

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC121918AL\  
 Data File : FC038336.D  
 Signal(s) : FID1A.CH  
 Acq On : 19 Dec 2018 20:46  
 Sample : J6196-07DL 5X  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 121018.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         | 3.146       | 3.127        | 3.161      | PV       | 205            | 1615         | 0.05%          | 0.008%        |
| 2         | 3.177       | 3.161        | 3.218      | PV       | 230            | 3042         | 0.09%          | 0.015%        |
| 3         | 3.226       | 3.218        | 3.260      | VV       | 153            | 2561         | 0.08%          | 0.012%        |
| 4         | 3.277       | 3.260        | 3.326      | VV       | 214            | 4030         | 0.12%          | 0.020%        |
| 5         | 3.332       | 3.326        | 3.378      | PV       | 166            | 3303         | 0.10%          | 0.016%        |
| 6         | 3.386       | 3.378        | 3.422      | VV       | 188            | 3383         | 0.10%          | 0.016%        |
| 7         | 3.433       | 3.422        | 3.461      | VV       | 139            | 2842         | 0.09%          | 0.014%        |
| 8         | 3.469       | 3.461        | 3.501      | VV       | 196            | 3351         | 0.10%          | 0.016%        |
| 9         | 3.522       | 3.501        | 3.601      | VV       | 253            | 6528         | 0.20%          | 0.032%        |
| 10        | 3.615       | 3.601        | 3.642      | VV       | 175            | 2414         | 0.07%          | 0.012%        |
| 11        | 3.652       | 3.642        | 3.668      | VV       | 167            | 1699         | 0.05%          | 0.008%        |
| 12        | 3.680       | 3.668        | 3.695      | VV       | 176            | 2097         | 0.06%          | 0.010%        |
| 13        | 3.709       | 3.695        | 3.731      | VV       | 227            | 2618         | 0.08%          | 0.013%        |
| 14        | 3.739       | 3.731        | 3.809      | VV       | 171            | 4329         | 0.13%          | 0.021%        |
| 15        | 3.852       | 3.809        | 3.884      | PV       | 182            | 5647         | 0.17%          | 0.027%        |
| 16        | 3.896       | 3.884        | 3.905      | VV       | 227            | 1890         | 0.06%          | 0.009%        |
| 17        | 3.918       | 3.905        | 3.951      | VV       | 237            | 4677         | 0.14%          | 0.023%        |
| 18        | 3.968       | 3.951        | 4.001      | VV       | 272            | 5132         | 0.16%          | 0.025%        |
| 19        | 4.006       | 4.001        | 4.035      | VV       | 228            | 2939         | 0.09%          | 0.014%        |
| 20        | 4.042       | 4.035        | 4.066      | VV       | 146            | 1459         | 0.05%          | 0.007%        |
| 21        | 4.092       | 4.066        | 4.106      | VV       | 210            | 3091         | 0.10%          | 0.015%        |
| 22        | 4.117       | 4.106        | 4.126      | VV       | 236            | 1707         | 0.05%          | 0.008%        |
| 23        | 4.134       | 4.126        | 4.148      | VV       | 194            | 2020         | 0.06%          | 0.010%        |
| 24        | 4.202       | 4.148        | 4.236      | VV       | 243            | 8493         | 0.26%          | 0.041%        |
