

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC081420AL\  
 Data File : FC049020.D  
 Signal(s) : FID1A.CH  
 Acq On : 14 Aug 2020 16:11  
 Sample : L3501-04  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 080720.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         | 3.407       | 3.366        | 3.426      | BV       | 177            | 1133         | 0.00%          | 0.000%        |
| 2         | 3.431       | 3.426        | 3.473      | VV       | 94             | 1250         | 0.00%          | 0.000%        |
| 3         | 3.497       | 3.473        | 3.523      | PV       | 103            | 2010         | 0.00%          | 0.000%        |
| 4         | 3.537       | 3.523        | 3.579      | VV       | 127            | 3081         | 0.01%          | 0.001%        |
| 5         | 3.615       | 3.579        | 3.627      | VV       | 165            | 2798         | 0.00%          | 0.001%        |
| 6         | 3.634       | 3.627        | 3.654      | VV       | 92             | 1287         | 0.00%          | 0.000%        |
| 7         | 3.682       | 3.654        | 3.717      | VV       | 230            | 4598         | 0.01%          | 0.001%        |
| 8         | 3.739       | 3.717        | 3.764      | VV       | 482            | 6842         | 0.01%          | 0.001%        |
| 9         | 3.796       | 3.764        | 3.816      | VV       | 803            | 9688         | 0.02%          | 0.002%        |
| 10        | 3.823       | 3.816        | 3.869      | VV       | 193            | 4607         | 0.01%          | 0.001%        |
| 11        | 3.895       | 3.869        | 3.943      | VV       | 431            | 10173        | 0.02%          | 0.002%        |
| 12        | 3.955       | 3.943        | 3.964      | VV       | 166            | 1665         | 0.00%          | 0.000%        |
| 13        | 3.989       | 3.964        | 4.002      | VV       | 316            | 4865         | 0.01%          | 0.001%        |
| 14        | 4.012       | 4.002        | 4.047      | VV       | 269            | 4447         | 0.01%          | 0.001%        |
| 15        | 4.064       | 4.047        | 4.093      | VV       | 1092           | 14078        | 0.02%          | 0.003%        |
| 16        | 4.105       | 4.093        | 4.149      | VV       | 651            | 13232        | 0.02%          | 0.003%        |
| 17        | 4.164       | 4.149        | 4.199      | VV       | 325            | 7412         | 0.01%          | 0.002%        |
| 18        | 4.252       | 4.199        | 4.374      | VV       | 6527           | 118114       | 0.21%          | 0.026%        |
| 19        | 4.393       | 4.374        | 4.427      | VV       | 218            | 4228         | 0.01%          | 0.001%        |
| 20        | 4.440       | 4.427        | 4.464      | VV       | 334            | 3764         | 0.01%          | 0.001%        |
| 21        | 4.483       | 4.464        | 4.516      | VV       | 909            | 10347        | 0.02%          | 0.002%        |
| 22        | 4.529       | 4.516        | 4.544      | VV       | 957            | 8881         | 0.02%          | 0.002%        |
| 23        | 4.558       | 4.544        | 4.577      | VV       | 389            | 4788         | 0.01%          | 0.001%        |
| 24        | 4.590       | 4.577        | 4.617      | VV       | 298            | 3115         | 0.01%          | 0.001%        |
| 25        | 4.636       | 4.617        | 4.672      | PV       | 626            | 8187         | 0.01%          | 0.002%        |
| 26        | 4.688       | 4.672        | 4.696      | VV       | 1243           | 11054        | 0.02%          | 0.002%        |
| 27        | 4.707       | 4.696        | 4.727      | VV       | 1423           | 16653        | 0.03%          | 0.004%        |
| 28        | 4.738       | 4.727        | 4.756      | VV       | 506            | 4770         | 0.01%          | 0.001%        |
| 29        | 4.770       | 4.756        | 4.789      | VV       | 612            | 6724         | 0.01%          | 0.001%        |
| 30        | 4.820       | 4.789        | 4.850      | VV       | 1807           | 30640        | 0.05%          | 0.007%        |
