

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE120125AL\  
 Data File : FE057111.D  
 Signal(s) : FID1B.ch  
 Acq On : 01 Dec 2025 22:09  
 Sample : Q3733-01  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 112725.M  
 Title : GC Extractables

Signal : FID1B.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         | 2.560       | 2.524        | 2.595      | BV       | 383            | 5675         | 0.09%          | 0.003%        |
| 2         | 2.629       | 2.595        | 2.656      | PV       | 220            | 3333         | 0.05%          | 0.002%        |
| 3         | 2.664       | 2.656        | 2.704      | VV       | 27             | 773          | 0.01%          | 0.000%        |
| 4         | 2.729       | 2.704        | 2.811      | PV       | 142            | 3269         | 0.05%          | 0.002%        |
| 5         | 2.837       | 2.811        | 2.893      | PV       | 200            | 4733         | 0.07%          | 0.002%        |
| 6         | 2.930       | 2.893        | 2.975      | VV       | 232            | 6410         | 0.10%          | 0.003%        |
| 7         | 2.983       | 2.975        | 3.020      | VV       | 156            | 2203         | 0.03%          | 0.001%        |
| 8         | 3.034       | 3.020        | 3.043      | VV       | 89             | 777          | 0.01%          | 0.000%        |
| 9         | 3.074       | 3.043        | 3.087      | PV       | 269            | 4351         | 0.07%          | 0.002%        |
| 10        | 3.098       | 3.087        | 3.184      | VV       | 236            | 4780         | 0.07%          | 0.002%        |
| 11        | 3.215       | 3.184        | 3.259      | PV       | 118            | 2258         | 0.03%          | 0.001%        |
| 12        | 3.306       | 3.259        | 3.388      | VV       | 515            | 14162        | 0.22%          | 0.007%        |
| 13        | 3.407       | 3.388        | 3.417      | PV       | 98             | 992          | 0.02%          | 0.000%        |
| 14        | 3.432       | 3.417        | 3.452      | VV       | 174            | 2848         | 0.04%          | 0.001%        |
| 15        | 3.465       | 3.452        | 3.481      | VV       | 194            | 2458         | 0.04%          | 0.001%        |
| 16        | 3.511       | 3.481        | 3.559      | VV       | 166            | 7282         | 0.11%          | 0.004%        |
| 17        | 3.575       | 3.559        | 3.587      | VV       | 195            | 2300         | 0.04%          | 0.001%        |
| 18        | 3.607       | 3.587        | 3.669      | VV       | 411            | 9389         | 0.14%          | 0.005%        |
| 19        | 3.682       | 3.669        | 3.716      | VV       | 214            | 3798         | 0.06%          | 0.002%        |
| 20        | 3.740       | 3.716        | 3.778      | VV       | 527            | 11742        | 0.18%          | 0.006%        |
| 21        | 3.821       | 3.778        | 3.857      | VV       | 442            | 11762        | 0.18%          | 0.006%        |
| 22        | 3.878       | 3.857        | 3.905      | VV       | 354            | 5984         | 0.09%          | 0.003%        |
| 23        | 3.927       | 3.905        | 3.968      | VV       | 635            | 8488         | 0.13%          | 0.004%        |
| 24        | 3.988       | 3.968        | 3.998      | VV       | 553            | 6511         | 0.10%          | 0.003%        |