| 25        | 4.247       | 4.236        | 4.256      | VV       | 214            | 1979         | 0.06%          | 0.010%        |
| 26        | 4.276       | 4.256        | 4.319      | VV       | 280            | 6508         | 0.20%          | 0.032%        |
| 27        | 4.329       | 4.319        | 4.423      | VV       | 256            | 10280        | 0.32%          | 0.050%        |
| 28        | 4.436       | 4.423        | 4.474      | VV       | 212            | 4173         | 0.13%          | 0.020%        |
| 29        | 4.483       | 4.474        | 4.512      | VV       | 101            | 1966         | 0.06%          | 0.010%        |
| 30        | 4.521       | 4.512        | 4.551      | VV       | 155            | 2300         | 0.07%          | 0.011%        |
| 31        | 4.559       | 4.551        | 4.587      | VV       | 152            | 1826         | 0.06%          | 0.009%        |
| 32        | 4.604       | 4.587        | 4.628      | PV       | 163            | 2069         | 0.06%          | 0.010%        |
| 33        | 4.641       | 4.628        | 4.666      | VV       | 145            | 1870         | 0.06%          | 0.009%        |
| 34        | 4.709       | 4.666        | 4.746      | PV       | 184            | 3835         | 0.12%          | 0.019%        |
| 35        | 4.791       | 4.767        | 4.809      | VV       | 185            | 2236         | 0.07%          | 0.011%        |
| 36        | 4.847       | 4.809        | 4.891      | VV       | 244            | 5236         | 0.16%          | 0.025%        |

|    |       |       |       |    |            |        |       |        |
|----|-------|-------|-------|----|------------|--------|-------|--------|
|    |       |       |       |    | rteres.txt |        |       |        |
| 37 | 4.909 | 4.891 | 4.924 | VV | 212        | 2537   | 0.08% | 0.012% |
| 38 | 4.931 | 4.924 | 4.967 | VV | 161        | 2774   | 0.09% | 0.013% |
| 39 | 4.974 | 4.967 | 5.031 | VV | 220        | 3190   | 0.10% | 0.016% |
| 40 | 5.052 | 5.031 | 5.062 | VV | 177        | 1642   | 0.05% | 0.008% |
| 41 | 5.071 | 5.062 | 5.118 | VV | 111        | 3190   | 0.10% | 0.016% |
| 42 | 5.207 | 5.118 | 5.270 | PV | 258        | 11905  | 0.37% | 0.058% |
| 43 | 5.276 | 5.270 | 5.298 | VV | 176        | 2215   | 0.07% | 0.011% |
| 44 | 5.306 | 5.298 | 5.324 | VV | 169        | 2227   | 0.07% | 0.011% |
| 45 | 5.336 | 5.324 | 5.364 | VV | 160        | 2919   | 0.09% | 0.014% |
| 46 | 5.375 | 5.364 | 5.405 | VV | 168        | 3325   | 0.10% | 0.016% |
| 47 | 5.414 | 5.405 | 5.422 | VV | 172        | 1188   | 0.04% | 0.006% |
| 48 | 5.429 | 5.422 | 5.442 | VV | 179        | 1144   | 0.04% | 0.006% |
| 49 | 5.450 | 5.442 | 5.455 | VV | 146        | 1120   | 0.03% | 0.005% |
| 50 | 5.472 | 5.455 | 5.542 | VV | 205        | 7062   | 0.22% | 0.034% |
| 51 | 5.547 | 5.542 | 5.582 | VV | 181        | 2867   | 0.09% | 0.014% |
| 52 | 5.600 | 5.582 | 5.611 | VV | 138        | 1867   | 0.06% | 0.009% |
| 53 | 5.625 | 5.611 | 5.649 | VV | 177        | 2968   | 0.09% | 0.014% |
| 54 | 5.670 | 5.649 | 5.683 | VV | 186        | 2834   | 0.09% | 0.014% |
| 55 | 5.695 | 5.683 | 5.703 | VV | 210        | 1894   | 0.06% | 0.009% |
| 56 | 5.718 | 5.703 | 5.735 | VV | 204        | 3117   | 0.10% | 0.015% |
| 57 | 5.754 | 5.735 | 5.784 | VV | 235        | 5580   | 0.17% | 0.027% |
| 58 | 5.795 | 5.784 | 5.855 | VV | 236        | 7436   | 0.23% | 0.036% |
| 59 | 5.869 | 5.855 | 5.884 | VV | 205        | 3530   | 0.11% | 0.017% |
