.011%        |
| 27        | 4.496       | 4.477        | 4.535      | VV       | 246            | 6710         | 0.38%          | 0.024%        |
| 28        | 4.592       | 4.535        | 4.632      | VV       | 331            | 11750        | 0.66%          | 0.043%        |
| 29        | 4.652       | 4.632        | 4.715      | VV       | 235            | 8281         | 0.46%          | 0.030%        |
| 30        | 4.725       | 4.715        | 4.744      | VV       | 185            | 2568         | 0.14%          | 0.009%        |
| 31        | 4.752       | 4.744        | 4.785      | VV       | 194            | 3735         | 0.21%          | 0.014%        |
| 32        | 4.803       | 4.785        | 4.808      | VV       | 183            | 2311         | 0.13%          | 0.008%        |
| 33        | 4.823       | 4.808        | 4.842      | VV       | 327            | 4740         | 0.27%          | 0.017%        |
| 34        | 4.866       | 4.842        | 4.938      | VV       | 252            | 9742         | 0.55%          | 0.035%        |
| 35        | 4.949       | 4.938        | 5.001      | VV       | 231            | 5069         | 0.28%          | 0.018%        |
| 36        | 5.019       | 5.001        | 5.031      | VV       | 187            | 2886         | 0.16%          | 0.011%        |

|    |       |       |       |    |            |        |        |        |  |
|----|-------|-------|-------|----|------------|--------|--------|--------|--|
|    |       |       |       |    | rteres.txt |        |        |        |  |
| 37 | 5.043 | 5.031 | 5.125 | VV | 251        | 9222   | 0.52%  | 0.034% |  |
| 38 | 5.138 | 5.125 | 5.151 | VV | 188        | 2435   | 0.14%  | 0.009% |  |
| 39 | 5.171 | 5.151 | 5.206 | VV | 200        | 5237   | 0.29%  | 0.019% |  |
| 40 | 5.233 | 5.206 | 5.249 | VV | 301        | 5513   | 0.31%  | 0.020% |  |
| 41 | 5.263 | 5.249 | 5.312 | VV | 283        | 6608   | 0.37%  | 0.024% |  |
| 42 | 5.318 | 5.312 | 5.331 | VV | 174        | 1678   | 0.09%  | 0.006% |  |
| 43 | 5.394 | 5.331 | 5.438 | VV | 358        | 11021  | 0.62%  | 0.040% |  |
| 44 | 5.471 | 5.438 | 5.483 | VV | 265        | 5618   | 0.31%  | 0.020% |  |
| 45 | 5.510 | 5.483 | 5.531 | VV | 336        | 6900   | 0.39%  | 0.025% |  |
| 46 | 5.575 | 5.531 | 5.596 | VV | 243        | 6982   | 0.39%  | 0.025% |  |
| 47 | 5.610 | 5.596 | 5.625 | VV | 209        | 2920   | 0.16%  | 0.011% |  |
| 48 | 5.640 | 5.625 | 5.653 | VV | 198        | 2893   | 0.16%  | 0.011% |  |
| 49 | 5.674 | 5.653 | 5.684 | VV | 240        | 3638   | 0.20%  | 0.013% |  |
| 50 | 5.695 | 5.684 | 5.745 | VV | 243        | 7142   | 0.40%  | 0.026% |  |
| 51 | 5.769 | 5.745 | 5.831 | VV | 1168       | 30178  | 1.69%  | 0.110% |  |
| 52 | 5.841 | 5.831 | 5.850 | VV | 328        | 3399   | 0.19%  | 0.012% |  |
| 53 | 5.864 | 5.850 | 5.881 | VV | 555        | 5941   | 0.33%  | 0.022% |  |