| 25        | 4.011       | 3.998        | 4.051      | VV       | 458            | 7322         | 0.11%          | 0.004%        |
| 26        | 4.087       | 4.051        | 4.099      | VV       | 585            | 8029         | 0.12%          | 0.004%        |
| 27        | 4.117       | 4.099        | 4.137      | VV       | 444            | 7684         | 0.12%          | 0.004%        |
| 28        | 4.164       | 4.137        | 4.172      | VV       | 397            | 6675         | 0.10%          | 0.003%        |
| 29        | 4.192       | 4.172        | 4.216      | VV       | 548            | 9970         | 0.15%          | 0.005%        |
| 30        | 4.226       | 4.216        | 4.247      | VV       | 236            | 3566         | 0.05%          | 0.002%        |
| 31        | 4.289       | 4.247        | 4.301      | VV       | 548            | 10202        | 0.16%          | 0.005%        |
| 32        | 4.318       | 4.301        | 4.344      | VV       | 546            | 9862         | 0.15%          | 0.005%        |
| 33        | 4.361       | 4.344        | 4.404      | VV       | 469            | 7857         | 0.12%          | 0.004%        |
| 34        | 4.440       | 4.404        | 4.463      | PV       | 656            | 9648         | 0.15%          | 0.005%        |
| 35        | 4.488       | 4.463        | 4.518      | VV       | 441            | 9054         | 0.14%          | 0.005%        |
| 36        | 4.549       | 4.518        | 4.576      | VV       | 1141           | 19018        | 0.29%          | 0.010%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.584 | 4.576 | 4.601 | VV | 313    | 4102   | 0.06% | 0.002% |
| 38 | 4.619 | 4.601 | 4.652 | VV | 580    | 10668  | 0.16% | 0.005% |
| 39 | 4.674 | 4.652 | 4.690 | VV | 184    | 2170   | 0.03% | 0.001% |
| 40 | 4.725 | 4.690 | 4.743 | PV | 422    | 7555   | 0.12% | 0.004% |
| 41 | 4.760 | 4.743 | 4.813 | VV | 797    | 19554  | 0.30% | 0.010% |
| 42 | 4.832 | 4.813 | 4.846 | VV | 1372   | 14152  | 0.22% | 0.007% |
| 43 | 4.856 | 4.846 | 4.871 | VV | 783    | 8843   | 0.14% | 0.004% |
| 44 | 4.892 | 4.871 | 4.901 | VV | 825    | 11657  | 0.18% | 0.006% |
| 45 | 4.911 | 4.901 | 4.931 | VV | 850    | 10213  | 0.16% | 0.005% |
| 46 | 4.956 | 4.931 | 4.972 | VV | 666    | 10974  | 0.17% | 0.005% |
| 47 | 4.990 | 4.972 | 5.027 | VV | 1073   | 23372  | 0.36% | 0.012% |
| 48 | 5.060 | 5.027 | 5.102 | VV | 3025   | 50035  | 0.77% | 0.025% |
| 49 | 5.125 | 5.102 | 5.147 | VV | 499    | 10679  | 0.16% | 0.005% |
| 50 | 5.163 | 5.147 | 5.181 | VV | 621    | 7725   | 0.12% | 0.004% |
| 51 | 5.230 | 5.181 | 5.245 | VV | 1176   | 19755  | 0.30% | 0.010% |
| 52 | 5.259 | 5.245 | 5.284 | VV | 1065   | 14155  | 0.22% | 0.007% |
| 53 | 5.303 | 5.284 | 5.315 | VV | 1218   | 14257  | 0.22% | 0.007% |
| 54 | 5.330 | 5.315 | 5.361 | VV | 1389   | 26776  | 0.41% | 0.013% |
| 55 | 5.369 | 5.361 | 5.405 | VV | 1137   | 16953  | 0.26% | 0.008% |
| 56 | 5.436 | 5.405 | 5.446 | PV | 407    | 6419   | 0.10% | 0.003% |
| 57 | 5.467 | 5.446 | 5.482 | VV | 1056   | 15385  | 0.24% | 0.008% |
| 58 | 5.493 | 5.482 | 5.511 | VV | 916    | 12720  | 0.20% | 0.006% |
| 59 | 5.531 | 5.511 | 5.545 | VV | 1573   | 21169  | 0.33% | 0.011% |
| 60 | 5.566 | 5.545 | 5.580 | VV | 1443   | 23524  | 0.36% | 0.012% |
| 61 | 5.590 | 5.580 | 5.604 | VV | 1010   | 11463  | 0.18% | 0.006% |
| 62 | 5.627 | 5.604 | 5.645 | VV | 1131   | 18911  | 0.29% | 0.009% |
| 63 | 5.658 | 5.645 | 5.672 | VV | 789    | 7497   | 0.12% | 0.004% |
| 64 | 5.701 | 5.672 | 5.795 | VV | 6818   | 118271 | 1.82% | 0.059% |
