

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC012819AL\  
 Data File : FC038843.D  
 Signal(s) : FID1A.CH  
 Acq On : 28 Jan 2019 16:02  
 Sample : K1015-13  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 010919.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         | 3.093       | 3.052        | 3.109      | BV       | 421            | 5515         | 0.02%          | 0.002%        |
| 2         | 3.121       | 3.109        | 3.192      | VV       | 370            | 9705         | 0.03%          | 0.003%        |
| 3         | 3.201       | 3.192        | 3.221      | VV       | 310            | 2586         | 0.01%          | 0.001%        |
| 4         | 3.227       | 3.221        | 3.244      | VV       | 203            | 1955         | 0.01%          | 0.001%        |
| 5         | 3.261       | 3.244        | 3.307      | VV       | 218            | 4374         | 0.01%          | 0.001%        |
| 6         | 3.316       | 3.307        | 3.330      | VV       | 152            | 1720         | 0.01%          | 0.001%        |
| 7         | 3.343       | 3.330        | 3.377      | VV       | 427            | 5920         | 0.02%          | 0.002%        |
| 8         | 3.410       | 3.377        | 3.438      | PV       | 187            | 4811         | 0.01%          | 0.001%        |
| 9         | 3.456       | 3.438        | 3.484      | VV       | 414            | 6402         | 0.02%          | 0.002%        |
| 10        | 3.523       | 3.484        | 3.556      | VV       | 334            | 8279         | 0.02%          | 0.002%        |
| 11        | 3.578       | 3.556        | 3.595      | PV       | 654            | 8522         | 0.03%          | 0.003%        |
| 12        | 3.607       | 3.595        | 3.640      | VV       | 437            | 6385         | 0.02%          | 0.002%        |
| 13        | 3.659       | 3.640        | 3.676      | VV       | 854            | 9412         | 0.03%          | 0.003%        |
| 14        | 3.682       | 3.676        | 3.706      | VV       | 442            | 4271         | 0.01%          | 0.001%        |
| 15        | 3.748       | 3.706        | 3.764      | VV       | 992            | 13553        | 0.04%          | 0.004%        |
| 16        | 3.774       | 3.764        | 3.789      | VV       | 763            | 7821         | 0.02%          | 0.002%        |
| 17        | 3.839       | 3.789        | 3.859      | VV       | 783            | 16033        | 0.05%          | 0.005%        |
| 18        | 3.913       | 3.879        | 3.968      | VV       | 2380           | 71012        | 0.21%          | 0.021%        |
| 19        | 3.976       | 3.968        | 4.023      | VV       | 841            | 15801        | 0.05%          | 0.005%        |
| 20        | 4.049       | 4.023        | 4.076      | VV       | 515            | 8381         | 0.02%          | 0.003%        |
| 21        | 4.092       | 4.076        | 4.117      | VV       | 888            | 12208        | 0.04%          | 0.004%        |
| 22        | 4.144       | 4.117        | 4.165      | VV       | 4666           | 49986        | 0.15%          | 0.015%        |
| 23        | 4.181       | 4.165        | 4.198      | VV       | 1655           | 19672        | 0.06%          | 0.006%        |
| 24        | 4.211       | 4.198        | 4.232      | VV       | 1070           | 12858        | 0.04%          | 0.004%        |
| 25        | 4.241       | 4.232        | 4.269      | VV       | 440            | 6157         | 0.02%          | 0.002%        |
| 26        | 4.297       | 4.269        | 4.319      | PV       | 1040           | 19995        | 0.06%          | 0.006%        |
| 27        | 4.329       | 4.319        | 4.357      | VV       | 862            | 15435        | 0.05%          | 0.005%        |
| 28        | 4.365       | 4.357        | 4.378      | VV       | 721            | 6454         | 0.02%          | 0.002%        |