| 54 | 5.930 | 5.881 | 5.968 | VV | 452        | 16447  | 0.92%  | 0.060% |  |
| 55 | 6.004 | 5.968 | 6.068 | VV | 240        | 9811   | 0.55%  | 0.036% |  |
| 56 | 6.081 | 6.068 | 6.093 | VV | 255        | 2531   | 0.14%  | 0.009% |  |
| 57 | 6.114 | 6.093 | 6.190 | VV | 220        | 7477   | 0.42%  | 0.027% |  |
| 58 | 6.214 | 6.190 | 6.248 | VV | 243        | 5061   | 0.28%  | 0.018% |  |
| 59 | 6.273 | 6.248 | 6.291 | VV | 134        | 2536   | 0.14%  | 0.009% |  |
| 60 | 6.298 | 6.291 | 6.325 | VV | 121        | 2273   | 0.13%  | 0.008% |  |
| 61 | 6.346 | 6.325 | 6.375 | VV | 269        | 4580   | 0.26%  | 0.017% |  |
| 62 | 6.381 | 6.375 | 6.435 | VV | 194        | 3829   | 0.21%  | 0.014% |  |
| 63 | 6.468 | 6.450 | 6.507 | VV | 193        | 3132   | 0.18%  | 0.011% |  |
| 64 | 6.518 | 6.507 | 6.529 | VV | 133        | 1132   | 0.06%  | 0.004% |  |
| 65 | 6.540 | 6.529 | 6.560 | PV | 181        | 1749   | 0.10%  | 0.006% |  |
| 66 | 6.585 | 6.560 | 6.621 | VV | 207        | 3761   | 0.21%  | 0.014% |  |
| 67 | 6.636 | 6.621 | 6.664 | VV | 98         | 1475   | 0.08%  | 0.005% |  |
| 68 | 6.696 | 6.682 | 6.708 | VV | 167        | 1828   | 0.10%  | 0.007% |  |
| 69 | 6.722 | 6.708 | 6.735 | VV | 253        | 3103   | 0.17%  | 0.011% |  |
| 70 | 6.751 | 6.735 | 6.781 | VV | 266        | 4433   | 0.25%  | 0.016% |  |
| 71 | 6.817 | 6.781 | 6.871 | VV | 760        | 20726  | 1.16%  | 0.075% |  |
| 72 | 6.897 | 6.871 | 6.918 | VV | 442        | 8556   | 0.48%  | 0.031% |  |
| 73 | 6.943 | 6.918 | 6.991 | VV | 1396       | 23617  | 1.32%  | 0.086% |  |
| 74 | 6.995 | 6.991 | 7.068 | VV | 293        | 7999   | 0.45%  | 0.029% |  |
| 75 | 7.118 | 7.068 | 7.151 | VV | 262        | 7411   | 0.42%  | 0.027% |  |
| 76 | 7.159 | 7.151 | 7.189 | VV | 111        | 2363   | 0.13%  | 0.009% |  |
| 77 | 7.217 | 7.189 | 7.245 | VV | 167        | 2703   | 0.15%  | 0.010% |  |
| 78 | 7.251 | 7.245 | 7.265 | VV | 139        | 1111   | 0.06%  | 0.004% |  |
| 79 | 7.288 | 7.265 | 7.318 | VV | 250        | 5134   | 0.29%  | 0.019% |  |
| 80 | 7.329 | 7.318 | 7.360 | VV | 178        | 2731   | 0.15%  | 0.010% |  |
| 81 | 7.419 | 7.360 | 7.508 | PV | 35398      | 497785 | 27.89% | 1.812% |  |
| 82 | 7.534 | 7.508 | 7.645 | VV | 2061       | 79267  | 4.44%  | 0.289% |  |
| 83 | 7.652 | 7.645 | 7.661 | VV | 429        | 3739   | 0.21%  | 0.014% |  |
| 84 | 7.689 | 7.661 | 7.761 | VV | 596        | 24984  | 1.40%  | 0.091% |  |
| 85 | 7.801 | 7.761 | 7.845 | VV | 974        | 27590  | 1.55%  | 0.100% |  |
| 86 | 7.851 | 7.845 | 7.861 | VV | 399        | 3398   | 0.19%  | 0.012% |  |
| 87 | 7.897 | 7.861 | 7.913 | VV | 2026       | 28835  | 1.62%  | 0.105% |  |
| 88 | 7.924 | 7.913 | 7.965 | VV | 1285       | 24348  | 1.36%  | 0.089% |  |
| 89 | 7.981 | 7.965 | 8.015 | VV | 567        | 13108  | 0.73%  | 0.048% |  |

| rteres.txt |        |        |        |    |       |        |        |        |
|------------|--------|--------|--------|----|-------|--------|--------|--------|