| 31        | 4.866       | 4.850        | 4.882      | VV       | 2106           | 20533        | 0.04%          | 0.004%        |
| 32        | 4.904       | 4.882        | 4.925      | VV       | 1747           | 26158        | 0.05%          | 0.006%        |
| 33        | 4.942       | 4.925        | 4.951      | VV       | 2031           | 20005        | 0.04%          | 0.004%        |
| 34        | 4.963       | 4.951        | 4.999      | VV       | 2453           | 32281        | 0.06%          | 0.007%        |
| 35        | 5.017       | 4.999        | 5.034      | VV       | 1712           | 19252        | 0.03%          | 0.004%        |
| 36        | 5.051       | 5.034        | 5.066      | VV       | 524            | 5722         | 0.01%          | 0.001%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.095 | 5.066 | 5.107 | PV | 1015   | 13649  | 0.02% | 0.003% |
| 38 | 5.129 | 5.107 | 5.157 | VV | 3276   | 61525  | 0.11% | 0.013% |
| 39 | 5.183 | 5.157 | 5.194 | VV | 2129   | 28975  | 0.05% | 0.006% |
| 40 | 5.208 | 5.194 | 5.219 | VV | 4148   | 38080  | 0.07% | 0.008% |
|    |       |       |       |    |        |        |       |        |
| 41 | 5.230 | 5.219 | 5.247 | VV | 3283   | 35574  | 0.06% | 0.008% |
| 42 | 5.259 | 5.247 | 5.279 | VV | 1891   | 19039  | 0.03% | 0.004% |
| 43 | 5.291 | 5.279 | 5.304 | VV | 416    | 4256   | 0.01% | 0.001% |
| 44 | 5.329 | 5.304 | 5.337 | VV | 1789   | 19387  | 0.03% | 0.004% |
| 45 | 5.346 | 5.337 | 5.374 | VV | 1603   | 28479  | 0.05% | 0.006% |
|    |       |       |       |    |        |        |       |        |
| 46 | 5.400 | 5.374 | 5.411 | VV | 4051   | 56512  | 0.10% | 0.012% |
| 47 | 5.418 | 5.411 | 5.436 | VV | 3746   | 37564  | 0.07% | 0.008% |
| 48 | 5.450 | 5.436 | 5.462 | VV | 1233   | 16345  | 0.03% | 0.004% |
| 49 | 5.478 | 5.462 | 5.500 | VV | 2737   | 32405  | 0.06% | 0.007% |
| 50 | 5.525 | 5.500 | 5.543 | PV | 15019  | 166991 | 0.29% | 0.036% |
|    |       |       |       |    |        |        |       |        |
| 51 | 5.559 | 5.543 | 5.580 | VV | 11875  | 136996 | 0.24% | 0.030% |
| 52 | 5.596 | 5.580 | 5.634 | VV | 2662   | 36118  | 0.06% | 0.008% |
| 53 | 5.661 | 5.634 | 5.671 | VV | 1044   | 12895  | 0.02% | 0.003% |
| 54 | 5.681 | 5.671 | 5.693 | VV | 906    | 9317   | 0.02% | 0.002% |
| 55 | 5.716 | 5.693 | 5.733 | VV | 11752  | 122937 | 0.22% | 0.027% |
|    |       |       |       |    |        |        |       |        |
| 56 | 5.743 | 5.733 | 5.759 | VV | 3944   | 38686  | 0.07% | 0.008% |
| 57 | 5.813 | 5.759 | 5.850 | VV | 12664  | 267737 | 0.47% | 0.058% |
| 58 | 5.869 | 5.850 | 5.885 | VV | 6099   | 72872  | 0.13% | 0.016% |
| 59 | 5.904 | 5.885 | 5.921 | VV | 11953  | 143171 | 0.25% | 0.031% |
| 60 | 5.939 | 5.921 | 5.963 | VV | 6387   | 103054 | 0.18% | 0.023% |
|    |       |       |       |    |        |        |       |        |
| 61 | 5.982 | 5.963 | 6.009 | PV | 7981   | 92872  | 0.16% | 0.020% |
| 62 | 6.030 | 6.009 | 6.056 | PV | 9224   | 141872 | 0.25% | 0.031% |
| 63 | 6.082 | 6.056 | 6.099 | VV | 9332   | 131759 | 0.23% | 0.029% |
| 64 | 6.124 | 6.099 | 6.146 | VV | 9227   | 144151 | 0.25% | 0.031% |
| 65 | 6.168 | 6.146 | 6.194 | VV | 9408   | 119175 | 0.21% | 0.026% |
|    |       |       |       |    |        |        |       |        |
| 66 | 6.225 | 6.194 | 6.242 | VV | 11257  | 210481 | 0.37% | 0.046% |
| 67 | 6.261 | 6.242 | 6.284 | VV | 7478   | 142463 | 0.25% | 0.031% |
| 68 | 6.299 | 6.284 | 6.326 | VV | 9122   | 140735 | 0.25% | 0.031% |
| 69 | 6.350 | 6.326 | 6.372 | VV | 10812  | 180803 | 0.32% | 0.039% |
| 70 | 6.392 | 6.372 | 6.409 | VV | 6660   | 97959  | 0.17% | 0.021% |
|    |       |       |       |    |        |        |       |        |
| 71 | 6.451 | 6.409 | 6.479 | VV | 14633  | 296085 | 0.52% | 0.065% |
| 72 | 6.509 | 6.479 | 6.561 | VV | 46639  | 667738 | 1.18% | 0.146% |
| 73 | 6.576 | 6.561 | 6.585 | VV | 3322   | 42682  | 0.08% | 0.009% |
| 74 | 6.602 | 6.585 | 6.612 | VV | 5381   | 67413  | 0.12% | 0.015% |
| 75 | 6.628 | 6.612 | 6.639 | VV | 7969   | 99932  | 0.18% | 0.022% |
|    |       |       |       |    |        |        |       |        |
| 76 | 6.658 | 6.639 | 6.679 | VV | 21479  | 278138 | 0.49% | 0.061% |