| 29        | 4.394       | 4.378        | 4.407      | VV       | 2029           | 20304        | 0.06%          | 0.006%        |
| 30        | 4.414       | 4.407        | 4.429      | VV       | 1455           | 12731        | 0.04%          | 0.004%        |
| 31        | 4.445       | 4.429        | 4.454      | VV       | 1579           | 16057        | 0.05%          | 0.005%        |
| 32        | 4.465       | 4.454        | 4.482      | VV       | 1766           | 17448        | 0.05%          | 0.005%        |
| 33        | 4.518       | 4.482        | 4.544      | VV       | 2349           | 50703        | 0.15%          | 0.015%        |
| 34        | 4.557       | 4.544        | 4.573      | VV       | 2174           | 27302        | 0.08%          | 0.008%        |
| 35        | 4.594       | 4.573        | 4.634      | VV       | 6303           | 86041        | 0.26%          | 0.026%        |
| 36        | 4.662       | 4.634        | 4.681      | VV       | 2089           | 27033        | 0.08%          | 0.008%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.690 | 4.681 | 4.716 | VV | 909    | 9511   | 0.03% | 0.003% |
| 38 | 4.748 | 4.716 | 4.759 | PV | 2545   | 25784  | 0.08% | 0.008% |
| 39 | 4.776 | 4.759 | 4.801 | VV | 5869   | 79917  | 0.24% | 0.024% |
| 40 | 4.818 | 4.801 | 4.835 | VV | 5517   | 67382  | 0.20% | 0.020% |
| 41 | 4.849 | 4.835 | 4.863 | VV | 3157   | 42752  | 0.13% | 0.013% |
| 42 | 4.877 | 4.863 | 4.914 | VV | 4600   | 56130  | 0.17% | 0.017% |
| 43 | 4.921 | 4.914 | 4.945 | VV | 412    | 5097   | 0.02% | 0.002% |
| 44 | 4.966 | 4.945 | 4.979 | VV | 2523   | 29304  | 0.09% | 0.009% |
| 45 | 4.988 | 4.979 | 5.001 | VV | 2214   | 23794  | 0.07% | 0.007% |
| 46 | 5.024 | 5.001 | 5.041 | VV | 4272   | 69077  | 0.21% | 0.021% |
| 47 | 5.056 | 5.041 | 5.089 | VV | 4927   | 77690  | 0.23% | 0.023% |
| 48 | 5.115 | 5.089 | 5.129 | VV | 2907   | 43407  | 0.13% | 0.013% |
| 49 | 5.139 | 5.129 | 5.152 | VV | 1700   | 13405  | 0.04% | 0.004% |
| 50 | 5.173 | 5.152 | 5.267 | PV | 36166  | 514332 | 1.53% | 0.153% |
| 51 | 5.289 | 5.267 | 5.302 | VV | 1174   | 16064  | 0.05% | 0.005% |
| 52 | 5.336 | 5.302 | 5.346 | VV | 8194   | 88595  | 0.26% | 0.026% |
| 53 | 5.354 | 5.346 | 5.397 | VV | 6712   | 117753 | 0.35% | 0.035% |
| 54 | 5.415 | 5.397 | 5.427 | VV | 5326   | 56832  | 0.17% | 0.017% |
| 55 | 5.446 | 5.427 | 5.486 | VV | 13372  | 284540 | 0.85% | 0.085% |
| 56 | 5.534 | 5.486 | 5.562 | VV | 14705  | 295019 | 0.88% | 0.088% |
| 57 | 5.577 | 5.562 | 5.604 | VV | 5684   | 109309 | 0.33% | 0.033% |
| 58 | 5.619 | 5.604 | 5.635 | VV | 7616   | 88759  | 0.26% | 0.026% |
| 59 | 5.668 | 5.635 | 5.686 | VV | 7515   | 141764 | 0.42% | 0.042% |
| 60 | 5.722 | 5.686 | 5.754 | VV | 9360   | 277119 | 0.83% | 0.083% |
| 61 | 5.762 | 5.754 | 5.781 | VV | 8279   | 91125  | 0.27% | 0.027% |
| 62 | 5.807 | 5.781 | 5.823 | VV | 11235  | 151536 | 0.45% | 0.045% |
| 63 | 5.843 | 5.823 | 5.854 | VV | 10210  | 148472 | 0.44% | 0.044% |
| 64 | 5.869 | 5.854 | 5.905 | VV | 13370  | 253694 | 0.76% | 0.076% |
| 65 | 5.922 | 5.905 | 5.936 | VV | 8808   | 105043 | 0.31% | 0.031% |
| 66 | 5.944 | 5.936 | 5.952 | VV | 5430   | 50093  | 0.15% | 0.015% |
| 67 | 5.970 | 5.952 | 6.002 | VV | 9681   | 182246 | 0.54% | 0.054% |
| 68 | 6.024 | 6.002 | 6.047 | VV | 6108   | 134005 | 0.40% | 0.040% |
| 69 | 6.070 | 6.047 | 6.124 | VV | 15311  | 333226 | 0.99% | 0.099% |
| 70 | 6.146 | 6.124 | 6.197 | VV | 66906  | 815101 | 2.43% | 0.243% |
| 71 | 6.228 | 6.197 | 6.240 | VV | 5395   | 98158  | 0.29% | 0.029% |
| 72 | 6.258 | 6.240 | 6.272 | VV | 9328   | 127493 | 0.38% | 0.038% |
| 73 | 6.293 | 6.272 | 6.314 | VV | 25194  | 333967 | 1.00% | 0.100% |
| 74 | 6.336 | 6.314 | 6.351 | VV | 9071   | 149631 | 0.45% | 0.045% |
| 75 | 6.363 | 6.351 | 6.374 | VV | 7194   | 81940  | 0.24% | 0.024% |
| 76 | 6.386 | 6.374 | 6.399 | VV | 8160   | 99920  | 0.30% | 0.030% |