| 90         | 8.045  | 8.015  | 8.056  | VV | 1217  | 17915  | 1.00%  | 0.065% |
| 91         | 8.076  | 8.056  | 8.108  | VV | 2256  | 38257  | 2.14%  | 0.139% |
| 92         | 8.125  | 8.108  | 8.145  | VV | 625   | 10213  | 0.57%  | 0.037% |
| 93         | 8.168  | 8.145  | 8.205  | VV | 731   | 13553  | 0.76%  | 0.049% |
| 94         | 8.217  | 8.205  | 8.241  | VV | 280   | 4431   | 0.25%  | 0.016% |
| 95         | 8.276  | 8.241  | 8.348  | VV | 16051 | 302818 | 16.97% | 1.102% |
| 96         | 8.368  | 8.348  | 8.408  | VV | 4749  | 78582  | 4.40%  | 0.286% |
| 97         | 8.421  | 8.408  | 8.469  | VV | 1031  | 29171  | 1.63%  | 0.106% |
| 98         | 8.478  | 8.469  | 8.498  | VV | 659   | 9711   | 0.54%  | 0.035% |
| 99         | 8.516  | 8.498  | 8.581  | VV | 701   | 22594  | 1.27%  | 0.082% |
| 100        | 8.611  | 8.581  | 8.629  | VV | 1172  | 18518  | 1.04%  | 0.067% |
| 101        | 8.650  | 8.629  | 8.761  | VV | 1507  | 57184  | 3.20%  | 0.208% |
| 102        | 8.781  | 8.761  | 8.798  | VV | 968   | 14747  | 0.83%  | 0.054% |
| 103        | 8.820  | 8.798  | 8.907  | VV | 1084  | 30218  | 1.69%  | 0.110% |
| 104        | 8.933  | 8.907  | 8.951  | VV | 1123  | 16943  | 0.95%  | 0.062% |
| 105        | 8.990  | 8.951  | 9.037  | VV | 2021  | 51221  | 2.87%  | 0.186% |
| 106        | 9.069  | 9.037  | 9.092  | VV | 934   | 18519  | 1.04%  | 0.067% |
| 107        | 9.110  | 9.092  | 9.124  | VV | 364   | 6042   | 0.34%  | 0.022% |
| 108        | 9.152  | 9.124  | 9.205  | VV | 3600  | 72780  | 4.08%  | 0.265% |
| 109        | 9.229  | 9.205  | 9.250  | VV | 1161  | 20495  | 1.15%  | 0.075% |
| 110        | 9.268  | 9.250  | 9.278  | VV | 822   | 11171  | 0.63%  | 0.041% |
| 111        | 9.297  | 9.278  | 9.335  | VV | 1494  | 29352  | 1.64%  | 0.107% |
| 112        | 9.356  | 9.335  | 9.448  | VV | 1093  | 30433  | 1.71%  | 0.111% |
| 113        | 9.474  | 9.448  | 9.513  | VV | 1242  | 27909  | 1.56%  | 0.102% |
| 114        | 9.525  | 9.513  | 9.541  | VV | 540   | 7677   | 0.43%  | 0.028% |
| 115        | 9.577  | 9.541  | 9.711  | VV | 1528  | 58830  | 3.30%  | 0.214% |
| 116        | 9.732  | 9.711  | 9.801  | VV | 455   | 11296  | 0.63%  | 0.041% |
| 117        | 9.853  | 9.801  | 9.862  | PV | 124   | 2418   | 0.14%  | 0.009% |
| 118        | 9.889  | 9.862  | 9.925  | VV | 479   | 7007   | 0.39%  | 0.026% |
| 119        | 9.961  | 9.925  | 9.978  | VV | 474   | 8756   | 0.49%  | 0.032% |
| 120        | 10.026 | 9.978  | 10.048 | VV | 1689  | 37525  | 2.10%  | 0.137% |
| 121        | 10.065 | 10.048 | 10.115 | VV | 1293  | 27058  | 1.52%  | 0.098% |
| 122        | 10.141 | 10.115 | 10.181 | VV | 1665  | 34139  | 1.91%  | 0.124% |
| 123        | 10.230 | 10.181 | 10.250 | VV | 879   | 27375  | 1.53%  | 0.100% |
| 124        | 10.310 | 10.250 | 10.324 | VV | 1887  | 44502  | 2.49%  | 0.162% |
| 125        | 10.347 | 10.324 | 10.427 | VV | 2407  | 75737  | 4.24%  | 0.276% |