| 77 | 6.711 | 6.679 | 6.752 | VV | 12115  | 291948 | 0.51% | 0.064% |
| 78 | 6.792 | 6.752 | 6.812 | VV | 17222  | 298075 | 0.52% | 0.065% |
| 79 | 6.851 | 6.812 | 6.882 | VV | 12727  | 325852 | 0.57% | 0.071% |
| 80 | 6.917 | 6.882 | 6.941 | VV | 41419  | 528390 | 0.93% | 0.115% |
|    |       |       |       |    |        |        |       |        |
| 81 | 6.955 | 6.941 | 6.963 | VV | 6017   | 63793  | 0.11% | 0.014% |
| 82 | 6.985 | 6.963 | 6.998 | VV | 10257  | 153730 | 0.27% | 0.034% |
| 83 | 7.029 | 6.998 | 7.053 | VV | 15934  | 366667 | 0.65% | 0.080% |
| 84 | 7.073 | 7.053 | 7.097 | VV | 22678  | 331129 | 0.58% | 0.072% |
| 85 | 7.114 | 7.097 | 7.127 | VV | 15760  | 209883 | 0.37% | 0.046% |
|    |       |       |       |    |        |        |       |        |
| 86 | 7.146 | 7.127 | 7.161 | VV | 27826  | 367285 | 0.65% | 0.080% |
| 87 | 7.170 | 7.161 | 7.196 | VV | 15601  | 213522 | 0.38% | 0.047% |
| 88 | 7.215 | 7.196 | 7.257 | VV | 24916  | 448392 | 0.79% | 0.098% |
| 89 | 7.277 | 7.257 | 7.300 | VV | 13143  | 241539 | 0.43% | 0.053% |

|     |       |       |       |    |        |         |       |        |
|-----|-------|-------|-------|----|--------|---------|-------|--------|
|     |       |       |       |    | rteres |         |       |        |
| 90  | 7.319 | 7.300 | 7.337 | VV | 13962  | 200533  | 0.35% | 0.044% |
| 91  | 7.361 | 7.337 | 7.382 | VV | 8017   | 186986  | 0.33% | 0.041% |
| 92  | 7.436 | 7.382 | 7.467 | VV | 96270  | 1561237 | 2.75% | 0.341% |
| 93  | 7.484 | 7.467 | 7.499 | VV | 15956  | 222530  | 0.39% | 0.049% |
| 94  | 7.514 | 7.499 | 7.584 | VV | 12578  | 448306  | 0.79% | 0.098% |
| 95  | 7.613 | 7.584 | 7.654 | VV | 29657  | 651214  | 1.15% | 0.142% |
| 96  | 7.669 | 7.654 | 7.686 | VV | 13226  | 177534  | 0.31% | 0.039% |
| 97  | 7.713 | 7.686 | 7.724 | VV | 8025   | 135992  | 0.24% | 0.030% |
| 98  | 7.755 | 7.724 | 7.791 | VV | 514752 | 5380942 | 9.47% | 1.175% |
| 99  | 7.803 | 7.791 | 7.816 | VV | 12899  | 161126  | 0.28% | 0.035% |
| 100 | 7.829 | 7.816 | 7.847 | VV | 11972  | 184159  | 0.32% | 0.040% |
| 101 | 7.889 | 7.847 | 7.903 | VV | 18940  | 505642  | 0.89% | 0.110% |
| 102 | 7.915 | 7.903 | 7.934 | VV | 19316  | 270632  | 0.48% | 0.059% |
| 103 | 7.958 | 7.934 | 7.979 | VV | 26644  | 387864  | 0.68% | 0.085% |
| 104 | 8.004 | 7.979 | 8.029 | VV | 26796  | 449358  | 0.79% | 0.098% |
| 105 | 8.051 | 8.029 | 8.091 | VV | 28930  | 704869  | 1.24% | 0.154% |
| 106 | 8.130 | 8.091 | 8.151 | VV | 42095  | 667036  | 1.17% | 0.146% |
| 107 | 8.161 | 8.151 | 8.206 | VV | 11606  | 322488  | 0.57% | 0.070% |
| 108 | 8.240 | 8.206 | 8.256 | VV | 32770  | 631465  | 1.11% | 0.138% |
| 109 | 8.269 | 8.256 | 8.282 | VV | 22331  | 297599  | 0.52% | 0.065% |
| 110 | 8.309 | 8.282 | 8.339 | VV | 129027 | 1773205 | 3.12% | 0.387% |
| 111 | 8.359 | 8.339 | 8.385 | VV | 24205  | 550943  | 0.97% | 0.120% |
| 112 | 8.418 | 8.385 | 8.440 | VV | 20174  | 522542  | 0.92% | 0.114% |
| 113 | 8.479 | 8.440 | 8.491 | VV | 20007  | 417974  | 0.74% | 0.091% |
| 114 | 8.504 | 8.491 | 8.517 | VV | 19339  | 240721  | 0.42% | 0.053% |
| 115 | 8.538 | 8.517 | 8.573 | VV | 25251  | 531685  | 0.94% | 0.116% |
| 116 | 8.628 | 8.573 | 8.653 | VV | 363893 | 4028625 | 7.09% | 0.880% |
| 117 | 8.684 | 8.653 | 8.698 | VV | 19437  | 437371  | 0.77% | 0.096% |
| 118 | 8.724 | 8.698 | 8.743 | VV | 37678  | 674228  | 1.19% | 0.147% |
| 119 | 8.757 | 8.743 | 8.784 | VV | 27852  | 529916  | 0.93% | 0.116% |
| 120 | 8.799 | 8.784 | 8.822 | VV | 24804  | 442309  | 0.78% | 0.097% |
| 121 | 8.845 | 8.822 | 8.872 | VV | 65276  | 953998  | 1.68% | 0.208% |
| 122 | 8.897 | 8.872 | 8.912 | VV | 25429  | 400746  | 0.71% | 0.088% |
| 123 | 8.922 | 8.912 | 8.942 | VV | 14652  | 236303  | 0.42% | 0.052% |
| 124 | 8.961 | 8.942 | 8.978 | VV | 20164  | 337778  | 0.59% | 0.074% |
| 125 | 8.995 | 8.978 | 9.045 | VV | 23919  | 598303  | 1.05% | 0.131% |
| 126 | 9.079 | 9.045 | 9.098 | VV | 22146  | 529738  | 0.93% | 0.116% |
| 127 | 9.133 | 9.098 | 9.160 | VV | 159678 | 2150397 | 3.78% | 0.470% |
| 128 | 9.173 | 9.160 | 9.200 | VV | 19832  | 388497  | 0.68% | 0.085% |
| 129 | 9.217 | 9.200 | 9.247 | VV | 19695  | 424778  | 0.75% | 0.093% |