| 77 | 6.415 | 6.399 | 6.437 | VV | 17006  | 214834 | 0.64% | 0.064% |
| 78 | 6.455 | 6.437 | 6.466 | VV | 10847  | 136451 | 0.41% | 0.041% |
| 79 | 6.479 | 6.466 | 6.505 | VV | 11963  | 203069 | 0.61% | 0.061% |
| 80 | 6.529 | 6.505 | 6.589 | VV | 40118  | 665384 | 1.98% | 0.198% |
| 81 | 6.608 | 6.589 | 6.626 | VV | 10111  | 158610 | 0.47% | 0.047% |
| 82 | 6.648 | 6.626 | 6.673 | VV | 17573  | 349994 | 1.04% | 0.104% |
| 83 | 6.696 | 6.673 | 6.723 | VV | 19794  | 342774 | 1.02% | 0.102% |
| 84 | 6.752 | 6.723 | 6.784 | VV | 32231  | 604044 | 1.80% | 0.180% |
| 85 | 6.800 | 6.784 | 6.816 | VV | 18892  | 214684 | 0.64% | 0.064% |
| 86 | 6.841 | 6.816 | 6.870 | VV | 24887  | 420028 | 1.25% | 0.125% |
| 87 | 6.894 | 6.870 | 6.916 | VV | 17626  | 298241 | 0.89% | 0.089% |
| 88 | 6.935 | 6.916 | 6.950 | VV | 11210  | 155409 | 0.46% | 0.046% |
| 89 | 6.961 | 6.950 | 6.972 | VV | 7399   | 87303  | 0.26% | 0.026% |

|     |       |       |       |    |        |         |       |        |
|-----|-------|-------|-------|----|--------|---------|-------|--------|
|     |       |       |       |    | rteres |         |       |        |
| 90  | 6.986 | 6.972 | 7.009 | VV | 7974   | 160893  | 0.48% | 0.048% |
| 91  | 7.030 | 7.009 | 7.043 | VV | 33427  | 410445  | 1.22% | 0.122% |
| 92  | 7.061 | 7.043 | 7.099 | VV | 100921 | 1281792 | 3.82% | 0.382% |
| 93  | 7.108 | 7.099 | 7.169 | VV | 11831  | 387864  | 1.16% | 0.116% |
| 94  | 7.181 | 7.169 | 7.193 | VV | 7474   | 96544   | 0.29% | 0.029% |
| 95  | 7.229 | 7.193 | 7.259 | VV | 26229  | 595253  | 1.77% | 0.178% |
| 96  | 7.276 | 7.259 | 7.301 | VV | 12830  | 210761  | 0.63% | 0.063% |
| 97  | 7.318 | 7.301 | 7.335 | VV | 10270  | 148975  | 0.44% | 0.044% |
| 98  | 7.417 | 7.404 | 7.457 | VV | 22363  | 455308  | 1.36% | 0.136% |
| 99  | 7.479 | 7.457 | 7.496 | VV | 18794  | 333975  | 1.00% | 0.100% |
| 100 | 7.514 | 7.496 | 7.529 | VV | 23367  | 322886  | 0.96% | 0.096% |
| 101 | 7.539 | 7.529 | 7.556 | VV | 15065  | 205648  | 0.61% | 0.061% |
| 102 | 7.577 | 7.556 | 7.596 | VV | 19144  | 314519  | 0.94% | 0.094% |
| 103 | 7.623 | 7.596 | 7.636 | VV | 24694  | 382939  | 1.14% | 0.114% |
| 104 | 7.647 | 7.636 | 7.659 | VV | 23148  | 271863  | 0.81% | 0.081% |
| 105 | 7.675 | 7.659 | 7.699 | VV | 27404  | 401065  | 1.20% | 0.120% |
| 106 | 7.746 | 7.699 | 7.773 | VV | 32843  | 653787  | 1.95% | 0.195% |
| 107 | 7.786 | 7.773 | 7.807 | VV | 10751  | 176151  | 0.52% | 0.053% |
| 108 | 7.835 | 7.807 | 7.853 | VV | 23363  | 423953  | 1.26% | 0.126% |
| 109 | 7.887 | 7.853 | 7.906 | VV | 21892  | 599586  | 1.79% | 0.179% |
| 110 | 7.926 | 7.906 | 7.959 | VV | 117555 | 1484561 | 4.42% | 0.443% |
| 111 | 7.985 | 7.959 | 8.000 | VV | 20425  | 413215  | 1.23% | 0.123% |
| 112 | 8.018 | 8.000 | 8.054 | VV | 25161  | 539970  | 1.61% | 0.161% |
| 113 | 8.071 | 8.054 | 8.085 | VV | 16103  | 255799  | 0.76% | 0.076% |
| 114 | 8.097 | 8.085 | 8.111 | VV | 15826  | 208263  | 0.62% | 0.062% |
| 115 | 8.131 | 8.111 | 8.181 | VV | 21035  | 533852  | 1.59% | 0.159% |
| 116 | 8.272 | 8.258 | 8.297 | VV | 23710  | 480404  | 1.43% | 0.143% |
| 117 | 8.309 | 8.297 | 8.321 | VV | 22514  | 279678  | 0.83% | 0.083% |
| 118 | 8.341 | 8.321 | 8.357 | VV | 24738  | 451667  | 1.35% | 0.135% |
| 119 | 8.370 | 8.357 | 8.398 | VV | 23454  | 445210  | 1.33% | 0.133% |
| 120 | 8.415 | 8.398 | 8.436 | VV | 22030  | 374188  | 1.12% | 0.112% |
| 121 | 8.457 | 8.436 | 8.479 | VV | 45008  | 634533  | 1.89% | 0.189% |
| 122 | 8.510 | 8.479 | 8.536 | VV | 20911  | 467584  | 1.39% | 0.139% |
| 123 | 8.553 | 8.536 | 8.567 | VV | 13280  | 219602  | 0.65% | 0.066% |
| 124 | 8.595 | 8.567 | 8.613 | VV | 14981  | 358984  | 1.07% | 0.107% |
| 125 | 8.624 | 8.613 | 8.640 | VV | 12516  | 184183  | 0.55% | 0.055% |
| 126 | 8.676 | 8.640 | 8.694 | VV | 15325  | 407339  | 1.21% | 0.122% |
| 127 | 8.742 | 8.694 | 8.793 | VV | 122026 | 1950311 | 5.81% | 0.582% |