| 65 | 5.814 | 5.795 | 5.831 | VV | 584    | 6827   | 0.10% | 0.003% |
| 66 | 5.842 | 5.831 | 5.849 | VV | 357    | 2801   | 0.04% | 0.001% |
| 67 | 5.871 | 5.849 | 5.908 | VV | 4753   | 57190  | 0.88% | 0.029% |
| 68 | 5.927 | 5.908 | 5.938 | VV | 608    | 8782   | 0.13% | 0.004% |
| 69 | 5.955 | 5.938 | 5.971 | VV | 1945   | 19212  | 0.29% | 0.010% |
| 70 | 5.994 | 5.971 | 6.036 | VV | 2313   | 52552  | 0.81% | 0.026% |
| 71 | 6.054 | 6.036 | 6.066 | PV | 925    | 9500   | 0.15% | 0.005% |
| 72 | 6.095 | 6.066 | 6.135 | VV | 1861   | 43375  | 0.67% | 0.022% |
| 73 | 6.171 | 6.135 | 6.185 | VV | 1694   | 25364  | 0.39% | 0.013% |
| 74 | 6.199 | 6.185 | 6.207 | VV | 1310   | 13210  | 0.20% | 0.007% |
| 75 | 6.221 | 6.207 | 6.242 | VV | 1795   | 26766  | 0.41% | 0.013% |
| 76 | 6.255 | 6.242 | 6.290 | VV | 1096   | 26685  | 0.41% | 0.013% |
| 77 | 6.313 | 6.290 | 6.338 | VV | 2873   | 49764  | 0.76% | 0.025% |
| 78 | 6.365 | 6.338 | 6.387 | VV | 1760   | 24777  | 0.38% | 0.012% |
| 79 | 6.409 | 6.387 | 6.417 | VV | 1914   | 22361  | 0.34% | 0.011% |
| 80 | 6.451 | 6.417 | 6.481 | VV | 2810   | 75867  | 1.16% | 0.038% |
| 81 | 6.515 | 6.481 | 6.528 | VV | 1984   | 45667  | 0.70% | 0.023% |
| 82 | 6.544 | 6.528 | 6.572 | VV | 2771   | 43353  | 0.67% | 0.022% |
| 83 | 6.595 | 6.572 | 6.621 | VV | 1702   | 37659  | 0.58% | 0.019% |
| 84 | 6.644 | 6.621 | 6.705 | VV | 2530   | 94091  | 1.44% | 0.047% |
| 85 | 6.724 | 6.705 | 6.791 | VV | 4028   | 87310  | 1.34% | 0.044% |
| 86 | 6.812 | 6.791 | 6.829 | VV | 1723   | 25708  | 0.39% | 0.013% |
| 87 | 6.847 | 6.829 | 6.859 | VV | 2238   | 27463  | 0.42% | 0.014% |
| 88 | 6.876 | 6.859 | 6.902 | VV | 4152   | 70608  | 1.08% | 0.035% |
| 89 | 6.913 | 6.902 | 6.942 | VV | 2252   | 42810  | 0.66% | 0.021% |

|     |       |       |       |    |        |        |       |        |
|-----|-------|-------|-------|----|--------|--------|-------|--------|
|     |       |       |       |    | rteres |        |       |        |
| 90  | 6.985 | 6.942 | 6.999 | VV | 2838   | 56965  | 0.87% | 0.028% |
| 91  | 7.012 | 6.999 | 7.034 | VV | 2617   | 37494  | 0.58% | 0.019% |
| 92  | 7.052 | 7.034 | 7.076 | VV | 2478   | 44338  | 0.68% | 0.022% |
| 93  | 7.087 | 7.076 | 7.100 | VV | 1644   | 17571  | 0.27% | 0.009% |
| 94  | 7.136 | 7.100 | 7.164 | VV | 3461   | 77945  | 1.20% | 0.039% |
| 95  | 7.178 | 7.164 | 7.202 | VV | 2074   | 38965  | 0.60% | 0.019% |
| 96  | 7.257 | 7.202 | 7.278 | VV | 4340   | 119614 | 1.84% | 0.060% |
| 97  | 7.299 | 7.278 | 7.325 | VV | 4526   | 75893  | 1.17% | 0.038% |
| 98  | 7.349 | 7.325 | 7.363 | VV | 2888   | 52378  | 0.80% | 0.026% |
| 99  | 7.375 | 7.363 | 7.423 | VV | 2810   | 77124  | 1.18% | 0.039% |
| 100 | 7.446 | 7.423 | 7.484 | VV | 6448   | 123904 | 1.90% | 0.062% |
| 101 | 7.516 | 7.484 | 7.530 | VV | 3342   | 64948  | 1.00% | 0.032% |
| 102 | 7.545 | 7.530 | 7.563 | VV | 3212   | 46087  | 0.71% | 0.023% |
| 103 | 7.577 | 7.563 | 7.596 | VV | 2078   | 32246  | 0.50% | 0.016% |
| 104 | 7.673 | 7.596 | 7.700 | VV | 9971   | 252266 | 3.87% | 0.126% |
| 105 | 7.720 | 7.700 | 7.744 | VV | 3550   | 75148  | 1.15% | 0.038% |
| 106 | 7.758 | 7.744 | 7.787 | VV | 3420   | 62000  | 0.95% | 0.031% |
| 107 | 7.800 | 7.787 | 7.818 | VV | 1755   | 28090  | 0.43% | 0.014% |
| 108 | 7.850 | 7.818 | 7.888 | VV | 6463   | 149816 | 2.30% | 0.075% |
| 109 | 7.905 | 7.888 | 7.926 | VV | 3231   | 50568  | 0.78% | 0.025% |
| 110 | 8.107 | 8.087 | 8.136 | VV | 7717   | 192929 | 2.96% | 0.096% |
| 111 | 8.151 | 8.136 | 8.172 | VV | 6051   | 117392 | 1.80% | 0.059% |