| 60 | 5.902 | 5.884 | 5.923 | VV | 310        | 5101   | 0.16% | 0.025% |
| 61 | 5.933 | 5.923 | 5.941 | VV | 222        | 1785   | 0.06% | 0.009% |
| 62 | 5.951 | 5.941 | 5.982 | VV | 218        | 4233   | 0.13% | 0.021% |
| 63 | 6.002 | 5.982 | 6.022 | VV | 220        | 3549   | 0.11% | 0.017% |
| 64 | 6.103 | 6.022 | 6.152 | VV | 247        | 9511   | 0.29% | 0.046% |
| 65 | 6.175 | 6.152 | 6.258 | VV | 368        | 8387   | 0.26% | 0.041% |
| 66 | 6.274 | 6.258 | 6.306 | VV | 170        | 2640   | 0.08% | 0.013% |
| 67 | 6.322 | 6.306 | 6.362 | PV | 164        | 2965   | 0.09% | 0.014% |
| 68 | 6.374 | 6.362 | 6.424 | VV | 174        | 2806   | 0.09% | 0.014% |
| 69 | 6.442 | 6.424 | 6.475 | VV | 237        | 3381   | 0.10% | 0.016% |
| 70 | 6.507 | 6.498 | 6.538 | VV | 164        | 2228   | 0.07% | 0.011% |
| 71 | 6.563 | 6.538 | 6.642 | VV | 220        | 6869   | 0.21% | 0.033% |
| 72 | 6.679 | 6.642 | 6.712 | VV | 175        | 4904   | 0.15% | 0.024% |
| 73 | 6.727 | 6.712 | 6.748 | VV | 170        | 2616   | 0.08% | 0.013% |
| 74 | 6.781 | 6.748 | 6.821 | VV | 220        | 6834   | 0.21% | 0.033% |
| 75 | 6.834 | 6.821 | 6.846 | VV | 149        | 1601   | 0.05% | 0.008% |
| 76 | 6.873 | 6.846 | 6.903 | VV | 239        | 4100   | 0.13% | 0.020% |
| 77 | 6.924 | 6.903 | 6.949 | VV | 138        | 3169   | 0.10% | 0.015% |
| 78 | 6.960 | 6.949 | 6.988 | VV | 146        | 2817   | 0.09% | 0.014% |
| 79 | 6.993 | 6.988 | 7.017 | VV | 171        | 1897   | 0.06% | 0.009% |
| 80 | 7.060 | 7.017 | 7.075 | VV | 305        | 5522   | 0.17% | 0.027% |
| 81 | 7.091 | 7.075 | 7.123 | VV | 575        | 7082   | 0.22% | 0.034% |
| 82 | 7.142 | 7.123 | 7.172 | VV | 179        | 2675   | 0.08% | 0.013% |
| 83 | 7.213 | 7.193 | 7.230 | VV | 99         | 1113   | 0.03% | 0.005% |
| 84 | 7.252 | 7.230 | 7.291 | PV | 244        | 4809   | 0.15% | 0.023% |
| 85 | 7.303 | 7.291 | 7.326 | VV | 106        | 1913   | 0.06% | 0.009% |
| 86 | 7.349 | 7.326 | 7.360 | VV | 191        | 2731   | 0.08% | 0.013% |
| 87 | 7.492 | 7.478 | 7.635 | VV | 2429       | 110893 | 3.42% | 0.539% |
| 88 | 7.651 | 7.635 | 7.667 | VV | 471        | 8549   | 0.26% | 0.042% |
| 89 | 7.677 | 7.667 | 7.734 | VV | 461        | 13378  | 0.41% | 0.065% |

|     |        |        |        |    |            |         |        |        |
|-----|--------|--------|--------|----|------------|---------|--------|--------|
|     |        |        |        |    | rteres.txt |         |        |        |
| 90  | 7.777  | 7.734  | 7.845  | VV | 415        | 13970   | 0.43%  | 0.068% |
| 91  | 7.869  | 7.845  | 7.891  | VV | 293        | 6304    | 0.19%  | 0.031% |
| 92  | 7.919  | 7.891  | 7.934  | VV | 315        | 6192    | 0.19%  | 0.030% |
| 93  | 7.954  | 7.934  | 7.992  | VV | 984        | 13455   | 0.42%  | 0.065% |
| 94  | 8.017  | 7.992  | 8.080  | VV | 1154       | 20740   | 0.64%  | 0.101% |
| 95  | 8.093  | 8.080  | 8.135  | VV | 341        | 6071    | 0.19%  | 0.030% |
| 96  | 8.159  | 8.135  | 8.187  | VV | 149        | 2885    | 0.09%  | 0.014% |
| 97  | 8.199  | 8.187  | 8.217  | PV | 136        | 1154    | 0.04%  | 0.006% |
| 98  | 8.450  | 8.429  | 8.472  | VV | 1256       | 28941   | 0.89%  | 0.141% |
| 99  | 8.485  | 8.472  | 8.518  | VV | 1236       | 27530   | 0.85%  | 0.134% |
| 100 | 8.544  | 8.518  | 8.645  | VV | 894        | 57255   | 1.77%  | 0.278% |
| 101 | 8.665  | 8.645  | 8.676  | VV | 874        | 14041   | 0.43%  | 0.068% |
| 102 | 8.682  | 8.676  | 8.737  | VV | 812        | 24512   | 0.76%  | 0.119% |