| 128 | 8.822 | 8.793 | 8.843 | VV | 17292  | 368078  | 1.10% | 0.110% |
| 129 | 8.871 | 8.843 | 8.892 | VV | 16806  | 357507  | 1.07% | 0.107% |
| 130 | 8.931 | 8.892 | 8.943 | VV | 13076  | 343907  | 1.02% | 0.103% |
| 131 | 8.956 | 8.943 | 8.971 | VV | 13324  | 201470  | 0.60% | 0.060% |
| 132 | 8.978 | 8.971 | 8.990 | VV | 11356  | 121947  | 0.36% | 0.036% |
| 133 | 9.010 | 8.990 | 9.040 | VV | 15842  | 370134  | 1.10% | 0.110% |
| 134 | 9.057 | 9.040 | 9.072 | VV | 11556  | 208316  | 0.62% | 0.062% |
| 135 | 9.106 | 9.072 | 9.144 | VV | 32184  | 898941  | 2.68% | 0.268% |
| 136 | 9.163 | 9.144 | 9.181 | VV | 20282  | 365078  | 1.09% | 0.109% |
| 137 | 9.197 | 9.181 | 9.219 | VV | 22281  | 376445  | 1.12% | 0.112% |
| 138 | 9.241 | 9.219 | 9.259 | VV | 25940  | 405727  | 1.21% | 0.121% |
| 139 | 9.293 | 9.259 | 9.322 | VV | 20858  | 553458  | 1.65% | 0.165% |
| 140 | 9.331 | 9.322 | 9.342 | VV | 8725   | 101481  | 0.30% | 0.030% |
| 141 | 9.358 | 9.342 | 9.377 | VV | 10308  | 190680  | 0.57% | 0.057% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 9.387  | 9.377  | 9.401  | VV | 8555   | 111497  | 0.33%  | 0.033% |
| 143    | 9.423  | 9.401  | 9.437  | VV | 12875  | 248033  | 0.74%  | 0.074% |
| 144    | 9.464  | 9.437  | 9.487  | VV | 20032  | 456394  | 1.36%  | 0.136% |
| 145    | 9.513  | 9.487  | 9.549  | VV | 120415 | 1594529 | 4.75%  | 0.476% |
| 146    | 9.587  | 9.549  | 9.606  | VV | 13773  | 374857  | 1.12%  | 0.112% |
| 147    | 9.615  | 9.606  | 9.649  | VV | 10364  | 214264  | 0.64%  | 0.064% |
| 148    | 9.669  | 9.649  | 9.703  | VV | 11177  | 263266  | 0.78%  | 0.079% |
| 149    | 9.746  | 9.703  | 9.763  | VV | 8479   | 258417  | 0.77%  | 0.077% |
| 150    | 9.792  | 9.763  | 9.816  | VV | 7965   | 224660  | 0.67%  | 0.067% |
| 151    | 9.858  | 9.816  | 9.867  | VV | 15962  | 336740  | 1.00%  | 0.100% |
| 152    | 9.897  | 9.867  | 9.926  | VV | 36069  | 833685  | 2.48%  | 0.249% |
| 153    | 9.948  | 9.926  | 9.974  | VV | 19314  | 436696  | 1.30%  | 0.130% |
| 154    | 9.989  | 9.974  | 10.019 | VV | 20824  | 422011  | 1.26%  | 0.126% |
| 155    | 10.039 | 10.019 | 10.061 | VV | 20951  | 329585  | 0.98%  | 0.098% |
| 156    | 10.079 | 10.061 | 10.114 | VV | 11430  | 276932  | 0.83%  | 0.083% |
| 157    | 10.132 | 10.114 | 10.155 | VV | 10863  | 216155  | 0.64%  | 0.064% |
| 158    | 10.174 | 10.155 | 10.194 | VV | 11515  | 222734  | 0.66%  | 0.066% |
| 159    | 10.247 | 10.194 | 10.274 | VV | 113697 | 1619186 | 4.83%  | 0.483% |
| 160    | 10.318 | 10.274 | 10.401 | VV | 40640  | 1238163 | 3.69%  | 0.369% |
| 161    | 10.424 | 10.401 | 10.447 | VV | 8469   | 196196  | 0.58%  | 0.059% |
| 162    | 10.474 | 10.447 | 10.531 | VV | 94675  | 1465473 | 4.37%  | 0.437% |
| 163    | 10.558 | 10.531 | 10.602 | VV | 32417  | 765085  | 2.28%  | 0.228% |
| 164    | 10.627 | 10.602 | 10.649 | VV | 18260  | 402027  | 1.20%  | 0.120% |
| 165    | 10.657 | 10.649 | 10.675 | VV | 13020  | 153787  | 0.46%  | 0.046% |
| 166    | 10.698 | 10.675 | 10.732 | VV | 14625  | 312167  | 0.93%  | 0.093% |
| 167    | 10.749 | 10.732 | 10.771 | VV | 11873  | 179995  | 0.54%  | 0.054% |
| 168    | 10.796 | 10.771 | 10.814 | VV | 8848   | 185226  | 0.55%  | 0.055% |
| 169    | 10.850 | 10.814 | 10.858 | VV | 6875   | 171943  | 0.51%  | 0.051% |
| 170    | 10.881 | 10.858 | 10.914 | VV | 8544   | 227875  | 0.68%  | 0.068% |
| 171    | 10.946 | 10.914 | 10.980 | VV | 95626  | 1242872 | 3.70%  | 0.371% |
| 172    | 11.035 | 10.980 | 11.067 | VV | 30696  | 728125  | 2.17%  | 0.217% |
| 173    | 11.077 | 11.067 | 11.112 | VV | 5537   | 130315  | 0.39%  | 0.039% |
| 174    | 11.134 | 11.112 | 11.179 | VV | 9084   | 212901  | 0.63%  | 0.064% |
| 175    | 11.242 | 11.179 | 11.266 | VV | 311312 | 3759189 | 11.20% | 1.121% |
| 176    | 11.274 | 11.266 | 11.289 | VV | 23737  | 269638  | 0.80%  | 0.080% |
| 177    | 11.307 | 11.289 | 11.357 | VV | 27148  | 625568  | 1.86%  | 0.187% |