| 130 | 9.288 | 9.247 | 9.307 | VV | 17335  | 470611  | 0.83% | 0.103% |
| 131 | 9.337 | 9.307 | 9.352 | VV | 13879  | 325173  | 0.57% | 0.071% |
| 132 | 9.368 | 9.352 | 9.384 | VV | 18808  | 283256  | 0.50% | 0.062% |
| 133 | 9.394 | 9.384 | 9.403 | VV | 13412  | 148607  | 0.26% | 0.032% |
| 134 | 9.423 | 9.403 | 9.444 | VV | 19957  | 375262  | 0.66% | 0.082% |
| 135 | 9.465 | 9.444 | 9.480 | VV | 15680  | 289417  | 0.51% | 0.063% |
| 136 | 9.508 | 9.480 | 9.540 | VV | 56150  | 1025976 | 1.81% | 0.224% |
| 137 | 9.550 | 9.540 | 9.564 | VV | 20200  | 273469  | 0.48% | 0.060% |
| 138 | 9.591 | 9.564 | 9.616 | VV | 33826  | 709005  | 1.25% | 0.155% |
| 139 | 9.637 | 9.616 | 9.655 | VV | 30358  | 518609  | 0.91% | 0.113% |
| 140 | 9.666 | 9.655 | 9.675 | VV | 20605  | 228637  | 0.40% | 0.050% |
| 141 | 9.690 | 9.675 | 9.733 | VV | 29519  | 627329  | 1.10% | 0.137% |

| rteres |        |        |        |    |         |          |        |        |
|--------|--------|--------|--------|----|---------|----------|--------|--------|
| 142    | 9.746  | 9.733  | 9.779  | VV | 13347   | 306136   | 0.54%  | 0.067% |
| 143    | 9.792  | 9.779  | 9.807  | VV | 10948   | 173660   | 0.31%  | 0.038% |
| 144    | 9.869  | 9.807  | 9.891  | VV | 26440   | 930139   | 1.64%  | 0.203% |
| 145    | 9.912  | 9.891  | 9.963  | VV | 173272  | 2373414  | 4.18%  | 0.518% |
| 146    | 9.992  | 9.963  | 10.009 | VV | 16002   | 399923   | 0.70%  | 0.087% |
| 147    | 10.016 | 10.009 | 10.063 | VV | 15467   | 362101   | 0.64%  | 0.079% |
| 148    | 10.089 | 10.063 | 10.149 | VV | 15669   | 552922   | 0.97%  | 0.121% |
| 149    | 10.189 | 10.149 | 10.214 | VV | 14596   | 423068   | 0.74%  | 0.092% |
| 150    | 10.258 | 10.214 | 10.272 | VV | 25164   | 559773   | 0.99%  | 0.122% |
| 151    | 10.300 | 10.272 | 10.332 | VV | 69594   | 1233429  | 2.17%  | 0.269% |
| 152    | 10.352 | 10.332 | 10.372 | VV | 25524   | 466706   | 0.82%  | 0.102% |
| 153    | 10.390 | 10.372 | 10.415 | VV | 35433   | 566645   | 1.00%  | 0.124% |
| 154    | 10.443 | 10.415 | 10.479 | VV | 30516   | 647366   | 1.14%  | 0.141% |
| 155    | 10.501 | 10.479 | 10.515 | VV | 12066   | 225320   | 0.40%  | 0.049% |
| 156    | 10.582 | 10.515 | 10.616 | VV | 18920   | 820573   | 1.44%  | 0.179% |
| 157    | 10.651 | 10.616 | 10.680 | VV | 174963  | 2311366  | 4.07%  | 0.505% |
| 158    | 10.723 | 10.680 | 10.764 | VV | 64915   | 1769126  | 3.11%  | 0.386% |
| 159    | 10.772 | 10.764 | 10.806 | VV | 15714   | 305949   | 0.54%  | 0.067% |
| 160    | 10.848 | 10.806 | 10.858 | VV | 10458   | 306053   | 0.54%  | 0.067% |
| 161    | 10.872 | 10.858 | 10.887 | VV | 11059   | 179693   | 0.32%  | 0.039% |
| 162    | 10.914 | 10.887 | 10.951 | VV | 158870  | 2026336  | 3.57%  | 0.443% |
| 163    | 10.988 | 10.951 | 11.008 | VV | 69012   | 1122633  | 1.98%  | 0.245% |
| 164    | 11.045 | 11.008 | 11.084 | VV | 27527   | 877417   | 1.54%  | 0.192% |
| 165    | 11.106 | 11.084 | 11.139 | VV | 23221   | 468154   | 0.82%  | 0.102% |
| 166    | 11.157 | 11.139 | 11.178 | VV | 24469   | 365002   | 0.64%  | 0.080% |
| 167    | 11.198 | 11.178 | 11.244 | VV | 24331   | 495985   | 0.87%  | 0.108% |
| 168    | 11.272 | 11.244 | 11.289 | VV | 11614   | 254452   | 0.45%  | 0.056% |
| 169    | 11.306 | 11.289 | 11.327 | VV | 12148   | 247149   | 0.43%  | 0.054% |
| 170    | 11.355 | 11.327 | 11.379 | VV | 150457  | 1911894  | 3.36%  | 0.418% |
| 171    | 11.402 | 11.379 | 11.419 | VV | 17524   | 361696   | 0.64%  | 0.079% |
| 172    | 11.445 | 11.419 | 11.492 | VV | 55776   | 1051533  | 1.85%  | 0.230% |
| 173    | 11.510 | 11.492 | 11.536 | VV | 11060   | 208645   | 0.37%  | 0.046% |
| 174    | 11.560 | 11.536 | 11.581 | VV | 10901   | 232345   | 0.41%  | 0.051% |
| 175    | 11.599 | 11.581 | 11.617 | VV | 9972    | 187810   | 0.33%  | 0.041% |
| 176    | 11.680 | 11.617 | 11.702 | VV | 377069  | 4687124  | 8.25%  | 1.024% |
| 177    | 11.715 | 11.702 | 11.731 | VV | 32120   | 413689   | 0.73%  | 0.090% |
| 178    | 11.748 | 11.731 | 11.773 | VV | 47629   | 682876   | 1.20%  | 0.149% |
| 179    | 11.789 | 11.773 | 11.799 | VV | 16701   | 218341   | 0.38%  | 0.048% |
| 180    | 11.834 | 11.799 | 11.854 | VV | 44126   | 826833   | 1.46%  | 0.181% |