| 103 | 8.771  | 8.737  | 8.840  | VV | 1839       | 51078   | 1.58%  | 0.248% |
| 104 | 8.854  | 8.840  | 8.878  | VV | 627        | 12922   | 0.40%  | 0.063% |
| 105 | 8.960  | 8.878  | 9.025  | VV | 3091       | 96113   | 2.97%  | 0.467% |
| 106 | 9.040  | 9.025  | 9.077  | VV | 622        | 17005   | 0.52%  | 0.083% |
| 107 | 9.139  | 9.077  | 9.174  | VV | 779        | 36394   | 1.12%  | 0.177% |
| 108 | 9.230  | 9.174  | 9.250  | VV | 727        | 28583   | 0.88%  | 0.139% |
| 109 | 9.274  | 9.250  | 9.301  | VV | 766        | 19336   | 0.60%  | 0.094% |
| 110 | 9.320  | 9.301  | 9.363  | VV | 794        | 23346   | 0.72%  | 0.113% |
| 111 | 9.395  | 9.363  | 9.431  | VV | 619        | 22903   | 0.71%  | 0.111% |
| 112 | 9.466  | 9.431  | 9.474  | VV | 747        | 16184   | 0.50%  | 0.079% |
| 113 | 9.495  | 9.474  | 9.515  | VV | 813        | 18312   | 0.57%  | 0.089% |
| 114 | 9.545  | 9.515  | 9.604  | VV | 2016       | 51632   | 1.59%  | 0.251% |
| 115 | 9.620  | 9.604  | 9.671  | VV | 721        | 24674   | 0.76%  | 0.120% |
| 116 | 9.701  | 9.671  | 9.752  | VV | 699        | 26815   | 0.83%  | 0.130% |
| 117 | 9.772  | 9.752  | 9.805  | VV | 600        | 16636   | 0.51%  | 0.081% |
| 118 | 9.811  | 9.805  | 9.829  | VV | 557        | 7651    | 0.24%  | 0.037% |
| 119 | 9.927  | 9.829  | 9.955  | VV | 980        | 47638   | 1.47%  | 0.232% |
| 120 | 9.978  | 9.955  | 10.002 | VV | 692        | 16962   | 0.52%  | 0.082% |
| 121 | 10.018 | 10.002 | 10.051 | VV | 717        | 17929   | 0.55%  | 0.087% |
| 122 | 10.071 | 10.051 | 10.089 | VV | 700        | 12181   | 0.38%  | 0.059% |
| 123 | 10.105 | 10.089 | 10.142 | VV | 573        | 14938   | 0.46%  | 0.073% |
| 124 | 10.169 | 10.142 | 10.182 | VV | 530        | 11552   | 0.36%  | 0.056% |
| 125 | 10.207 | 10.182 | 10.225 | VV | 556        | 13226   | 0.41%  | 0.064% |
| 126 | 10.277 | 10.225 | 10.318 | VV | 2025       | 57001   | 1.76%  | 0.277% |
| 127 | 10.352 | 10.318 | 10.439 | VV | 1099       | 42534   | 1.31%  | 0.207% |
| 128 | 10.498 | 10.439 | 10.518 | VV | 480        | 19535   | 0.60%  | 0.095% |
| 129 | 10.535 | 10.518 | 10.562 | VV | 511        | 11121   | 0.34%  | 0.054% |
| 130 | 10.605 | 10.562 | 10.633 | VV | 551        | 19240   | 0.59%  | 0.094% |
| 131 | 10.664 | 10.633 | 10.675 | VV | 638        | 12379   | 0.38%  | 0.060% |
| 132 | 10.684 | 10.675 | 10.762 | VV | 475        | 21011   | 0.65%  | 0.102% |
| 133 | 10.783 | 10.762 | 10.868 | VV | 417        | 18032   | 0.56%  | 0.088% |
| 134 | 10.909 | 10.868 | 10.938 | VV | 452        | 12654   | 0.39%  | 0.062% |
| 135 | 10.976 | 10.938 | 11.017 | VV | 1629       | 28635   | 0.88%  | 0.139% |
| 136 | 11.064 | 11.017 | 11.104 | VV | 656        | 16799   | 0.52%  | 0.082% |
| 137 | 11.133 | 11.104 | 11.152 | VV | 180        | 4405    | 0.14%  | 0.021% |
| 138 | 11.158 | 11.152 | 11.189 | VV | 244        | 3513    | 0.11%  | 0.017% |
| 139 | 11.213 | 11.189 | 11.237 | VV | 278        | 4874    | 0.15%  | 0.024% |
| 140 | 11.272 | 11.237 | 11.354 | VV | 122721     | 1351127 | 41.70% | 6.568% |
| 141 | 11.363 | 11.354 | 11.369 | VV | 477        | 3694    | 0.11%  | 0.018% |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 142        | 11.390 | 11.369 | 11.497 | VV | 600    | 27080   | 0.84%  | 0.132% |
| 143        | 11.535 | 11.497 | 11.585 | VV | 571    | 15389   | 0.47%  | 0.075% |
| 144        | 11.641 | 11.585 | 11.664 | VV | 1386   | 24135   | 0.74%  | 0.117% |