| 178    | 11.382 | 11.357 | 11.404 | VV | 35351  | 544044  | 1.62%  | 0.162% |
| 179    | 11.422 | 11.404 | 11.439 | VV | 24381  | 342895  | 1.02%  | 0.102% |
| 180    | 11.454 | 11.439 | 11.479 | VV | 19117  | 312178  | 0.93%  | 0.093% |
| 181    | 11.499 | 11.479 | 11.548 | VV | 28125  | 476699  | 1.42%  | 0.142% |
| 182    | 11.612 | 11.548 | 11.635 | VV | 78156  | 1150935 | 3.43%  | 0.343% |
| 183    | 11.668 | 11.635 | 11.724 | VV | 714745 | 8613491 | 25.67% | 2.569% |
| 184    | 11.750 | 11.724 | 11.785 | VV | 8680   | 205562  | 0.61%  | 0.061% |
| 185    | 11.806 | 11.785 | 11.857 | VV | 6941   | 157251  | 0.47%  | 0.047% |
| 186    | 11.885 | 11.857 | 11.907 | PV | 8581   | 154263  | 0.46%  | 0.046% |
| 187    | 11.918 | 11.907 | 11.931 | VV | 5395   | 64989   | 0.19%  | 0.019% |
| 188    | 11.949 | 11.931 | 11.971 | VV | 7301   | 118998  | 0.35%  | 0.035% |
| 189    | 11.991 | 11.971 | 12.001 | VV | 7920   | 104341  | 0.31%  | 0.031% |
| 190    | 12.019 | 12.001 | 12.046 | VV | 10790  | 177333  | 0.53%  | 0.053% |
| 191    | 12.067 | 12.046 | 12.104 | VV | 12238  | 239842  | 0.71%  | 0.072% |
| 192    | 12.127 | 12.104 | 12.149 | VV | 12273  | 210571  | 0.63%  | 0.063% |
| 193    | 12.169 | 12.149 | 12.190 | VV | 22570  | 326796  | 0.97%  | 0.097% |
| 194    | 12.205 | 12.190 | 12.219 | VV | 9550   | 132842  | 0.40%  | 0.040% |

|     |        |        |        |    |         |          |         |         |
|-----|--------|--------|--------|----|---------|----------|---------|---------|
|     |        |        |        |    | rteres  |          |         |         |
| 195 | 12.246 | 12.219 | 12.261 | VV | 68620   | 871289   | 2.60%   | 0.260%  |
| 196 | 12.279 | 12.261 | 12.350 | VV | 147524  | 2079654  | 6.20%   | 0.620%  |
| 197 | 12.385 | 12.350 | 12.401 | VV | 3755    | 65891    | 0.20%   | 0.020%  |
| 198 | 12.423 | 12.401 | 12.436 | VV | 3330    | 54375    | 0.16%   | 0.016%  |
| 199 | 12.470 | 12.436 | 12.485 | VV | 7277    | 125581   | 0.37%   | 0.037%  |
| 200 | 12.502 | 12.485 | 12.513 | VV | 6722    | 88670    | 0.26%   | 0.026%  |
| 201 | 12.572 | 12.513 | 12.619 | VV | 133635  | 1971238  | 5.87%   | 0.588%  |
| 202 | 12.691 | 12.619 | 12.718 | VV | 1890088 | 32960157 | 98.23%  | 9.832%  |
| 203 | 12.751 | 12.718 | 12.821 | VV | 2160541 | 33555173 | 100.00% | 10.009% |
| 204 | 12.858 | 12.821 | 12.885 | VV | 56895   | 856235   | 2.55%   | 0.255%  |
| 205 | 12.913 | 12.885 | 12.958 | VV | 305737  | 3777066  | 11.26%  | 1.127%  |
| 206 | 12.970 | 12.958 | 12.986 | VV | 16299   | 250109   | 0.75%   | 0.075%  |
| 207 | 12.997 | 12.986 | 13.026 | VV | 13918   | 233920   | 0.70%   | 0.070%  |
| 208 | 13.047 | 13.026 | 13.131 | VV | 12568   | 491607   | 1.47%   | 0.147%  |
| 209 | 13.202 | 13.131 | 13.229 | VV | 61947   | 1410581  | 4.20%   | 0.421%  |
| 210 | 13.244 | 13.229 | 13.264 | VV | 9980    | 171292   | 0.51%   | 0.051%  |
| 211 | 13.282 | 13.264 | 13.297 | VV | 21858   | 287715   | 0.86%   | 0.086%  |
| 212 | 13.316 | 13.297 | 13.341 | VV | 21495   | 391177   | 1.17%   | 0.117%  |
| 213 | 13.350 | 13.341 | 13.376 | VV | 10919   | 138359   | 0.41%   | 0.041%  |
| 214 | 13.401 | 13.376 | 13.415 | VV | 11708   | 161713   | 0.48%   | 0.048%  |
| 215 | 13.439 | 13.415 | 13.466 | VV | 52861   | 732168   | 2.18%   | 0.218%  |
| 216 | 13.485 | 13.466 | 13.512 | VV | 22445   | 332416   | 0.99%   | 0.099%  |
| 217 | 13.542 | 13.512 | 13.592 | VV | 9837    | 249382   | 0.74%   | 0.074%  |
| 218 | 13.639 | 13.592 | 13.651 | PV | 4977    | 88085    | 0.26%   | 0.026%  |
| 219 | 13.692 | 13.651 | 13.711 | VV | 49365   | 729248   | 2.17%   | 0.218%  |
| 220 | 13.731 | 13.711 | 13.761 | VV | 21227   | 456155   | 1.36%   | 0.136%  |
| 221 | 13.778 | 13.761 | 13.795 | VV | 13137   | 221287   | 0.66%   | 0.066%  |
| 222 | 13.811 | 13.795 | 13.821 | VV | 12166   | 163614   | 0.49%   | 0.049%  |
| 223 | 13.839 | 13.821 | 13.857 | VV | 20204   | 328328   | 0.98%   | 0.098%  |