| 181    | 11.915 | 11.854 | 11.957 | VV | 187085  | 3013158  | 5.30%  | 0.658% |
| 182    | 11.974 | 11.957 | 11.985 | VV | 10943   | 157314   | 0.28%  | 0.034% |
| 183    | 12.027 | 11.985 | 12.051 | VV | 121980  | 1858507  | 3.27%  | 0.406% |
| 184    | 12.094 | 12.051 | 12.169 | VV | 1772547 | 22994812 | 40.47% | 5.023% |
| 185    | 12.186 | 12.169 | 12.206 | VV | 17222   | 230127   | 0.40%  | 0.050% |
| 186    | 12.224 | 12.206 | 12.237 | VV | 7979    | 114408   | 0.20%  | 0.025% |
| 187    | 12.287 | 12.237 | 12.321 | VV | 114821  | 1922504  | 3.38%  | 0.420% |
| 188    | 12.331 | 12.321 | 12.350 | VV | 12351   | 173547   | 0.31%  | 0.038% |
| 189    | 12.366 | 12.350 | 12.384 | VV | 10680   | 158678   | 0.28%  | 0.035% |
| 190    | 12.405 | 12.384 | 12.423 | VV | 12934   | 233481   | 0.41%  | 0.051% |
| 191    | 12.439 | 12.423 | 12.474 | VV | 19286   | 341109   | 0.60%  | 0.075% |
| 192    | 12.491 | 12.474 | 12.499 | VV | 11948   | 134871   | 0.24%  | 0.029% |
| 193    | 12.518 | 12.499 | 12.529 | VV | 18526   | 282594   | 0.50%  | 0.062% |
| 194    | 12.543 | 12.529 | 12.566 | VV | 21689   | 313664   | 0.55%  | 0.069% |

|     |        |        |        |    |         |          |         |         |
|-----|--------|--------|--------|----|---------|----------|---------|---------|
|     |        |        |        |    | rteres  |          |         |         |
| 195 | 12.587 | 12.566 | 12.603 | VV | 10192   | 160072   | 0.28%   | 0.035%  |
| 196 | 12.623 | 12.603 | 12.639 | VV | 17281   | 242431   | 0.43%   | 0.053%  |
| 197 | 12.666 | 12.639 | 12.701 | VV | 116458  | 1593048  | 2.80%   | 0.348%  |
| 198 | 12.741 | 12.701 | 12.782 | VV | 296867  | 3813009  | 6.71%   | 0.833%  |
| 199 | 12.802 | 12.782 | 12.827 | VV | 6647    | 103407   | 0.18%   | 0.023%  |
| 200 | 12.888 | 12.827 | 12.902 | VV | 5740    | 136795   | 0.24%   | 0.030%  |
| 201 | 12.925 | 12.902 | 12.947 | VV | 19081   | 325609   | 0.57%   | 0.071%  |
| 202 | 12.977 | 12.947 | 13.008 | VV | 15737   | 376923   | 0.66%   | 0.082%  |
| 203 | 13.040 | 13.008 | 13.065 | VV | 237318  | 2822944  | 4.97%   | 0.617%  |
| 204 | 13.130 | 13.065 | 13.153 | VV | 2904162 | 56824323 | 100.00% | 12.413% |
| 205 | 13.193 | 13.153 | 13.262 | VV | 3100781 | 55607726 | 97.86%  | 12.147% |
| 206 | 13.343 | 13.262 | 13.361 | VV | 719590  | 13802491 | 24.29%  | 3.015%  |
| 207 | 13.374 | 13.361 | 13.421 | VV | 353079  | 5326080  | 9.37%   | 1.163%  |
| 208 | 13.429 | 13.421 | 13.474 | VV | 17317   | 404242   | 0.71%   | 0.088%  |
| 209 | 13.514 | 13.474 | 13.546 | VV | 67691   | 1286779  | 2.26%   | 0.281%  |
| 210 | 13.560 | 13.546 | 13.579 | VV | 22258   | 309057   | 0.54%   | 0.068%  |
| 211 | 13.588 | 13.579 | 13.597 | VV | 10534   | 104440   | 0.18%   | 0.023%  |
| 212 | 13.629 | 13.597 | 13.687 | VV | 103183  | 2161328  | 3.80%   | 0.472%  |
| 213 | 13.707 | 13.687 | 13.719 | VV | 13680   | 189722   | 0.33%   | 0.041%  |
| 214 | 13.746 | 13.719 | 13.771 | VV | 72287   | 1042174  | 1.83%   | 0.228%  |
| 215 | 13.789 | 13.771 | 13.811 | VV | 24532   | 398622   | 0.70%   | 0.087%  |
| 216 | 13.825 | 13.811 | 13.840 | VV | 14893   | 197004   | 0.35%   | 0.043%  |
| 217 | 13.865 | 13.840 | 13.887 | VV | 75822   | 1068485  | 1.88%   | 0.233%  |
| 218 | 13.912 | 13.887 | 13.935 | VV | 38290   | 703434   | 1.24%   | 0.154%  |
| 219 | 13.956 | 13.935 | 14.019 | VV | 30185   | 871107   | 1.53%   | 0.190%  |
| 220 | 14.032 | 14.019 | 14.047 | VV | 6237    | 88700    | 0.16%   | 0.019%  |
| 221 | 14.095 | 14.047 | 14.105 | VV | 16167   | 370017   | 0.65%   | 0.081%  |
| 222 | 14.129 | 14.105 | 14.157 | VV | 59142   | 1325304  | 2.33%   | 0.290%  |
| 223 | 14.165 | 14.157 | 14.191 | VV | 49492   | 669532   | 1.18%   | 0.146%  |
| 224 | 14.206 | 14.191 | 14.216 | VV | 15236   | 214056   | 0.38%   | 0.047%  |
| 225 | 14.273 | 14.216 | 14.292 | VV | 33290   | 996061   | 1.75%   | 0.218%  |
| 226 | 14.322 | 14.292 | 14.333 | VV | 73148   | 1130069  | 1.99%   | 0.247%  |
| 227 | 14.344 | 14.333 | 14.401 | VV | 73580   | 1526520  | 2.69%   | 0.333%  |
| 228 | 14.424 | 14.401 | 14.455 | VV | 116684  | 1825881  | 3.21%   | 0.399%  |
| 229 | 14.486 | 14.455 | 14.517 | VV | 89719   | 1577381  | 2.78%   | 0.345%  |