| 126        | 10.444 | 10.427 | 10.468 | VV | 866   | 13656  | 0.77%  | 0.050% |
| 127        | 10.475 | 10.468 | 10.493 | VV | 467   | 5408   | 0.30%  | 0.020% |
| 128        | 10.536 | 10.493 | 10.591 | VV | 44106 | 608191 | 34.08% | 2.214% |
| 129        | 10.616 | 10.591 | 10.718 | VV | 8848  | 208781 | 11.70% | 0.760% |
| 130        | 10.724 | 10.718 | 10.780 | VV | 776   | 19379  | 1.09%  | 0.071% |
| 131        | 10.805 | 10.780 | 10.824 | VV | 501   | 10217  | 0.57%  | 0.037% |
| 132        | 10.852 | 10.824 | 10.873 | VV | 1479  | 27252  | 1.53%  | 0.099% |
| 133        | 10.886 | 10.873 | 10.915 | VV | 955   | 20467  | 1.15%  | 0.075% |
| 134        | 10.936 | 10.915 | 10.968 | VV | 912   | 22534  | 1.26%  | 0.082% |
| 135        | 10.975 | 10.968 | 10.991 | VV | 559   | 5825   | 0.33%  | 0.021% |
| 136        | 11.009 | 10.991 | 11.041 | VV | 736   | 15164  | 0.85%  | 0.055% |
| 137        | 11.069 | 11.041 | 11.118 | VV | 1867  | 44705  | 2.50%  | 0.163% |
| 138        | 11.139 | 11.118 | 11.161 | VV | 964   | 14434  | 0.81%  | 0.053% |
| 139        | 11.192 | 11.161 | 11.217 | VV | 1300  | 22847  | 1.28%  | 0.083% |
| 140        | 11.233 | 11.217 | 11.255 | VV | 491   | 8552   | 0.48%  | 0.031% |
| 141        | 11.304 | 11.255 | 11.324 | VV | 23699 | 272624 | 15.27% | 0.992% |

| rteres.txt |        |        |        |    |       |        |        |        |
|------------|--------|--------|--------|----|-------|--------|--------|--------|
| 142        | 11.337 | 11.324 | 11.352 | VV | 7574  | 91155  | 5.11%  | 0.332% |
| 143        | 11.368 | 11.352 | 11.411 | VV | 9186  | 143546 | 8.04%  | 0.523% |
| 144        | 11.445 | 11.411 | 11.466 | VV | 10309 | 154614 | 8.66%  | 0.563% |
| 145        | 11.483 | 11.466 | 11.497 | VV | 6242  | 81642  | 4.57%  | 0.297% |
| 146        | 11.514 | 11.497 | 11.565 | VV | 8000  | 120744 | 6.77%  | 0.440% |
| 147        | 11.587 | 11.565 | 11.601 | VV | 365   | 6716   | 0.38%  | 0.024% |
| 148        | 11.643 | 11.601 | 11.657 | VV | 479   | 12095  | 0.68%  | 0.044% |
| 149        | 11.673 | 11.657 | 11.694 | VV | 825   | 10589  | 0.59%  | 0.039% |
| 150        | 11.724 | 11.694 | 11.787 | VV | 1636  | 44178  | 2.48%  | 0.161% |
| 151        | 11.812 | 11.787 | 11.851 | VV | 2746  | 57556  | 3.22%  | 0.210% |
| 152        | 11.867 | 11.851 | 11.917 | VV | 1034  | 20232  | 1.13%  | 0.074% |
| 153        | 11.950 | 11.917 | 11.973 | PV | 1436  | 26155  | 1.47%  | 0.095% |
| 154        | 11.982 | 11.973 | 11.994 | VV | 532   | 6779   | 0.38%  | 0.025% |
| 155        | 12.012 | 11.994 | 12.024 | VV | 715   | 9907   | 0.56%  | 0.036% |
| 156        | 12.056 | 12.024 | 12.064 | VV | 1236  | 19546  | 1.10%  | 0.071% |
| 157        | 12.078 | 12.064 | 12.102 | VV | 1377  | 21485  | 1.20%  | 0.078% |
| 158        | 12.125 | 12.102 | 12.167 | VV | 2560  | 53912  | 3.02%  | 0.196% |