| 112 | 8.199 | 8.172 | 8.222 | VV | 5682   | 135621 | 2.08% | 0.068% |
| 113 | 8.247 | 8.222 | 8.267 | VV | 6015   | 116896 | 1.79% | 0.058% |
| 114 | 8.289 | 8.267 | 8.302 | VV | 7206   | 109191 | 1.68% | 0.055% |
| 115 | 8.311 | 8.302 | 8.354 | VV | 6450   | 130217 | 2.00% | 0.065% |
| 116 | 8.374 | 8.354 | 8.410 | VV | 8226   | 163502 | 2.51% | 0.082% |
| 117 | 8.424 | 8.410 | 8.447 | VV | 4242   | 77166  | 1.18% | 0.039% |
| 118 | 8.466 | 8.447 | 8.480 | VV | 4747   | 70645  | 1.08% | 0.035% |
| 119 | 8.496 | 8.480 | 8.512 | VV | 5092   | 82341  | 1.26% | 0.041% |
| 120 | 8.555 | 8.512 | 8.585 | VV | 15734  | 322996 | 4.96% | 0.162% |
| 121 | 8.599 | 8.585 | 8.620 | VV | 5341   | 86177  | 1.32% | 0.043% |
| 122 | 8.669 | 8.620 | 8.687 | VV | 4498   | 151840 | 2.33% | 0.076% |
| 123 | 8.714 | 8.687 | 8.735 | VV | 6406   | 134533 | 2.07% | 0.067% |
| 124 | 8.747 | 8.735 | 8.760 | VV | 4754   | 58648  | 0.90% | 0.029% |
| 125 | 8.780 | 8.760 | 8.820 | VV | 6872   | 152631 | 2.34% | 0.076% |
| 126 | 8.975 | 8.965 | 8.994 | VV | 10802  | 175450 | 2.69% | 0.088% |
| 127 | 9.009 | 8.994 | 9.033 | VV | 9976   | 198469 | 3.05% | 0.099% |
| 128 | 9.048 | 9.033 | 9.065 | VV | 8161   | 138956 | 2.13% | 0.069% |
| 129 | 9.096 | 9.065 | 9.128 | VV | 14424  | 312688 | 4.80% | 0.156% |
| 130 | 9.149 | 9.128 | 9.162 | VV | 5744   | 103648 | 1.59% | 0.052% |
| 131 | 9.174 | 9.162 | 9.194 | VV | 5377   | 88162  | 1.35% | 0.044% |
| 132 | 9.221 | 9.194 | 9.236 | VV | 5604   | 114761 | 1.76% | 0.057% |
| 133 | 9.245 | 9.236 | 9.271 | VV | 5198   | 91761  | 1.41% | 0.046% |
| 134 | 9.320 | 9.271 | 9.346 | VV | 4939   | 183646 | 2.82% | 0.092% |
| 135 | 9.386 | 9.346 | 9.419 | VV | 21996  | 369339 | 5.67% | 0.185% |
| 136 | 9.433 | 9.419 | 9.452 | VV | 4828   | 80765  | 1.24% | 0.040% |
| 137 | 9.469 | 9.452 | 9.500 | VV | 4614   | 97560  | 1.50% | 0.049% |
| 138 | 9.518 | 9.500 | 9.530 | VV | 3132   | 50775  | 0.78% | 0.025% |
| 139 | 9.544 | 9.530 | 9.567 | VV | 3442   | 59686  | 0.92% | 0.030% |
| 140 | 9.590 | 9.567 | 9.605 | VV | 4111   | 65589  | 1.01% | 0.033% |
| 141 | 9.619 | 9.605 | 9.653 | VV | 3797   | 80769  | 1.24% | 0.040% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 9.682  | 9.653  | 9.710  | VV | 3847   | 103799  | 1.59%  | 0.052% |
| 143 | 9.724  | 9.710  | 9.738  | VV | 2824   | 41441   | 0.64%  | 0.021% |
| 144 | 9.762  | 9.738  | 9.819  | VV | 6090   | 198168  | 3.04%  | 0.099% |
| 145 | 9.846  | 9.819  | 9.871  | VV | 6369   | 132183  | 2.03%  | 0.066% |
|     |        |        |        |    |        |         |        |        |
| 146 | 9.892  | 9.871  | 9.909  | VV | 4761   | 78966   | 1.21%  | 0.039% |
| 147 | 9.922  | 9.909  | 9.933  | VV | 3805   | 44473   | 0.68%  | 0.022% |
| 148 | 9.947  | 9.933  | 9.969  | VV | 4614   | 71709   | 1.10%  | 0.036% |
| 149 | 10.002 | 9.969  | 10.041 | VV | 2452   | 84527   | 1.30%  | 0.042% |
| 150 | 10.074 | 10.041 | 10.104 | VV | 6062   | 165369  | 2.54%  | 0.083% |
|     |        |        |        |    |        |         |        |        |
| 151 | 10.121 | 10.104 | 10.146 | VV | 6115   | 124337  | 1.91%  | 0.062% |
| 152 | 10.168 | 10.146 | 10.262 | VV | 25152  | 425587  | 6.53%  | 0.213% |
| 153 | 10.273 | 10.262 | 10.319 | VV | 2283   | 54512   | 0.84%  | 0.027% |
| 154 | 10.348 | 10.319 | 10.394 | VV | 2130   | 67248   | 1.03%  | 0.034% |
| 155 | 10.402 | 10.394 | 10.427 | VV | 1293   | 19884   | 0.31%  | 0.010% |
|     |        |        |        |    |        |         |        |        |