| 145        | 11.694 | 11.664 | 11.783 | VV | 15695  | 215872  | 6.66%  | 1.049% |
| 146        | 11.798 | 11.783 | 11.808 | VV | 232    | 3053    | 0.09%  | 0.015% |
| 147        | 11.823 | 11.808 | 11.832 | VV | 239    | 2657    | 0.08%  | 0.013% |
| 148        | 11.841 | 11.832 | 11.852 | VV | 200    | 2219    | 0.07%  | 0.011% |
| 149        | 11.863 | 11.852 | 11.892 | VV | 194    | 3733    | 0.12%  | 0.018% |
| 150        | 11.920 | 11.892 | 11.968 | VV | 543    | 16896   | 0.52%  | 0.082% |
| 151        | 11.977 | 11.968 | 12.008 | VV | 406    | 7369    | 0.23%  | 0.036% |
| 152        | 12.018 | 12.008 | 12.045 | VV | 299    | 5089    | 0.16%  | 0.025% |
| 153        | 12.054 | 12.045 | 12.071 | VV | 274    | 3641    | 0.11%  | 0.018% |
| 154        | 12.098 | 12.071 | 12.140 | VV | 326    | 9086    | 0.28%  | 0.044% |
| 155        | 12.158 | 12.140 | 12.185 | VV | 267    | 5419    | 0.17%  | 0.026% |
| 156        | 12.199 | 12.185 | 12.252 | VV | 310    | 8499    | 0.26%  | 0.041% |
| 157        | 12.277 | 12.252 | 12.299 | VV | 1451   | 18903   | 0.58%  | 0.092% |
| 158        | 12.324 | 12.299 | 12.380 | VV | 794    | 18445   | 0.57%  | 0.090% |
| 159        | 12.404 | 12.380 | 12.433 | VV | 344    | 6881    | 0.21%  | 0.033% |
| 160        | 12.447 | 12.433 | 12.467 | VV | 164    | 1315    | 0.04%  | 0.006% |
| 161        | 12.530 | 12.467 | 12.543 | PV | 161    | 4843    | 0.15%  | 0.024% |
| 162        | 12.556 | 12.543 | 12.585 | VV | 204    | 3236    | 0.10%  | 0.016% |
| 163        | 12.611 | 12.585 | 12.658 | VV | 578    | 14038   | 0.43%  | 0.068% |
| 164        | 12.712 | 12.658 | 12.738 | VV | 102968 | 1871433 | 57.76% | 9.097% |
| 165        | 12.758 | 12.738 | 12.865 | VV | 57451  | 818992  | 25.28% | 3.981% |
| 166        | 12.885 | 12.865 | 12.915 | VV | 1559   | 26979   | 0.83%  | 0.131% |
| 167        | 12.939 | 12.915 | 13.056 | VV | 6667   | 113352  | 3.50%  | 0.551% |
| 168        | 13.079 | 13.056 | 13.103 | VV | 344    | 7970    | 0.25%  | 0.039% |
| 169        | 13.123 | 13.103 | 13.134 | VV | 340    | 5522    | 0.17%  | 0.027% |
| 170        | 13.154 | 13.134 | 13.175 | VV | 337    | 6942    | 0.21%  | 0.034% |
| 171        | 13.200 | 13.175 | 13.218 | VV | 335    | 6086    | 0.19%  | 0.030% |
| 172        | 13.236 | 13.218 | 13.261 | VV | 499    | 8556    | 0.26%  | 0.042% |
| 173        | 13.275 | 13.261 | 13.302 | VV | 365    | 6350    | 0.20%  | 0.031% |
| 174        | 13.341 | 13.302 | 13.398 | VV | 358    | 14701   | 0.45%  | 0.071% |
| 175        | 13.418 | 13.398 | 13.438 | VV | 336    | 4722    | 0.15%  | 0.023% |
| 176        | 13.468 | 13.438 | 13.498 | VV | 1195   | 19890   | 0.61%  | 0.097% |
| 177        | 13.514 | 13.498 | 13.539 | VV | 211    | 3557    | 0.11%  | 0.017% |
| 178        | 13.559 | 13.539 | 13.582 | VV | 193    | 3579    | 0.11%  | 0.017% |
| 179        | 13.593 | 13.582 | 13.634 | VV | 158    | 3678    | 0.11%  | 0.018% |
| 180        | 13.686 | 13.634 | 13.694 | PV | 236    | 4087    | 0.13%  | 0.020% |
| 181        | 13.715 | 13.694 | 13.729 | VV | 310    | 4569    | 0.14%  | 0.022% |
| 182        | 13.774 | 13.729 | 13.788 | VV | 389    | 9236    | 0.29%  | 0.045% |
| 183        | 13.849 | 13.788 | 13.868 | VV | 318    | 11740   | 0.36%  | 0.057% |
| 184        | 13.918 | 13.868 | 13.985 | VV | 908    | 26653   | 0.82%  | 0.130% |
| 185        | 14.027 | 13.985 | 14.058 | VV | 1148   | 20327   | 0.63%  | 0.099% |
| 186        | 14.084 | 14.058 | 14.138 | VV | 933    | 22047   | 0.68%  | 0.107% |