| 224 | 13.886 | 13.857 | 13.945 | VV | 57286   | 1332896  | 3.97%   | 0.398%  |
| 225 | 13.996 | 13.945 | 14.029 | VV | 48855   | 936239   | 2.79%   | 0.279%  |
| 226 | 14.053 | 14.029 | 14.098 | VV | 57533   | 1027306  | 3.06%   | 0.306%  |
| 227 | 14.134 | 14.098 | 14.157 | VV | 20286   | 505872   | 1.51%   | 0.151%  |
| 228 | 14.164 | 14.157 | 14.182 | VV | 9980    | 118143   | 0.35%   | 0.035%  |
| 229 | 14.205 | 14.182 | 14.242 | VV | 11075   | 282759   | 0.84%   | 0.084%  |
| 230 | 14.255 | 14.242 | 14.311 | VV | 7759    | 170543   | 0.51%   | 0.051%  |
| 231 | 14.333 | 14.311 | 14.361 | VV | 5796    | 87802    | 0.26%   | 0.026%  |
| 232 | 14.447 | 14.361 | 14.467 | PV | 65502   | 938361   | 2.80%   | 0.280%  |
| 233 | 14.487 | 14.467 | 14.511 | VV | 66917   | 997365   | 2.97%   | 0.298%  |
| 234 | 14.533 | 14.511 | 14.564 | VV | 40139   | 648298   | 1.93%   | 0.193%  |
| 235 | 14.604 | 14.564 | 14.622 | VV | 12566   | 205056   | 0.61%   | 0.061%  |
| 236 | 14.642 | 14.622 | 14.709 | VV | 7989    | 235112   | 0.70%   | 0.070%  |
| 237 | 14.729 | 14.709 | 14.745 | VV | 6846    | 103524   | 0.31%   | 0.031%  |
| 238 | 14.756 | 14.745 | 14.784 | VV | 5845    | 117327   | 0.35%   | 0.035%  |
| 239 | 14.795 | 14.784 | 14.831 | VV | 5158    | 111012   | 0.33%   | 0.033%  |
| 240 | 14.838 | 14.831 | 14.859 | VV | 3396    | 35585    | 0.11%   | 0.011%  |
| 241 | 14.880 | 14.859 | 14.892 | VV | 10303   | 144899   | 0.43%   | 0.043%  |
| 242 | 14.912 | 14.892 | 14.940 | VV | 14966   | 281362   | 0.84%   | 0.084%  |
| 243 | 14.955 | 14.940 | 14.984 | VV | 5417    | 88493    | 0.26%   | 0.026%  |
| 244 | 15.051 | 14.984 | 15.084 | PV | 22721   | 374949   | 1.12%   | 0.112%  |
| 245 | 15.114 | 15.084 | 15.144 | VV | 44987   | 726420   | 2.16%   | 0.217%  |
| 246 | 15.159 | 15.144 | 15.192 | VV | 10666   | 166591   | 0.50%   | 0.050%  |

|     |        |        |        |    | rteres |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
| 247 | 15.227 | 15.192 | 15.237 | VV | 6057   | 101970  | 0.30% | 0.030% |
| 248 | 15.282 | 15.237 | 15.333 | VV | 11149  | 375309  | 1.12% | 0.112% |
| 249 | 15.371 | 15.333 | 15.391 | VV | 5208   | 124920  | 0.37% | 0.037% |
| 250 | 15.442 | 15.391 | 15.489 | VV | 5844   | 225399  | 0.67% | 0.067% |
|     |        |        |        |    |        |         |       |        |
| 251 | 15.548 | 15.489 | 15.591 | VV | 35005  | 696410  | 2.08% | 0.208% |
| 252 | 15.620 | 15.591 | 15.639 | VV | 5269   | 130904  | 0.39% | 0.039% |
| 253 | 15.649 | 15.639 | 15.668 | VV | 4395   | 57903   | 0.17% | 0.017% |
| 254 | 15.714 | 15.668 | 15.733 | VV | 27471  | 509403  | 1.52% | 0.152% |
| 255 | 15.753 | 15.733 | 15.794 | VV | 30945  | 702361  | 2.09% | 0.210% |
|     |        |        |        |    |        |         |       |        |
| 256 | 15.801 | 15.794 | 15.849 | VV | 14087  | 357222  | 1.06% | 0.107% |
| 257 | 15.869 | 15.849 | 15.893 | VV | 10641  | 257394  | 0.77% | 0.077% |
| 258 | 15.915 | 15.893 | 15.942 | VV | 16336  | 345263  | 1.03% | 0.103% |
| 259 | 16.000 | 15.942 | 16.017 | VV | 70430  | 1204431 | 3.59% | 0.359% |
| 260 | 16.031 | 16.017 | 16.065 | VV | 52449  | 866932  | 2.58% | 0.259% |
|     |        |        |        |    |        |         |       |        |
| 261 | 16.092 | 16.065 | 16.112 | VV | 24819  | 477949  | 1.42% | 0.143% |
| 262 | 16.134 | 16.112 | 16.185 | VV | 21892  | 690342  | 2.06% | 0.206% |
| 263 | 16.207 | 16.185 | 16.232 | VV | 15327  | 368669  | 1.10% | 0.110% |
| 264 | 16.288 | 16.232 | 16.297 | VV | 21375  | 592239  | 1.76% | 0.177% |
| 265 | 16.331 | 16.297 | 16.352 | VV | 65133  | 1393433 | 4.15% | 0.416% |
|     |        |        |        |    |        |         |       |        |
| 266 | 16.375 | 16.352 | 16.454 | VV | 115311 | 2516623 | 7.50% | 0.751% |
| 267 | 16.493 | 16.454 | 16.514 | VV | 51151  | 1121871 | 3.34% | 0.335% |
| 268 | 16.526 | 16.514 | 16.556 | VV | 26254  | 573643  | 1.71% | 0.171% |