| 156 | 10.443 | 10.427 | 10.461 | VV | 1518   | 20910   | 0.32%  | 0.010% |
| 157 | 10.516 | 10.461 | 10.531 | VV | 4109   | 76902   | 1.18%  | 0.038% |
| 158 | 10.557 | 10.531 | 10.587 | VV | 11968  | 194170  | 2.98%  | 0.097% |
| 159 | 10.612 | 10.587 | 10.628 | VV | 3094   | 58457   | 0.90%  | 0.029% |
| 160 | 10.647 | 10.628 | 10.675 | VV | 4383   | 75854   | 1.16%  | 0.038% |
|     |        |        |        |    |        |         |        |        |
| 161 | 10.703 | 10.675 | 10.737 | VV | 5401   | 91390   | 1.40%  | 0.046% |
| 162 | 10.836 | 10.737 | 10.859 | VV | 2515   | 112722  | 1.73%  | 0.056% |
| 163 | 10.909 | 10.859 | 10.950 | VV | 24294  | 339217  | 5.21%  | 0.170% |
| 164 | 10.981 | 10.950 | 11.089 | VV | 14571  | 299988  | 4.61%  | 0.150% |
| 165 | 11.134 | 11.089 | 11.147 | VV | 1381   | 30756   | 0.47%  | 0.015% |
|     |        |        |        |    |        |         |        |        |
| 166 | 11.160 | 11.147 | 11.170 | VV | 1254   | 16323   | 0.25%  | 0.008% |
| 167 | 11.195 | 11.170 | 11.220 | VV | 6394   | 123495  | 1.90%  | 0.062% |
| 168 | 11.233 | 11.220 | 11.268 | VV | 4002   | 96306   | 1.48%  | 0.048% |
| 169 | 11.304 | 11.268 | 11.345 | VV | 5281   | 154497  | 2.37%  | 0.077% |
| 170 | 11.365 | 11.345 | 11.404 | VV | 2914   | 57158   | 0.88%  | 0.029% |
|     |        |        |        |    |        |         |        |        |
| 171 | 11.417 | 11.404 | 11.461 | VV | 2186   | 35625   | 0.55%  | 0.018% |
| 172 | 11.486 | 11.461 | 11.518 | VV | 1016   | 21491   | 0.33%  | 0.011% |
| 173 | 11.549 | 11.518 | 11.568 | VV | 1546   | 31798   | 0.49%  | 0.016% |
| 174 | 11.614 | 11.568 | 11.661 | VV | 21437  | 294828  | 4.53%  | 0.147% |
| 175 | 11.666 | 11.661 | 11.677 | VV | 1557   | 13932   | 0.21%  | 0.007% |
|     |        |        |        |    |        |         |        |        |
| 176 | 11.706 | 11.677 | 11.758 | VV | 10180  | 167939  | 2.58%  | 0.084% |
| 177 | 11.774 | 11.758 | 11.795 | VV | 921    | 14530   | 0.22%  | 0.007% |
| 178 | 11.813 | 11.795 | 11.826 | PV | 624    | 6742    | 0.10%  | 0.003% |
| 179 | 11.833 | 11.826 | 11.838 | VV | 429    | 2519    | 0.04%  | 0.001% |
| 180 | 11.873 | 11.838 | 11.884 | VV | 1181   | 23686   | 0.36%  | 0.012% |
|     |        |        |        |    |        |         |        |        |
| 181 | 11.939 | 11.884 | 11.983 | VV | 449159 | 4990567 | 76.62% | 2.496% |
| 182 | 12.006 | 11.983 | 12.031 | VV | 4711   | 104869  | 1.61%  | 0.052% |
| 183 | 12.049 | 12.031 | 12.078 | VV | 3390   | 73013   | 1.12%  | 0.037% |
| 184 | 12.107 | 12.078 | 12.157 | VV | 4511   | 127794  | 1.96%  | 0.064% |
| 185 | 12.176 | 12.157 | 12.210 | VV | 2446   | 55930   | 0.86%  | 0.028% |
|     |        |        |        |    |        |         |        |        |
| 186 | 12.229 | 12.210 | 12.241 | VV | 1084   | 17985   | 0.28%  | 0.009% |
| 187 | 12.286 | 12.241 | 12.316 | VV | 18704  | 274552  | 4.22%  | 0.137% |
| 188 | 12.342 | 12.316 | 12.376 | VV | 2473   | 60642   | 0.93%  | 0.030% |
| 189 | 12.395 | 12.376 | 12.460 | VV | 1916   | 52903   | 0.81%  | 0.026% |
| 190 | 12.489 | 12.460 | 12.521 | PV | 1431   | 35743   | 0.55%  | 0.018% |
|     |        |        |        |    |        |         |        |        |
| 191 | 12.553 | 12.521 | 12.633 | VV | 6247   | 167800  | 2.58%  | 0.084% |
| 192 | 12.668 | 12.633 | 12.688 | VV | 3199   | 70214   | 1.08%  | 0.035% |
| 193 | 12.699 | 12.688 | 12.731 | VV | 2539   | 41867   | 0.64%  | 0.021% |