| 187        | 14.182 | 14.138 | 14.224 | VV | 338    | 10878   | 0.34%  | 0.053% |
| 188        | 14.252 | 14.224 | 14.269 | VV | 221    | 3898    | 0.12%  | 0.019% |
| 189        | 14.286 | 14.269 | 14.338 | VV | 221    | 4388    | 0.14%  | 0.021% |
| 190        | 14.400 | 14.338 | 14.441 | PV | 250    | 6786    | 0.21%  | 0.033% |
| 191        | 14.463 | 14.441 | 14.478 | VV | 216    | 2526    | 0.08%  | 0.012% |
| 192        | 14.521 | 14.478 | 14.538 | PV | 543    | 10883   | 0.34%  | 0.053% |
| 193        | 14.565 | 14.538 | 14.592 | VV | 1433   | 22873   | 0.71%  | 0.111% |
| 194        | 14.609 | 14.592 | 14.652 | VV | 445    | 10951   | 0.34%  | 0.053% |

|     |        |        |        |    |            |       |       |        |  |
|-----|--------|--------|--------|----|------------|-------|-------|--------|--|
|     |        |        |        |    | rteres.txt |       |       |        |  |
| 195 | 14.661 | 14.652 | 14.680 | VV | 296        | 3381  | 0.10% | 0.016% |  |
| 196 | 14.705 | 14.680 | 14.742 | VV | 208        | 4451  | 0.14% | 0.022% |  |
| 197 | 14.764 | 14.742 | 14.799 | VV | 242        | 5352  | 0.17% | 0.026% |  |
| 198 | 14.809 | 14.799 | 14.818 | VV | 134        | 1189  | 0.04% | 0.006% |  |
| 199 | 14.869 | 14.818 | 14.885 | VV | 140        | 4441  | 0.14% | 0.022% |  |
| 200 | 14.967 | 14.885 | 15.054 | PV | 1990       | 84882 | 2.62% | 0.413% |  |
| 201 | 15.082 | 15.054 | 15.106 | VV | 1661       | 26930 | 0.83% | 0.131% |  |
| 202 | 15.137 | 15.106 | 15.205 | VV | 1294       | 33797 | 1.04% | 0.164% |  |
| 203 | 15.231 | 15.205 | 15.240 | VV | 147        | 2411  | 0.07% | 0.012% |  |
| 204 | 15.261 | 15.240 | 15.272 | PV | 283        | 2521  | 0.08% | 0.012% |  |
| 205 | 15.332 | 15.272 | 15.342 | PV | 262        | 7148  | 0.22% | 0.035% |  |
| 206 | 15.399 | 15.342 | 15.415 | VV | 306        | 8850  | 0.27% | 0.043% |  |
| 207 | 15.469 | 15.415 | 15.488 | VV | 312        | 8786  | 0.27% | 0.043% |  |
| 208 | 15.503 | 15.488 | 15.515 | VV | 283        | 3737  | 0.12% | 0.018% |  |
| 209 | 15.580 | 15.515 | 15.619 | VV | 1931       | 36274 | 1.12% | 0.176% |  |
| 210 | 15.641 | 15.619 | 15.662 | VV | 361        | 5666  | 0.17% | 0.028% |  |
| 211 | 15.738 | 15.662 | 15.773 | VV | 360        | 11074 | 0.34% | 0.054% |  |
| 212 | 15.797 | 15.773 | 15.813 | VV | 287        | 5259  | 0.16% | 0.026% |  |
| 213 | 15.857 | 15.813 | 15.924 | VV | 417        | 14522 | 0.45% | 0.071% |  |
| 214 | 15.994 | 15.924 | 16.015 | PV | 767        | 25818 | 0.80% | 0.125% |  |
| 215 | 16.061 | 16.015 | 16.100 | VV | 2847       | 51048 | 1.58% | 0.248% |  |
| 216 | 16.126 | 16.100 | 16.148 | VV | 857        | 13260 | 0.41% | 0.064% |  |
| 217 | 16.196 | 16.148 | 16.207 | VV | 227        | 6981  | 0.22% | 0.034% |  |
| 218 | 16.242 | 16.207 | 16.275 | VV | 383        | 8311  | 0.26% | 0.040% |  |
| 219 | 16.312 | 16.275 | 16.328 | PV | 245        | 3985  | 0.12% | 0.019% |  |
| 220 | 16.360 | 16.328 | 16.378 | VV | 761        | 13105 | 0.40% | 0.064% |  |
| 221 | 16.405 | 16.378 | 16.449 | VV | 1116       | 29245 | 0.90% | 0.142% |  |
| 222 | 16.468 | 16.449 | 16.478 | VV | 494        | 6788  | 0.21% | 0.033% |  |
| 223 | 16.524 | 16.478 | 16.551 | VV | 3647       | 59495 | 1.84% | 0.289% |  |
| 224 | 16.562 | 16.551 | 16.582 | VV | 837        | 11297 | 0.35% | 0.055% |  |
| 225 | 16.602 | 16.582 | 16.621 | VV | 864        | 12231 | 0.38% | 0.059% |  |
| 226 | 16.632 | 16.621 | 16.647 | VV | 273        | 2973  | 0.09% | 0.014% |  |