| 269 | 16.575 | 16.556 | 16.609 | VV | 22746  | 637088  | 1.90% | 0.190% |
| 270 | 16.636 | 16.609 | 16.672 | VV | 23787  | 816326  | 2.43% | 0.244% |
|     |        |        |        |    |        |         |       |        |
| 271 | 16.692 | 16.672 | 16.710 | VV | 24169  | 497503  | 1.48% | 0.148% |
| 272 | 16.775 | 16.710 | 16.819 | VV | 33594  | 1606401 | 4.79% | 0.479% |
| 273 | 16.864 | 16.819 | 16.891 | VV | 30697  | 1067242 | 3.18% | 0.318% |
| 274 | 16.945 | 16.891 | 16.971 | VV | 53208  | 1475429 | 4.40% | 0.440% |
| 275 | 17.007 | 16.971 | 17.017 | VV | 28167  | 740681  | 2.21% | 0.221% |
|     |        |        |        |    |        |         |       |        |
| 276 | 17.031 | 17.017 | 17.056 | VV | 28654  | 629060  | 1.87% | 0.188% |
| 277 | 17.090 | 17.056 | 17.138 | VV | 33773  | 1348597 | 4.02% | 0.402% |
| 278 | 17.174 | 17.138 | 17.212 | VV | 27106  | 1125176 | 3.35% | 0.336% |
| 279 | 17.265 | 17.212 | 17.290 | VV | 31941  | 1289204 | 3.84% | 0.385% |
| 280 | 17.346 | 17.290 | 17.358 | VV | 34766  | 1274774 | 3.80% | 0.380% |
|     |        |        |        |    |        |         |       |        |
| 281 | 17.379 | 17.358 | 17.406 | VV | 60866  | 1212126 | 3.61% | 0.362% |
| 282 | 17.418 | 17.406 | 17.431 | VV | 28466  | 418303  | 1.25% | 0.125% |
| 283 | 17.478 | 17.431 | 17.500 | VV | 58360  | 1634094 | 4.87% | 0.487% |
| 284 | 17.510 | 17.500 | 17.537 | VV | 42602  | 872523  | 2.60% | 0.260% |
| 285 | 17.552 | 17.537 | 17.572 | VV | 35139  | 702674  | 2.09% | 0.210% |
|     |        |        |        |    |        |         |       |        |
| 286 | 17.588 | 17.572 | 17.619 | VV | 36420  | 907470  | 2.70% | 0.271% |
| 287 | 17.664 | 17.619 | 17.683 | VV | 45239  | 1430258 | 4.26% | 0.427% |
| 288 | 17.691 | 17.683 | 17.712 | VV | 39436  | 665340  | 1.98% | 0.198% |
| 289 | 17.755 | 17.712 | 17.781 | VV | 59314  | 1833050 | 5.46% | 0.547% |
| 290 | 17.800 | 17.781 | 17.824 | VV | 74866  | 1459082 | 4.35% | 0.435% |
|     |        |        |        |    |        |         |       |        |
| 291 | 17.844 | 17.824 | 17.866 | VV | 60832  | 1218480 | 3.63% | 0.363% |
| 292 | 17.886 | 17.866 | 17.897 | VV | 44045  | 792802  | 2.36% | 0.236% |
| 293 | 17.923 | 17.897 | 17.979 | VV | 47248  | 2074851 | 6.18% | 0.619% |
| 294 | 18.001 | 17.979 | 18.039 | VV | 63106  | 1737774 | 5.18% | 0.518% |
| 295 | 18.058 | 18.039 | 18.069 | VV | 42553  | 739541  | 2.20% | 0.221% |
|     |        |        |        |    |        |         |       |        |
| 296 | 18.082 | 18.069 | 18.099 | VV | 43868  | 747423  | 2.23% | 0.223% |
| 297 | 18.155 | 18.099 | 18.182 | VV | 48115  | 2149462 | 6.41% | 0.641% |
| 298 | 18.208 | 18.182 | 18.244 | VV | 71835  | 1976750 | 5.89% | 0.590% |
| 299 | 18.268 | 18.244 | 18.296 | VV | 57906  | 1532515 | 4.57% | 0.457% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 18.318 | 18.296 | 18.371 | VV | 60725  | 2331159 | 6.95%  | 0.695% |
| 301 | 18.395 | 18.371 | 18.401 | VV | 48044  | 838579  | 2.50%  | 0.250% |
| 302 | 18.413 | 18.401 | 18.422 | VV | 47835  | 608084  | 1.81%  | 0.181% |
| 303 | 18.445 | 18.422 | 18.495 | VV | 56727  | 2161957 | 6.44%  | 0.645% |
| 304 | 18.521 | 18.495 | 18.566 | VV | 52608  | 2065210 | 6.15%  | 0.616% |
| 305 | 18.603 | 18.566 | 18.642 | VV | 84577  | 2826494 | 8.42%  | 0.843% |
| 306 | 18.663 | 18.642 | 18.692 | VV | 55394  | 1556402 | 4.64%  | 0.464% |
| 307 | 18.706 | 18.692 | 18.742 | VV | 55479  | 1625785 | 4.85%  | 0.485% |
| 308 | 18.788 | 18.742 | 18.839 | VV | 56636  | 3110050 | 9.27%  | 0.928% |
| 309 | 18.858 | 18.839 | 18.873 | VV | 57595  | 1105297 | 3.29%  | 0.330% |
| 310 | 18.888 | 18.873 | 18.909 | VV | 56476  | 1160954 | 3.46%  | 0.346% |
| 311 | 18.919 | 18.909 | 18.929 | VV | 54609  | 651714  | 1.94%  | 0.194% |
| 312 | 18.950 | 18.929 | 18.958 | VV | 56425  | 920748  | 2.74%  | 0.275% |
| 313 | 18.988 | 18.958 | 19.012 | VV | 88452  | 2317688 | 6.91%  | 0.691% |