| 194 | 12.752 | 12.731 | 12.767 | VV | 1908   | 28111   | 0.43%  | 0.014% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.787 | 12.767 | 12.828 | VV | 1797   | 41313   | 0.63%  | 0.021% |
| 196 | 12.893 | 12.828 | 12.906 | VV | 4700   | 90701   | 1.39%  | 0.045% |
| 197 | 12.927 | 12.906 | 12.977 | VV | 17703  | 262346  | 4.03%  | 0.131% |
| 198 | 13.015 | 12.977 | 13.097 | VV | 19567  | 371256  | 5.70%  | 0.186% |
| 199 | 13.134 | 13.097 | 13.157 | VV | 1274   | 24373   | 0.37%  | 0.012% |
| 200 | 13.178 | 13.157 | 13.191 | VV | 1323   | 20210   | 0.31%  | 0.010% |
| 201 | 13.208 | 13.191 | 13.234 | VV | 1891   | 38467   | 0.59%  | 0.019% |
| 202 | 13.252 | 13.234 | 13.274 | VV | 1583   | 22775   | 0.35%  | 0.011% |
| 203 | 13.315 | 13.274 | 13.346 | PV | 19573  | 345593  | 5.31%  | 0.173% |
| 204 | 13.377 | 13.346 | 13.405 | VV | 274736 | 3317897 | 50.94% | 1.659% |
| 205 | 13.419 | 13.405 | 13.469 | VV | 11439  | 207189  | 3.18%  | 0.104% |
| 206 | 13.485 | 13.469 | 13.513 | VV | 2031   | 45929   | 0.71%  | 0.023% |
| 207 | 13.542 | 13.513 | 13.564 | VV | 12274  | 166222  | 2.55%  | 0.083% |
| 208 | 13.589 | 13.564 | 13.624 | VV | 3151   | 82576   | 1.27%  | 0.041% |
| 209 | 13.644 | 13.624 | 13.687 | VV | 2815   | 57261   | 0.88%  | 0.029% |
| 210 | 13.704 | 13.687 | 13.718 | VV | 1376   | 14784   | 0.23%  | 0.007% |
| 211 | 13.732 | 13.718 | 13.747 | VV | 701    | 9958    | 0.15%  | 0.005% |
| 212 | 13.776 | 13.747 | 13.795 | VV | 2499   | 42816   | 0.66%  | 0.021% |
| 213 | 13.814 | 13.795 | 13.832 | VV | 1963   | 29717   | 0.46%  | 0.015% |
| 214 | 13.847 | 13.832 | 13.870 | VV | 1069   | 14523   | 0.22%  | 0.007% |
| 215 | 13.925 | 13.870 | 13.951 | PV | 2659   | 82478   | 1.27%  | 0.041% |
| 216 | 13.967 | 13.951 | 14.004 | VV | 1903   | 31146   | 0.48%  | 0.016% |
| 217 | 14.024 | 14.004 | 14.044 | VV | 2432   | 36542   | 0.56%  | 0.018% |
| 218 | 14.083 | 14.044 | 14.105 | VV | 3224   | 76296   | 1.17%  | 0.038% |
| 219 | 14.130 | 14.105 | 14.170 | VV | 11313  | 178445  | 2.74%  | 0.089% |
| 220 | 14.185 | 14.170 | 14.209 | VV | 3647   | 50710   | 0.78%  | 0.025% |
| 221 | 14.227 | 14.209 | 14.241 | VV | 1314   | 19008   | 0.29%  | 0.010% |
| 222 | 14.273 | 14.241 | 14.305 | VV | 1448   | 36065   | 0.55%  | 0.018% |
| 223 | 14.354 | 14.305 | 14.384 | PV | 2229   | 42479   | 0.65%  | 0.021% |
| 224 | 14.416 | 14.384 | 14.424 | VV | 745    | 12237   | 0.19%  | 0.006% |
| 225 | 14.446 | 14.424 | 14.469 | VV | 1142   | 12706   | 0.20%  | 0.006% |
| 226 | 14.543 | 14.469 | 14.583 | PV | 3830   | 111016  | 1.70%  | 0.056% |
| 227 | 14.642 | 14.583 | 14.665 | VV | 5049   | 90080   | 1.38%  | 0.045% |
| 228 | 14.694 | 14.665 | 14.718 | VV | 8112   | 103774  | 1.59%  | 0.052% |
| 229 | 14.758 | 14.718 | 14.780 | VV | 4521   | 82849   | 1.27%  | 0.041% |
| 230 | 14.819 | 14.780 | 14.874 | VV | 2325   | 86141   | 1.32%  | 0.043% |
| 231 | 14.892 | 14.874 | 14.933 | PV | 2731   | 54420   | 0.84%  | 0.027% |
| 232 | 14.955 | 14.933 | 14.992 | VV | 2631   | 47316   | 0.73%  | 0.024% |
| 233 | 15.008 | 14.992 | 15.029 | VV | 1750   | 24531   | 0.38%  | 0.012% |
| 234 | 15.050 | 15.029 | 15.068 | PV | 1610   | 19516   | 0.30%  | 0.010% |
| 235 | 15.100 | 15.068 | 15.144 | PV | 1556   | 43572   | 0.67%  | 0.022% |
| 236 | 15.178 | 15.144 | 15.191 | VV | 2757   | 38670   | 0.59%  | 0.019% |
| 237 | 15.212 | 15.191 | 15.221 | VV | 6942   | 79934   | 1.23%  | 0.040% |
| 238 | 15.241 | 15.221 | 15.304 | VV | 10519  | 275504  | 4.23%  | 0.138% |
| 239 | 15.337 | 15.304 | 15.353 | VV | 3822   | 68780   | 1.06%  | 0.034% |
| 240 | 15.369 | 15.353 | 15.397 | VV | 3954   | 58140   | 0.89%  | 0.029% |