| 230 | 14.543 | 14.517 | 14.576 | VV | 74695   | 1111174  | 1.96%   | 0.243%  |
| 231 | 14.599 | 14.576 | 14.622 | VV | 66893   | 1003910  | 1.77%   | 0.219%  |
| 232 | 14.642 | 14.622 | 14.701 | VV | 35391   | 721724   | 1.27%   | 0.158%  |
| 233 | 14.728 | 14.701 | 14.741 | VV | 7609    | 134898   | 0.24%   | 0.029%  |
| 234 | 14.763 | 14.741 | 14.779 | VV | 12355   | 238543   | 0.42%   | 0.052%  |
| 235 | 14.802 | 14.779 | 14.842 | VV | 14248   | 353776   | 0.62%   | 0.077%  |
| 236 | 14.866 | 14.842 | 14.892 | VV | 11303   | 254954   | 0.45%   | 0.056%  |
| 237 | 14.918 | 14.892 | 14.935 | VV | 132481  | 1663968  | 2.93%   | 0.363%  |
| 238 | 14.960 | 14.935 | 14.991 | VV | 236387  | 3317820  | 5.84%   | 0.725%  |
| 239 | 15.020 | 14.991 | 15.035 | VV | 11094   | 184436   | 0.32%   | 0.040%  |
| 240 | 15.077 | 15.035 | 15.098 | VV | 30423   | 581748   | 1.02%   | 0.127%  |
| 241 | 15.108 | 15.098 | 15.136 | VV | 11462   | 209875   | 0.37%   | 0.046%  |
| 242 | 15.154 | 15.136 | 15.189 | VV | 13974   | 224968   | 0.40%   | 0.049%  |
| 243 | 15.220 | 15.189 | 15.241 | VV | 14901   | 280190   | 0.49%   | 0.061%  |
| 244 | 15.269 | 15.241 | 15.299 | VV | 24213   | 576075   | 1.01%   | 0.126%  |
| 245 | 15.313 | 15.299 | 15.329 | VV | 11790   | 166723   | 0.29%   | 0.036%  |
| 246 | 15.348 | 15.329 | 15.417 | VV | 32087   | 692400   | 1.22%   | 0.151%  |

| rteres |        |        |        |    |        |         |       |        |
|--------|--------|--------|--------|----|--------|---------|-------|--------|
| 247    | 15.425 | 15.417 | 15.442 | VV | 2223   | 19249   | 0.03% | 0.004% |
| 248    | 15.484 | 15.442 | 15.517 | PV | 34415  | 516539  | 0.91% | 0.113% |
| 249    | 15.542 | 15.517 | 15.565 | VV | 51271  | 680722  | 1.20% | 0.149% |
| 250    | 15.586 | 15.565 | 15.607 | VV | 33423  | 434891  | 0.77% | 0.095% |
|        |        |        |        |    |        |         |       |        |
| 251    | 15.624 | 15.607 | 15.648 | VV | 17869  | 243419  | 0.43% | 0.053% |
| 252    | 15.669 | 15.648 | 15.687 | VV | 12384  | 175687  | 0.31% | 0.038% |
| 253    | 15.745 | 15.687 | 15.790 | VV | 23406  | 656819  | 1.16% | 0.143% |
| 254    | 15.822 | 15.790 | 15.843 | VV | 8874   | 189294  | 0.33% | 0.041% |
| 255    | 15.872 | 15.843 | 15.889 | VV | 7065   | 143771  | 0.25% | 0.031% |
|        |        |        |        |    |        |         |       |        |
| 256    | 15.907 | 15.889 | 15.929 | VV | 8321   | 138634  | 0.24% | 0.030% |
| 257    | 15.944 | 15.929 | 15.957 | VV | 5087   | 68180   | 0.12% | 0.015% |
| 258    | 15.985 | 15.957 | 16.032 | VV | 50970  | 837831  | 1.47% | 0.183% |
| 259    | 16.040 | 16.032 | 16.066 | VV | 7832   | 116490  | 0.21% | 0.025% |
| 260    | 16.086 | 16.066 | 16.106 | VV | 4691   | 97064   | 0.17% | 0.021% |
|        |        |        |        |    |        |         |       |        |
| 261    | 16.116 | 16.106 | 16.128 | VV | 3907   | 46415   | 0.08% | 0.010% |
| 262    | 16.158 | 16.128 | 16.172 | VV | 24863  | 383613  | 0.68% | 0.084% |
| 263    | 16.192 | 16.172 | 16.241 | VV | 51566  | 1088394 | 1.92% | 0.238% |
| 264    | 16.258 | 16.241 | 16.274 | VV | 13425  | 231422  | 0.41% | 0.051% |
| 265    | 16.292 | 16.274 | 16.316 | VV | 13798  | 280174  | 0.49% | 0.061% |
|        |        |        |        |    |        |         |       |        |
| 266    | 16.356 | 16.316 | 16.419 | VV | 15916  | 805147  | 1.42% | 0.176% |
| 267    | 16.473 | 16.419 | 16.492 | VV | 132106 | 2142488 | 3.77% | 0.468% |
| 268    | 16.500 | 16.492 | 16.519 | VV | 53071  | 599986  | 1.06% | 0.131% |
| 269    | 16.528 | 16.519 | 16.552 | VV | 22285  | 316112  | 0.56% | 0.069% |
| 270    | 16.602 | 16.552 | 16.626 | VV | 30713  | 729773  | 1.28% | 0.159% |
|        |        |        |        |    |        |         |       |        |
| 271    | 16.635 | 16.626 | 16.675 | VV | 17063  | 441527  | 0.78% | 0.096% |
| 272    | 16.692 | 16.675 | 16.707 | VV | 15101  | 263558  | 0.46% | 0.058% |
| 273    | 16.723 | 16.707 | 16.731 | VV | 13788  | 178899  | 0.31% | 0.039% |
| 274    | 16.792 | 16.731 | 16.807 | VV | 82533  | 1815084 | 3.19% | 0.397% |
| 275    | 16.822 | 16.807 | 16.837 | VV | 88442  | 1220631 | 2.15% | 0.267% |