| 159        | 12.197 | 12.167 | 12.208 | VV | 1812  | 28591  | 1.60%  | 0.104% |
| 160        | 12.229 | 12.208 | 12.249 | VV | 7736  | 104451 | 5.85%  | 0.380% |
| 161        | 12.266 | 12.249 | 12.280 | VV | 3445  | 51685  | 2.90%  | 0.188% |
| 162        | 12.293 | 12.280 | 12.314 | VV | 3015  | 50431  | 2.83%  | 0.184% |
| 163        | 12.341 | 12.314 | 12.409 | VV | 73909 | 935745 | 52.43% | 3.406% |
| 164        | 12.438 | 12.409 | 12.458 | VV | 1247  | 27260  | 1.53%  | 0.099% |
| 165        | 12.480 | 12.458 | 12.495 | VV | 1269  | 21472  | 1.20%  | 0.078% |
| 166        | 12.528 | 12.495 | 12.552 | VV | 3483  | 64043  | 3.59%  | 0.233% |
| 167        | 12.570 | 12.552 | 12.607 | VV | 1704  | 41057  | 2.30%  | 0.149% |
| 168        | 12.635 | 12.607 | 12.678 | VV | 62934 | 777572 | 43.57% | 2.830% |
| 169        | 12.697 | 12.678 | 12.714 | VV | 6174  | 83962  | 4.70%  | 0.306% |
| 170        | 12.747 | 12.714 | 12.792 | VV | 18215 | 299579 | 16.79% | 1.091% |
| 171        | 12.816 | 12.792 | 12.834 | VV | 2533  | 42377  | 2.37%  | 0.154% |
| 172        | 12.847 | 12.834 | 12.888 | VV | 1943  | 30251  | 1.69%  | 0.110% |
| 173        | 12.917 | 12.888 | 12.952 | VV | 3413  | 63249  | 3.54%  | 0.230% |
| 174        | 12.973 | 12.952 | 13.015 | VV | 1999  | 34339  | 1.92%  | 0.125% |
| 175        | 13.039 | 13.015 | 13.074 | VV | 2322  | 45209  | 2.53%  | 0.165% |
| 176        | 13.099 | 13.074 | 13.164 | VV | 4458  | 91916  | 5.15%  | 0.335% |
| 177        | 13.228 | 13.164 | 13.279 | VV | 11619 | 237586 | 13.31% | 0.865% |
| 178        | 13.296 | 13.279 | 13.311 | VV | 1255  | 18772  | 1.05%  | 0.068% |
| 179        | 13.336 | 13.311 | 13.355 | VV | 6987  | 102904 | 5.77%  | 0.375% |
| 180        | 13.372 | 13.355 | 13.397 | VV | 6919  | 100710 | 5.64%  | 0.367% |
| 181        | 13.409 | 13.397 | 13.441 | VV | 2197  | 36979  | 2.07%  | 0.135% |
| 182        | 13.498 | 13.441 | 13.522 | VV | 6820  | 140179 | 7.85%  | 0.510% |
| 183        | 13.541 | 13.522 | 13.594 | VV | 4245  | 81702  | 4.58%  | 0.297% |
| 184        | 13.630 | 13.594 | 13.650 | VV | 823   | 21003  | 1.18%  | 0.076% |
| 185        | 13.671 | 13.650 | 13.701 | VV | 707   | 16917  | 0.95%  | 0.062% |
| 186        | 13.707 | 13.701 | 13.718 | VV | 515   | 4809   | 0.27%  | 0.018% |
| 187        | 13.738 | 13.718 | 13.798 | VV | 566   | 14937  | 0.84%  | 0.054% |
| 188        | 13.814 | 13.798 | 13.828 | PV | 507   | 5127   | 0.29%  | 0.019% |
| 189        | 13.845 | 13.828 | 13.874 | VV | 311   | 5677   | 0.32%  | 0.021% |
| 190        | 13.933 | 13.874 | 13.952 | VV | 2564  | 67108  | 3.76%  | 0.244% |
| 191        | 13.972 | 13.952 | 14.010 | VV | 2418  | 54006  | 3.03%  | 0.197% |
| 192        | 14.062 | 14.010 | 14.115 | VV | 2545  | 80478  | 4.51%  | 0.293% |
| 193        | 14.138 | 14.115 | 14.173 | VV | 4545  | 89268  | 5.00%  | 0.325% |
| 194        | 14.197 | 14.173 | 14.235 | VV | 9021  | 148916 | 8.34%  | 0.542% |