| 241 | 15.425 | 15.397 | 15.464 | VV | 2911   | 64040   | 0.98%  | 0.032% |
| 242 | 15.487 | 15.464 | 15.497 | VV | 634    | 9396    | 0.14%  | 0.005% |
| 243 | 15.566 | 15.497 | 15.596 | PV | 2110   | 71184   | 1.09%  | 0.036% |
| 244 | 15.627 | 15.596 | 15.654 | VV | 10941  | 186945  | 2.87%  | 0.093% |
| 245 | 15.667 | 15.654 | 15.733 | VV | 4445   | 101908  | 1.56%  | 0.051% |
| 246 | 15.758 | 15.733 | 15.808 | VV | 7312   | 130693  | 2.01%  | 0.065% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 15.830 | 15.808 | 15.858 | VV | 3258   | 46482   | 0.71%  | 0.023% |
| 248 | 15.891 | 15.858 | 15.914 | PV | 5790   | 106019  | 1.63%  | 0.053% |
| 249 | 15.929 | 15.914 | 15.948 | VV | 1162   | 19084   | 0.29%  | 0.010% |
| 250 | 15.982 | 15.948 | 15.998 | VV | 2978   | 27810   | 0.43%  | 0.014% |
| 251 | 16.019 | 15.998 | 16.054 | PV | 2967   | 65157   | 1.00%  | 0.033% |
| 252 | 16.079 | 16.054 | 16.106 | VV | 2260   | 48567   | 0.75%  | 0.024% |
| 253 | 16.171 | 16.106 | 16.188 | VV | 2705   | 55409   | 0.85%  | 0.028% |
| 254 | 16.229 | 16.188 | 16.240 | VV | 3132   | 62036   | 0.95%  | 0.031% |
| 255 | 16.260 | 16.240 | 16.311 | VV | 7838   | 170347  | 2.62%  | 0.085% |
| 256 | 16.325 | 16.311 | 16.371 | VV | 4022   | 84334   | 1.29%  | 0.042% |
| 257 | 16.413 | 16.371 | 16.422 | VV | 1215   | 27194   | 0.42%  | 0.014% |
| 258 | 16.463 | 16.422 | 16.499 | PV | 4552   | 119160  | 1.83%  | 0.060% |
| 259 | 16.567 | 16.499 | 16.578 | VV | 5083   | 144685  | 2.22%  | 0.072% |
| 260 | 16.590 | 16.578 | 16.608 | VV | 4091   | 55886   | 0.86%  | 0.028% |
| 261 | 16.671 | 16.608 | 16.687 | VV | 4266   | 126538  | 1.94%  | 0.063% |
| 262 | 16.700 | 16.687 | 16.720 | VV | 3213   | 51862   | 0.80%  | 0.026% |
| 263 | 16.748 | 16.720 | 16.760 | VV | 10817  | 157023  | 2.41%  | 0.079% |
| 264 | 16.776 | 16.760 | 16.798 | VV | 12651  | 211063  | 3.24%  | 0.106% |
| 265 | 16.810 | 16.798 | 16.854 | VV | 7424   | 211153  | 3.24%  | 0.106% |
| 266 | 16.907 | 16.854 | 16.929 | VV | 9364   | 315349  | 4.84%  | 0.158% |
| 267 | 16.963 | 16.929 | 17.004 | VV | 8954   | 292776  | 4.50%  | 0.146% |
| 268 | 17.062 | 17.004 | 17.081 | VV | 7457   | 262856  | 4.04%  | 0.131% |
| 269 | 17.102 | 17.081 | 17.143 | VV | 12110  | 267612  | 4.11%  | 0.134% |
| 270 | 17.169 | 17.143 | 17.188 | VV | 11458  | 240807  | 3.70%  | 0.120% |
| 271 | 17.213 | 17.188 | 17.261 | VV | 19938  | 657569  | 10.10% | 0.329% |
| 272 | 17.272 | 17.261 | 17.298 | VV | 15216  | 246415  | 3.78%  | 0.123% |
| 273 | 17.311 | 17.298 | 17.324 | VV | 10703  | 140132  | 2.15%  | 0.070% |
| 274 | 17.345 | 17.324 | 17.357 | VV | 7137   | 134233  | 2.06%  | 0.067% |
| 275 | 17.390 | 17.357 | 17.411 | VV | 11781  | 306180  | 4.70%  | 0.153% |
| 276 | 17.463 | 17.411 | 17.489 | VV | 14271  | 530303  | 8.14%  | 0.265% |
| 277 | 17.534 | 17.489 | 17.561 | VV | 17251  | 560764  | 8.61%  | 0.280% |
| 278 | 17.633 | 17.561 | 17.648 | VV | 19955  | 779568  | 11.97% | 0.390% |
| 279 | 17.664 | 17.648 | 17.690 | VV | 26312  | 517799  | 7.95%  | 0.259% |
| 280 | 17.710 | 17.690 | 17.724 | VV | 17579  | 315898  | 4.85%  | 0.158% |
| 281 | 17.736 | 17.724 | 17.758 | VV | 16430  | 288622  | 4.43%  | 0.144% |
| 282 | 17.780 | 17.758 | 17.818 | VV | 22673  | 569567  | 8.74%  | 0.285% |
| 283 | 17.844 | 17.818 | 17.906 | VV | 18955  | 804772  | 12.36% | 0.402% |
| 284 | 17.951 | 17.906 | 17.981 | VV | 16004  | 630567  | 9.68%  | 0.315% |
| 285 | 18.012 | 17.981 | 18.034 | VV | 20194  | 571925  | 8.78%  | 0.286% |