| 227 | 16.674 | 16.647 | 16.685 | PV | 251        | 3837  | 0.12% | 0.019% |  |
| 228 | 16.738 | 16.685 | 16.755 | VV | 415        | 8579  | 0.26% | 0.042% |  |
| 229 | 16.776 | 16.755 | 16.788 | VV | 132        | 1993  | 0.06% | 0.010% |  |
| 230 | 16.810 | 16.788 | 16.827 | PV | 516        | 6659  | 0.21% | 0.032% |  |
| 231 | 16.851 | 16.827 | 16.871 | PV | 507        | 6854  | 0.21% | 0.033% |  |
| 232 | 16.899 | 16.871 | 16.942 | VV | 1024       | 27283 | 0.84% | 0.133% |  |
| 233 | 16.974 | 16.942 | 17.021 | VV | 4489       | 78042 | 2.41% | 0.379% |  |
| 234 | 17.077 | 17.021 | 17.089 | VV | 691        | 25088 | 0.77% | 0.122% |  |
| 235 | 17.129 | 17.089 | 17.139 | VV | 603        | 14007 | 0.43% | 0.068% |  |
| 236 | 17.146 | 17.139 | 17.152 | VV | 470        | 3151  | 0.10% | 0.015% |  |
| 237 | 17.210 | 17.152 | 17.220 | VV | 401        | 10072 | 0.31% | 0.049% |  |
| 238 | 17.306 | 17.220 | 17.332 | PV | 618        | 23315 | 0.72% | 0.113% |  |
| 239 | 17.409 | 17.332 | 17.442 | PV | 4513       | 85201 | 2.63% | 0.414% |  |
| 240 | 17.510 | 17.442 | 17.532 | PV | 2083       | 54600 | 1.69% | 0.265% |  |
| 241 | 17.550 | 17.532 | 17.572 | VV | 907        | 16865 | 0.52% | 0.082% |  |
| 242 | 17.579 | 17.572 | 17.595 | VV | 607        | 5477  | 0.17% | 0.027% |  |
| 243 | 17.639 | 17.595 | 17.652 | VV | 281        | 6868  | 0.21% | 0.033% |  |
| 244 | 17.700 | 17.652 | 17.742 | PV | 999        | 27996 | 0.86% | 0.136% |  |
| 245 | 17.791 | 17.742 | 17.805 | VV | 1643       | 35766 | 1.10% | 0.174% |  |
| 246 | 17.831 | 17.805 | 17.862 | VV | 5059       | 90959 | 2.81% | 0.442% |  |

| rteres.txt              |        |        |        |    |          |         |         |         |
|-------------------------|--------|--------|--------|----|----------|---------|---------|---------|
| 247                     | 17.879 | 17.862 | 17.900 | VV | 1337     | 24145   | 0.75%   | 0.117%  |
| 248                     | 17.918 | 17.900 | 17.941 | VV | 985      | 16373   | 0.51%   | 0.080%  |
| 249                     | 18.112 | 17.941 | 18.123 | VV | 570      | 26210   | 0.81%   | 0.127%  |
| 250                     | 18.238 | 18.123 | 18.274 | PV | 4148     | 82969   | 2.56%   | 0.403%  |
| 251                     | 18.305 | 18.274 | 18.318 | VV | 1316     | 24617   | 0.76%   | 0.120%  |
| 252                     | 18.339 | 18.318 | 18.395 | VV | 2990     | 62028   | 1.91%   | 0.302%  |
| 253                     | 18.440 | 18.395 | 18.455 | VV | 467      | 10385   | 0.32%   | 0.050%  |
| 254                     | 18.479 | 18.455 | 18.487 | VV | 419      | 5525    | 0.17%   | 0.027%  |
| 255                     | 18.513 | 18.487 | 18.522 | VV | 382      | 4752    | 0.15%   | 0.023%  |
| 256                     | 18.634 | 18.522 | 18.670 | PV | 4100     | 111400  | 3.44%   | 0.542%  |
| 257                     | 18.688 | 18.670 | 18.702 | VV | 1023     | 15224   | 0.47%   | 0.074%  |
| 258                     | 18.750 | 18.702 | 18.775 | VV | 969      | 37606   | 1.16%   | 0.183%  |
| 259                     | 18.814 | 18.775 | 18.829 | VV | 1563     | 34397   | 1.06%   | 0.167%  |
| 260                     | 18.852 | 18.829 | 18.862 | VV | 911      | 15199   | 0.47%   | 0.074%  |
| 261                     | 18.892 | 18.862 | 18.901 | VV | 859      | 17650   | 0.54%   | 0.086%  |
| 262                     | 18.923 | 18.901 | 18.938 | VV | 971      | 17380   | 0.54%   | 0.084%  |
| 263                     | 19.018 | 18.938 | 19.047 | VV | 3941     | 101034  | 3.12%   | 0.491%  |