|     |        |        |        |    |            |        |        |        |
|-----|--------|--------|--------|----|------------|--------|--------|--------|
|     |        |        |        |    | rteres.txt |        |        |        |
| 195 | 14.275 | 14.235 | 14.305 | VV | 2480       | 82403  | 4.62%  | 0.300% |
| 196 | 14.318 | 14.305 | 14.341 | VV | 1249       | 23491  | 1.32%  | 0.086% |
| 197 | 14.352 | 14.341 | 14.371 | VV | 1119       | 17372  | 0.97%  | 0.063% |
| 198 | 14.387 | 14.371 | 14.440 | VV | 1615       | 33909  | 1.90%  | 0.123% |
| 199 | 14.508 | 14.440 | 14.528 | PV | 27923      | 383150 | 21.47% | 1.395% |
| 200 | 14.548 | 14.528 | 14.635 | VV | 29511      | 494057 | 27.68% | 1.798% |
| 201 | 14.667 | 14.635 | 14.691 | VV | 6038       | 91047  | 5.10%  | 0.331% |
| 202 | 14.709 | 14.691 | 14.731 | VV | 1855       | 34698  | 1.94%  | 0.126% |
| 203 | 14.744 | 14.731 | 14.794 | VV | 1096       | 27231  | 1.53%  | 0.099% |
| 204 | 14.850 | 14.794 | 14.928 | VV | 2126       | 87904  | 4.93%  | 0.320% |
| 205 | 14.970 | 14.928 | 15.001 | VV | 1609       | 45579  | 2.55%  | 0.166% |
| 206 | 15.013 | 15.001 | 15.039 | VV | 1117       | 17484  | 0.98%  | 0.064% |
| 207 | 15.070 | 15.039 | 15.085 | VV | 700        | 14019  | 0.79%  | 0.051% |
| 208 | 15.096 | 15.085 | 15.102 | VV | 812        | 6513   | 0.36%  | 0.024% |
| 209 | 15.138 | 15.102 | 15.155 | VV | 1557       | 31999  | 1.79%  | 0.116% |
| 210 | 15.182 | 15.155 | 15.204 | VV | 7445       | 113688 | 6.37%  | 0.414% |
| 211 | 15.219 | 15.204 | 15.246 | VV | 3890       | 62957  | 3.53%  | 0.229% |
| 212 | 15.260 | 15.246 | 15.277 | VV | 1722       | 25954  | 1.45%  | 0.094% |
| 213 | 15.317 | 15.277 | 15.328 | VV | 3355       | 59503  | 3.33%  | 0.217% |
| 214 | 15.342 | 15.328 | 15.390 | VV | 4025       | 81127  | 4.55%  | 0.295% |
| 215 | 15.411 | 15.390 | 15.484 | VV | 1465       | 44344  | 2.48%  | 0.161% |
| 216 | 15.507 | 15.484 | 15.548 | VV | 1185       | 20851  | 1.17%  | 0.076% |
| 217 | 15.581 | 15.548 | 15.594 | PV | 1032       | 15747  | 0.88%  | 0.057% |
| 218 | 15.613 | 15.594 | 15.658 | VV | 1344       | 26610  | 1.49%  | 0.097% |
| 219 | 15.680 | 15.658 | 15.698 | VV | 402        | 4846   | 0.27%  | 0.018% |
| 220 | 15.713 | 15.698 | 15.724 | PV | 222        | 2104   | 0.12%  | 0.008% |
| 221 | 15.774 | 15.724 | 15.798 | PV | 1429       | 29887  | 1.67%  | 0.109% |
| 222 | 15.817 | 15.798 | 15.836 | VV | 1236       | 17166  | 0.96%  | 0.062% |
| 223 | 15.859 | 15.836 | 15.902 | VV | 1410       | 41116  | 2.30%  | 0.150% |
| 224 | 15.932 | 15.902 | 15.952 | VV | 1079       | 23174  | 1.30%  | 0.084% |
| 225 | 15.978 | 15.952 | 16.001 | VV | 2208       | 39433  | 2.21%  | 0.144% |
| 226 | 16.058 | 16.001 | 16.165 | VV | 28228      | 632806 | 35.46% | 2.303% |
| 227 | 16.189 | 16.165 | 16.215 | VV | 5951       | 90671  | 5.08%  | 0.330% |
| 228 | 16.228 | 16.215 | 16.268 | VV | 1939       | 38365  | 2.15%  | 0.140% |