|        |        |        |        |    |        |         |       |        |
| 276    | 16.853 | 16.837 | 16.886 | VV | 95031  | 1423387 | 2.50% | 0.311% |
| 277    | 16.934 | 16.886 | 17.024 | VV | 47862  | 2180548 | 3.84% | 0.476% |
| 278    | 17.091 | 17.024 | 17.134 | VV | 23940  | 1285946 | 2.26% | 0.281% |
| 279    | 17.160 | 17.134 | 17.175 | VV | 23405  | 520984  | 0.92% | 0.114% |
| 280    | 17.216 | 17.175 | 17.242 | VV | 34082  | 1112242 | 1.96% | 0.243% |
|        |        |        |        |    |        |         |       |        |
| 281    | 17.261 | 17.242 | 17.294 | VV | 28875  | 731803  | 1.29% | 0.160% |
| 282    | 17.314 | 17.294 | 17.323 | VV | 22749  | 367511  | 0.65% | 0.080% |
| 283    | 17.382 | 17.323 | 17.411 | VV | 63825  | 1816165 | 3.20% | 0.397% |
| 284    | 17.436 | 17.411 | 17.454 | VV | 29715  | 646564  | 1.14% | 0.141% |
| 285    | 17.464 | 17.454 | 17.482 | VV | 25714  | 407489  | 0.72% | 0.089% |
|        |        |        |        |    |        |         |       |        |
| 286    | 17.514 | 17.482 | 17.542 | VV | 34679  | 1051899 | 1.85% | 0.230% |
| 287    | 17.568 | 17.542 | 17.607 | VV | 27312  | 992053  | 1.75% | 0.217% |
| 288    | 17.623 | 17.607 | 17.642 | VV | 25117  | 519486  | 0.91% | 0.113% |
| 289    | 17.659 | 17.642 | 17.680 | VV | 28133  | 596960  | 1.05% | 0.130% |
| 290    | 17.692 | 17.680 | 17.704 | VV | 25408  | 354197  | 0.62% | 0.077% |
|        |        |        |        |    |        |         |       |        |
| 291    | 17.822 | 17.704 | 17.861 | VV | 72188  | 3303844 | 5.81% | 0.722% |
| 292    | 17.891 | 17.861 | 17.903 | VV | 31607  | 742555  | 1.31% | 0.162% |
| 293    | 17.918 | 17.903 | 17.927 | VV | 31487  | 442675  | 0.78% | 0.097% |
| 294    | 17.984 | 17.927 | 18.011 | VV | 56257  | 2045538 | 3.60% | 0.447% |
| 295    | 18.017 | 18.011 | 18.051 | VV | 41281  | 852514  | 1.50% | 0.186% |
|        |        |        |        |    |        |         |       |        |
| 296    | 18.077 | 18.051 | 18.102 | VV | 37528  | 1054426 | 1.86% | 0.230% |
| 297    | 18.129 | 18.102 | 18.166 | VV | 45445  | 1478271 | 2.60% | 0.323% |
| 298    | 18.187 | 18.166 | 18.199 | VV | 47952  | 887143  | 1.56% | 0.194% |
| 299    | 18.241 | 18.199 | 18.289 | VV | 78753  | 3119486 | 5.49% | 0.681% |

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 300 | 18.301 | 18.289 | 18.317 | VV | 39717  | 623428  | 1.10% | 0.136% |
| 301 | 18.352 | 18.317 | 18.372 | VV | 67833  | 1651209 | 2.91% | 0.361% |
| 302 | 18.385 | 18.372 | 18.447 | VV | 55618  | 1938234 | 3.41% | 0.423% |
| 303 | 18.477 | 18.447 | 18.530 | VV | 74181  | 2380234 | 4.19% | 0.520% |
| 304 | 18.552 | 18.530 | 18.572 | VV | 44615  | 1052332 | 1.85% | 0.230% |
| 305 | 18.606 | 18.572 | 18.626 | VV | 55610  | 1523878 | 2.68% | 0.333% |
| 306 | 18.653 | 18.626 | 18.689 | VV | 83833  | 2151500 | 3.79% | 0.470% |
| 307 | 18.721 | 18.689 | 18.739 | VV | 42598  | 1215076 | 2.14% | 0.265% |
| 308 | 18.775 | 18.739 | 18.802 | VV | 62056  | 1966831 | 3.46% | 0.430% |
| 309 | 18.819 | 18.802 | 18.852 | VV | 57558  | 1517430 | 2.67% | 0.331% |
| 310 | 18.861 | 18.852 | 18.885 | VV | 47625  | 916056  | 1.61% | 0.200% |
| 311 | 18.910 | 18.885 | 18.939 | VV | 53772  | 1613985 | 2.84% | 0.353% |
| 312 | 18.950 | 18.939 | 18.971 | VV | 51728  | 941135  | 1.66% | 0.206% |
| 313 | 19.014 | 18.971 | 19.024 | VV | 55485  | 1675097 | 2.95% | 0.366% |
| 314 | 19.049 | 19.024 | 19.079 | VV | 87169  | 2212535 | 3.89% | 0.483% |
| 315 | 19.099 | 19.079 | 19.132 | VV | 57811  | 1694604 | 2.98% | 0.370% |
| 316 | 19.167 | 19.132 | 19.217 | VV | 67180  | 2897355 | 5.10% | 0.633% |
| 317 | 19.259 | 19.217 | 19.273 | VV | 56966  | 1813630 | 3.19% | 0.396% |
| 318 | 19.288 | 19.273 | 19.307 | VV | 56874  | 1133968 | 2.00% | 0.248% |
| 319 | 19.312 | 19.307 | 19.384 | VV | 56710  | 2488908 | 4.38% | 0.544% |
| 320 | 19.435 | 19.384 | 19.468 | VV | 87856  | 3316844 | 5.84% | 0.725% |
| 321 | 19.483 | 19.468 | 19.518 | VV | 65567  | 1828003 | 3.22% | 0.399% |
| 322 | 19.577 | 19.518 | 19.598 | VV | 67668  | 3034492 | 5.34% | 0.663% |
| 323 | 19.631 | 19.598 | 19.660 | VV | 74172  | 2510813 | 4.42% | 0.548% |