| 264                     | 19.055 | 19.047 | 19.065 | VV | 1737     | 17787   | 0.55%   | 0.086%  |
| 265                     | 19.088 | 19.065 | 19.097 | VV | 1613     | 28930   | 0.89%   | 0.141%  |
| 266                     | 19.128 | 19.097 | 19.172 | VV | 2593     | 77321   | 2.39%   | 0.376%  |
| 267                     | 19.325 | 19.172 | 19.342 | VV | 4204     | 274747  | 8.48%   | 1.336%  |
| 268                     | 19.392 | 19.342 | 19.412 | VV | 6080     | 204920  | 6.32%   | 0.996%  |
| 269                     | 19.421 | 19.412 | 19.435 | VV | 5630     | 73630   | 2.27%   | 0.358%  |
| 270                     | 19.447 | 19.435 | 19.465 | VV | 5054     | 87586   | 2.70%   | 0.426%  |
| 271                     | 19.535 | 19.465 | 19.550 | VV | 5698     | 251083  | 7.75%   | 1.220%  |
| 272                     | 19.625 | 19.550 | 19.644 | VV | 8710     | 387077  | 11.95%  | 1.882%  |
| 273                     | 19.668 | 19.644 | 19.679 | VV | 8565     | 167648  | 5.17%   | 0.815%  |
| 274                     | 19.761 | 19.679 | 19.779 | VV | 10146    | 534399  | 16.49%  | 2.598%  |
| 275                     | 19.797 | 19.779 | 19.814 | VV | 9750     | 197541  | 6.10%   | 0.960%  |
| 276                     | 19.826 | 19.814 | 19.836 | VV | 9859     | 128408  | 3.96%   | 0.624%  |
| 277                     | 19.933 | 19.836 | 19.950 | VV | 13286    | 779698  | 24.06%  | 3.790%  |
| 278                     | 19.959 | 19.950 | 19.964 | VV | 12465    | 105934  | 3.27%   | 0.515%  |
| 279                     | 20.008 | 19.964 | 20.042 | VV | 12888    | 583238  | 18.00%  | 2.835%  |
| 280                     | 20.116 | 20.042 | 20.162 | VV | 13828    | 902953  | 27.87%  | 4.389%  |
| 281                     | 20.223 | 20.162 | 20.232 | VV | 14747    | 569622  | 17.58%  | 2.769%  |
| 282                     | 20.456 | 20.232 | 20.548 | VV | 18593    | 3240277 | 100.00% | 15.751% |
| 283                     | 20.573 | 20.548 | 20.585 | VV | 14998    | 322326  | 9.95%   | 1.567%  |
| 284                     | 20.604 | 20.585 | 20.622 | VV | 14680    | 319257  | 9.85%   | 1.552%  |
| 285                     | 20.646 | 20.622 | 20.675 | VV | 14225    | 433565  | 13.38%  | 2.108%  |
| 286                     | 20.700 | 20.675 | 20.715 | VV | 14084    | 323997  | 10.00%  | 1.575%  |
| 287                     | 20.753 | 20.715 | 20.788 | VV | 14179    | 586685  | 18.11%  | 2.852%  |
| 288                     | 20.821 | 20.788 | 20.852 | VV | 11094    | 415248  | 12.82%  | 2.018%  |
| 289                     | 20.857 | 20.852 | 20.915 | VV | 10389    | 340928  | 10.52%  | 1.657%  |
| 290                     | 20.929 | 20.915 | 20.954 | VV | 7417     | 159474  | 4.92%   | 0.775%  |
| 291                     | 21.030 | 20.954 | 21.050 | VV | 7740     | 399775  | 12.34%  | 1.943%  |
| 292                     | 21.068 | 21.050 | 21.175 | VV | 7093     | 371381  | 11.46%  | 1.805%  |
| 293                     | 21.196 | 21.175 | 21.204 | VV | 2869     | 45902   | 1.42%   | 0.223%  |
| 294                     | 21.219 | 21.204 | 21.227 | VV | 2554     | 34429   | 1.06%   | 0.167%  |
| 295                     | 21.313 | 21.227 | 21.345 | VV | 2407     | 136170  | 4.20%   | 0.662%  |
| 296                     | 21.357 | 21.345 | 21.378 | VV | 514      | 6315    | 0.19%   | 0.031%  |
| Sum of corrected areas: |        |        |        |    | 20572256 |         |         |         |

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