| 229 | 16.376 | 16.268 | 16.411 | VV | 17159      | 336285 | 18.84% | 1.224% |
| 230 | 16.436 | 16.411 | 16.508 | VV | 21347      | 366248 | 20.52% | 1.333% |
| 231 | 16.538 | 16.508 | 16.580 | VV | 5509       | 128208 | 7.18%  | 0.467% |
| 232 | 16.599 | 16.580 | 16.625 | VV | 2005       | 43081  | 2.41%  | 0.157% |
| 233 | 16.645 | 16.625 | 16.654 | VV | 1442       | 20193  | 1.13%  | 0.074% |
| 234 | 16.682 | 16.654 | 16.727 | VV | 2535       | 82663  | 4.63%  | 0.301% |
| 235 | 16.741 | 16.727 | 16.761 | VV | 1706       | 25884  | 1.45%  | 0.094% |
| 236 | 16.805 | 16.761 | 16.821 | VV | 3439       | 75586  | 4.24%  | 0.275% |
| 237 | 16.833 | 16.821 | 16.884 | VV | 3082       | 75496  | 4.23%  | 0.275% |
| 238 | 16.936 | 16.884 | 16.988 | VV | 3117       | 114762 | 6.43%  | 0.418% |
| 239 | 17.016 | 16.988 | 17.044 | VV | 3225       | 76775  | 4.30%  | 0.279% |
| 240 | 17.054 | 17.044 | 17.072 | VV | 1968       | 28960  | 1.62%  | 0.105% |
| 241 | 17.095 | 17.072 | 17.185 | VV | 3157       | 129667 | 7.27%  | 0.472% |
| 242 | 17.209 | 17.185 | 17.237 | VV | 1729       | 43740  | 2.45%  | 0.159% |
| 243 | 17.250 | 17.237 | 17.264 | VV | 1284       | 18596  | 1.04%  | 0.068% |
| 244 | 17.288 | 17.264 | 17.298 | VV | 1364       | 25000  | 1.40%  | 0.091% |
| 245 | 17.349 | 17.298 | 17.360 | VV | 1476       | 50154  | 2.81%  | 0.183% |
| 246 | 17.396 | 17.360 | 17.415 | VV | 2427       | 64338  | 3.60%  | 0.234% |

|     |        |        |        |    |                         |         |          |        |
|-----|--------|--------|--------|----|-------------------------|---------|----------|--------|
|     |        |        |        |    | rteres.txt              |         |          |        |
| 247 | 17.444 | 17.415 | 17.482 | VV | 3787                    | 102405  | 5.74%    | 0.373% |
| 248 | 17.554 | 17.482 | 17.570 | VV | 3263                    | 135003  | 7.56%    | 0.491% |
| 249 | 17.582 | 17.570 | 17.588 | VV | 3153                    | 32375   | 1.81%    | 0.118% |
| 250 | 17.602 | 17.588 | 17.685 | VV | 3288                    | 150407  | 8.43%    | 0.547% |
| 251 | 17.718 | 17.685 | 17.775 | VV | 6011                    | 208909  | 11.71%   | 0.760% |
| 252 | 17.806 | 17.775 | 17.837 | VV | 12262                   | 265478  | 14.87%   | 0.966% |
| 253 | 17.862 | 17.837 | 17.886 | VV | 6405                    | 157607  | 8.83%    | 0.574% |
| 254 | 17.894 | 17.886 | 17.906 | VV | 4056                    | 46580   | 2.61%    | 0.170% |
| 255 | 17.946 | 17.906 | 17.963 | VV | 5725                    | 157347  | 8.82%    | 0.573% |
| 256 | 17.974 | 17.963 | 18.027 | VV | 5097                    | 159254  | 8.92%    | 0.580% |
| 257 | 18.055 | 18.027 | 18.118 | VV | 12930                   | 325132  | 18.22%   | 1.184% |
| 258 | 18.140 | 18.118 | 18.164 | VV | 4166                    | 109948  | 6.16%    | 0.400% |
| 259 | 18.197 | 18.164 | 18.245 | VV | 6510                    | 231871  | 12.99%   | 0.844% |