| 324 | 19.697 | 19.660 | 19.737 | VV | 73120  | 3119186 | 5.49% | 0.681% |
| 325 | 19.753 | 19.737 | 19.764 | VV | 67442  | 1050014 | 1.85% | 0.229% |
| 326 | 19.810 | 19.764 | 19.832 | VV | 101695 | 3246074 | 5.71% | 0.709% |
| 327 | 19.846 | 19.832 | 19.864 | VV | 73498  | 1366165 | 2.40% | 0.298% |
| 328 | 19.872 | 19.864 | 19.890 | VV | 72118  | 1076767 | 1.89% | 0.235% |
| 329 | 19.915 | 19.890 | 19.932 | VV | 73647  | 1805750 | 3.18% | 0.394% |
| 330 | 19.948 | 19.932 | 19.970 | VV | 73319  | 1630358 | 2.87% | 0.356% |
| 331 | 20.007 | 19.970 | 20.037 | VV | 84634  | 3151526 | 5.55% | 0.688% |
| 332 | 20.051 | 20.037 | 20.066 | VV | 74660  | 1249870 | 2.20% | 0.273% |
| 333 | 20.091 | 20.066 | 20.137 | VV | 81004  | 3299413 | 5.81% | 0.721% |
| 334 | 20.174 | 20.137 | 20.210 | VV | 100915 | 3677685 | 6.47% | 0.803% |
| 335 | 20.262 | 20.210 | 20.303 | VV | 87115  | 4639222 | 8.16% | 1.013% |
| 336 | 20.327 | 20.303 | 20.372 | VV | 87932  | 3516644 | 6.19% | 0.768% |
| 337 | 20.392 | 20.372 | 20.421 | VV | 85825  | 2420819 | 4.26% | 0.529% |
| 338 | 20.429 | 20.421 | 20.437 | VV | 81668  | 804393  | 1.42% | 0.176% |
| 339 | 20.451 | 20.437 | 20.478 | VV | 82203  | 1941182 | 3.42% | 0.424% |
| 340 | 20.492 | 20.478 | 20.504 | VV | 79420  | 1221329 | 2.15% | 0.267% |
| 341 | 20.535 | 20.504 | 20.581 | VV | 100890 | 3947521 | 6.95% | 0.862% |
| 342 | 20.602 | 20.581 | 20.621 | VV | 76828  | 1762307 | 3.10% | 0.385% |
| 343 | 20.664 | 20.621 | 20.688 | VV | 77422  | 3013145 | 5.30% | 0.658% |
| 344 | 20.699 | 20.688 | 20.742 | VV | 75700  | 2274997 | 4.00% | 0.497% |
| 345 | 20.769 | 20.742 | 20.791 | VV | 71955  | 2023510 | 3.56% | 0.442% |
| 346 | 20.813 | 20.791 | 20.844 | VV | 70721  | 2190885 | 3.86% | 0.479% |
| 347 | 20.854 | 20.844 | 20.896 | VV | 68270  | 2044066 | 3.60% | 0.447% |
| 348 | 20.930 | 20.896 | 21.012 | VV | 86891  | 5050423 | 8.89% | 1.103% |
| 349 | 21.022 | 21.012 | 21.036 | VV | 65718  | 889968  | 1.57% | 0.194% |
| 350 | 21.047 | 21.036 | 21.056 | VV | 62770  | 774228  | 1.36% | 0.169% |
| 351 | 21.063 | 21.056 | 21.112 | VV | 61458  | 2009954 | 3.54% | 0.439% |

|     |        |        |        |     |                         |         |           |        |
|-----|--------|--------|--------|-----|-------------------------|---------|-----------|--------|
|     |        |        |        |     |                         | rteres  |           |        |
| 352 | 21.128 | 21.112 | 21.176 | VV  | 61952                   | 2243065 | 3.95%     | 0.490% |
| 353 | 21.198 | 21.176 | 21.219 | VV  | 57726                   | 1444658 | 2.54%     | 0.316% |
| 354 | 21.226 | 21.219 | 21.235 | VV  | 54798                   | 507494  | 0.89%     | 0.111% |
| 355 | 21.248 | 21.235 | 21.307 | VV  | 57066                   | 2339449 | 4.12%     | 0.511% |
| 356 | 21.379 | 21.307 | 21.412 | VV  | 67248                   | 3658587 | 6.44%     | 0.799% |
| 357 | 21.421 | 21.412 | 21.438 | VV  | 57661                   | 850730  | 1.50%     | 0.186% |
| 358 | 21.453 | 21.438 | 21.487 | VV  | 54753                   | 1605575 | 2.83%     | 0.351% |
| 359 | 21.507 | 21.487 | 21.546 | VV  | 55232                   | 1802457 | 3.17%     | 0.394% |
| 360 | 21.580 | 21.546 | 21.596 | VV  | 46508                   | 1367539 | 2.41%     | 0.299% |
| 361 | 21.616 | 21.596 | 21.625 | VV  | 46197                   | 799028  | 1.41%     | 0.175% |
| 362 | 21.633 | 21.625 | 21.639 | VV  | 46659                   | 380307  | 0.67%     | 0.083% |
| 363 | 21.647 | 21.639 | 21.681 | VV  | 46962                   | 1099822 | 1.94%     | 0.240% |
| 364 | 21.695 | 21.681 | 21.749 | VV  | 43195                   | 1676444 | 2.95%     | 0.366% |
| 365 | 21.759 | 21.749 | 21.802 | VV  | 41476                   | 1270567 | 2.24%     | 0.278% |
| 366 | 21.886 | 21.802 | 21.953 | VV  | 50505                   | 3830371 | 6.74%     | 0.837% |
| 367 | 21.976 | 21.953 | 21.991 | VV  | 35065                   | 772060  | 1.36%     | 0.169% |
| 368 | 22.035 | 21.991 | 22.061 | VBA | 38360                   | 1603299 | 2.82%     | 0.350% |
|     |        |        |        |     | Sum of corrected areas: |         | 457774259 |        |

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