| 314 | 19.022 | 19.012 | 19.051 | VV | 62315  | 1333087 | 3.97%  | 0.398% |
| 315 | 19.065 | 19.051 | 19.094 | VV | 62424  | 1541277 | 4.59%  | 0.460% |
| 316 | 19.106 | 19.094 | 19.142 | VV | 60568  | 1705723 | 5.08%  | 0.509% |
| 317 | 19.168 | 19.142 | 19.202 | VV | 72874  | 2322384 | 6.92%  | 0.693% |
| 318 | 19.240 | 19.202 | 19.270 | VV | 71025  | 2666289 | 7.95%  | 0.795% |
| 319 | 19.289 | 19.270 | 19.339 | VV | 70949  | 2741783 | 8.17%  | 0.818% |
| 320 | 19.364 | 19.339 | 19.444 | VV | 95713  | 4623092 | 13.78% | 1.379% |
| 321 | 19.479 | 19.444 | 19.505 | VV | 79895  | 2537377 | 7.56%  | 0.757% |
| 322 | 19.513 | 19.505 | 19.525 | VV | 69865  | 804651  | 2.40%  | 0.240% |
| 323 | 19.545 | 19.525 | 19.563 | VV | 76101  | 1690352 | 5.04%  | 0.504% |
| 324 | 19.589 | 19.563 | 19.609 | VV | 80801  | 2125235 | 6.33%  | 0.634% |
| 325 | 19.629 | 19.609 | 19.650 | VV | 79650  | 1835655 | 5.47%  | 0.548% |
| 326 | 19.659 | 19.650 | 19.669 | VV | 77542  | 863560  | 2.57%  | 0.258% |
| 327 | 19.684 | 19.669 | 19.695 | VV | 78830  | 1178619 | 3.51%  | 0.352% |
| 328 | 19.728 | 19.695 | 19.772 | VV | 95917  | 3893214 | 11.60% | 1.161% |
| 329 | 19.785 | 19.772 | 19.805 | VV | 80937  | 1500533 | 4.47%  | 0.448% |
| 330 | 19.826 | 19.805 | 19.851 | VV | 83536  | 2167932 | 6.46%  | 0.647% |
| 331 | 19.902 | 19.851 | 19.930 | VV | 84533  | 3759322 | 11.20% | 1.121% |
| 332 | 19.970 | 19.930 | 19.999 | VV | 82238  | 3293459 | 9.82%  | 0.982% |
| 333 | 20.019 | 19.999 | 20.030 | VV | 81587  | 1504888 | 4.48%  | 0.449% |
| 334 | 20.080 | 20.030 | 20.116 | VV | 103827 | 4469881 | 13.32% | 1.333% |
| 335 | 20.136 | 20.116 | 20.154 | VV | 84685  | 1878433 | 5.60%  | 0.560% |
| 336 | 20.171 | 20.154 | 20.179 | VV | 87200  | 1261712 | 3.76%  | 0.376% |
| 337 | 20.193 | 20.179 | 20.216 | VV | 91693  | 1923116 | 5.73%  | 0.574% |
| 338 | 20.248 | 20.216 | 20.257 | VV | 88705  | 2116174 | 6.31%  | 0.631% |
| 339 | 20.275 | 20.257 | 20.299 | VV | 91498  | 2266982 | 6.76%  | 0.676% |
| 340 | 20.309 | 20.299 | 20.329 | VV | 89077  | 1568634 | 4.67%  | 0.468% |
| 341 | 20.354 | 20.329 | 20.362 | VV | 89028  | 1735463 | 5.17%  | 0.518% |
| 342 | 20.428 | 20.362 | 20.457 | VV | 104998 | 5260222 | 15.68% | 1.569% |
| 343 | 20.471 | 20.457 | 20.511 | VV | 87461  | 2726018 | 8.12%  | 0.813% |
| 344 | 20.523 | 20.511 | 20.539 | VV | 86007  | 1435694 | 4.28%  | 0.428% |
| 345 | 20.551 | 20.539 | 20.591 | VV | 85834  | 2479199 | 7.39%  | 0.740% |
| 346 | 20.612 | 20.591 | 20.637 | VV | 81076  | 2166764 | 6.46%  | 0.646% |
| 347 | 20.646 | 20.637 | 20.661 | VV | 77435  | 1056163 | 3.15%  | 0.315% |
| 348 | 20.668 | 20.661 | 20.684 | VV | 76928  | 1044920 | 3.11%  | 0.312% |
| 349 | 20.708 | 20.684 | 20.744 | VV | 80812  | 2757615 | 8.22%  | 0.823% |
| 350 | 20.756 | 20.744 | 20.771 | VV | 76672  | 1205475 | 3.59%  | 0.360% |
| 351 | 20.794 | 20.771 | 20.853 | VV | 85017  | 3757287 | 11.20% | 1.121% |

|     |        |        |        |     |       |         |       |        |
|-----|--------|--------|--------|-----|-------|---------|-------|--------|
|     |        |        |        |     |       | rteres  |       |        |
| 352 | 20.891 | 20.853 | 20.920 | VV  | 73308 | 2738705 | 8.16% | 0.817% |
| 353 | 20.932 | 20.920 | 20.949 | VV  | 68038 | 1127743 | 3.36% | 0.336% |
| 354 | 20.959 | 20.949 | 20.986 | VV  | 67480 | 1442593 | 4.30% | 0.430% |
| 355 | 20.993 | 20.986 | 21.026 | VV  | 66341 | 1533421 | 4.57% | 0.457% |
| 356 | 21.050 | 21.026 | 21.086 | VV  | 67304 | 2350314 | 7.00% | 0.701% |
| 357 | 21.096 | 21.086 | 21.146 | VV  | 69642 | 2313690 | 6.90% | 0.690% |
| 358 | 21.165 | 21.146 | 21.184 | VV  | 63433 | 1392545 | 4.15% | 0.415% |
| 359 | 21.216 | 21.184 | 21.252 | VV  | 66147 | 2497939 | 7.44% | 0.745% |
| 360 | 21.261 | 21.252 | 21.301 | VBA | 56532 | 1604093 | 4.78% | 0.478% |

Sum of corrected areas: 335238936

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