| 260 | 18.274 | 18.245 | 18.292 | VV | 5990                    | 143795  | 8.06%    | 0.523% |
| 261 | 18.302 | 18.292 | 18.327 | VV | 5732                    | 107799  | 6.04%    | 0.392% |
| 262 | 18.344 | 18.327 | 18.355 | VV | 4737                    | 75337   | 4.22%    | 0.274% |
| 263 | 18.395 | 18.355 | 18.419 | VV | 5002                    | 182087  | 10.20%   | 0.663% |
| 264 | 18.428 | 18.419 | 18.435 | VV | 4599                    | 43352   | 2.43%    | 0.158% |
| 265 | 18.504 | 18.435 | 18.516 | VV | 5469                    | 239248  | 13.40%   | 0.871% |
| 266 | 18.522 | 18.516 | 18.531 | VV | 5215                    | 47020   | 2.63%    | 0.171% |
| 267 | 18.535 | 18.531 | 18.547 | VV | 5301                    | 49075   | 2.75%    | 0.179% |
| 268 | 18.577 | 18.547 | 18.603 | VV | 5786                    | 179330  | 10.05%   | 0.653% |
| 269 | 18.672 | 18.603 | 18.702 | VV | 7847                    | 364436  | 20.42%   | 1.327% |
| 270 | 18.746 | 18.702 | 18.798 | VV | 6836                    | 354876  | 19.88%   | 1.292% |
| 271 | 18.846 | 18.798 | 18.881 | VV | 8254                    | 343663  | 19.26%   | 1.251% |
| 272 | 18.927 | 18.881 | 18.948 | VV | 6927                    | 271285  | 15.20%   | 0.988% |
| 273 | 19.056 | 18.948 | 19.098 | VV | 9496                    | 697292  | 39.07%   | 2.538% |
| 274 | 19.158 | 19.098 | 19.171 | VV | 8973                    | 375111  | 21.02%   | 1.365% |
| 275 | 19.223 | 19.171 | 19.258 | VV | 12650                   | 539439  | 30.22%   | 1.964% |
| 276 | 19.292 | 19.258 | 19.326 | VV | 12919                   | 477478  | 26.75%   | 1.738% |
| 277 | 19.360 | 19.326 | 19.411 | VV | 13948                   | 617058  | 34.57%   | 2.246% |
| 278 | 19.431 | 19.411 | 19.458 | VV | 12466                   | 324042  | 18.16%   | 1.180% |
| 279 | 19.516 | 19.458 | 19.524 | VV | 11944                   | 448721  | 25.14%   | 1.633% |
| 280 | 19.603 | 19.524 | 19.639 | VV | 15228                   | 926807  | 51.93%   | 3.374% |
| 281 | 19.670 | 19.639 | 19.688 | VV | 14694                   | 413464  | 23.17%   | 1.505% |
| 282 | 19.726 | 19.688 | 19.768 | VV | 14587                   | 696838  | 39.04%   | 2.537% |
| 283 | 19.793 | 19.768 | 19.812 | VV | 15783                   | 402995  | 22.58%   | 1.467% |
| 284 | 19.848 | 19.812 | 19.878 | VV | 18836                   | 677492  | 37.96%   | 2.466% |
| 285 | 19.889 | 19.878 | 19.897 | VV | 16435                   | 184962  | 10.36%   | 0.673% |
| 286 | 19.957 | 19.897 | 19.992 | VV | 17205                   | 960962  | 53.84%   | 3.498% |
| 287 | 20.013 | 19.992 | 20.023 | VV | 17433                   | 322014  | 18.04%   | 1.172% |
| 288 | 20.152 | 20.023 | 20.184 | VV | 19944                   | 1784781 | 100.00%  | 6.497% |
|     |        |        |        |    | Sum of corrected areas: |         | 27471684 |        |

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