| 286 | 18.051 | 18.034 | 18.060 | VV | 21056  | 312241  | 4.79%  | 0.156% |
| 287 | 18.105 | 18.060 | 18.138 | VV | 50037  | 1346263 | 20.67% | 0.673% |
| 288 | 18.153 | 18.138 | 18.180 | VV | 22648  | 490244  | 7.53%  | 0.245% |
| 289 | 18.251 | 18.180 | 18.339 | VV | 52790  | 2564769 | 39.38% | 1.283% |
| 290 | 18.353 | 18.339 | 18.368 | VV | 22643  | 367448  | 5.64%  | 0.184% |
| 291 | 18.466 | 18.368 | 18.499 | VV | 33494  | 2100600 | 32.25% | 1.051% |
| 292 | 18.528 | 18.499 | 18.552 | VV | 52840  | 1182841 | 18.16% | 0.592% |
| 293 | 18.576 | 18.552 | 18.583 | VV | 32543  | 567156  | 8.71%  | 0.284% |
| 294 | 18.621 | 18.583 | 18.680 | VV | 57221  | 2199224 | 33.77% | 1.100% |
| 295 | 18.701 | 18.680 | 18.715 | VV | 32988  | 638928  | 9.81%  | 0.320% |
| 296 | 18.761 | 18.715 | 18.777 | VV | 33886  | 1173811 | 18.02% | 0.587% |
| 297 | 18.811 | 18.777 | 18.873 | VV | 39245  | 1950465 | 29.95% | 0.975% |
| 298 | 18.941 | 18.873 | 18.985 | VV | 76505  | 2913441 | 44.73% | 1.457% |
| 299 | 19.005 | 18.985 | 19.016 | VV | 36243  | 654731  | 10.05% | 0.327% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 300 | 19.045 | 19.016 | 19.071 | VV | 61793  | 1550073 | 23.80%  | 0.775% |
| 301 | 19.095 | 19.071 | 19.121 | VV | 57942  | 1454801 | 22.34%  | 0.728% |
| 302 | 19.148 | 19.121 | 19.184 | VV | 42424  | 1555115 | 23.88%  | 0.778% |
| 303 | 19.201 | 19.184 | 19.210 | VV | 47501  | 713760  | 10.96%  | 0.357% |
| 304 | 19.226 | 19.210 | 19.238 | VV | 48925  | 772367  | 11.86%  | 0.386% |
| 305 | 19.249 | 19.238 | 19.269 | VV | 47543  | 839790  | 12.89%  | 0.420% |
| 306 | 19.340 | 19.269 | 19.362 | VV | 85679  | 3151758 | 48.39%  | 1.576% |
| 307 | 19.380 | 19.362 | 19.401 | VV | 62714  | 1329258 | 20.41%  | 0.665% |
| 308 | 19.447 | 19.401 | 19.467 | VV | 61982  | 2097594 | 32.21%  | 1.049% |
| 309 | 19.489 | 19.467 | 19.504 | VV | 53222  | 1162388 | 17.85%  | 0.581% |
| 310 | 19.535 | 19.504 | 19.543 | VV | 56387  | 1240264 | 19.04%  | 0.620% |
| 311 | 19.561 | 19.543 | 19.574 | VV | 57034  | 1008690 | 15.49%  | 0.504% |
| 312 | 19.613 | 19.574 | 19.624 | VV | 58256  | 1689448 | 25.94%  | 0.845% |
| 313 | 19.638 | 19.624 | 19.675 | VV | 59599  | 1743726 | 26.77%  | 0.872% |
| 314 | 19.685 | 19.675 | 19.691 | VV | 59608  | 552563  | 8.48%   | 0.276% |
| 315 | 19.728 | 19.691 | 19.748 | VV | 96039  | 2592884 | 39.81%  | 1.297% |
| 316 | 19.758 | 19.748 | 19.806 | VV | 75492  | 2297428 | 35.27%  | 1.149% |
| 317 | 19.854 | 19.806 | 19.882 | VV | 77703  | 3086716 | 47.39%  | 1.544% |
| 318 | 19.903 | 19.882 | 19.911 | VV | 69754  | 1147922 | 17.62%  | 0.574% |
| 319 | 19.926 | 19.911 | 19.948 | VV | 70751  | 1508081 | 23.15%  | 0.754% |
| 320 | 19.982 | 19.948 | 20.048 | VV | 78318  | 4467947 | 68.60%  | 2.234% |
| 321 | 20.104 | 20.048 | 20.128 | VV | 118067 | 4340706 | 66.65%  | 2.171% |
| 322 | 20.153 | 20.128 | 20.191 | VV | 91164  | 3219934 | 49.44%  | 1.610% |
| 323 | 20.206 | 20.191 | 20.217 | VV | 84497  | 1309078 | 20.10%  | 0.655% |
| 324 | 20.229 | 20.217 | 20.237 | VV | 85377  | 974945  | 14.97%  | 0.488% |
| 325 | 20.264 | 20.237 | 20.291 | VV | 92518  | 2864943 | 43.99%  | 1.433% |
| 326 | 20.382 | 20.291 | 20.405 | VV | 110609 | 6513150 | 100.00% | 3.257% |
| 327 | 20.414 | 20.405 | 20.441 | VV | 98270  | 2080927 | 31.95%  | 1.041% |
| 328 | 20.470 | 20.441 | 20.508 | VV | 130746 | 4383925 | 67.31%  | 2.192% |
| 329 | 20.540 | 20.508 | 20.567 | VV | 112781 | 3779020 | 58.02%  | 1.890% |
| 330 | 20.620 | 20.567 | 20.653 | VV | 113984 | 5610025 | 86.13%  | 2.806% |
| 331 | 20.679 | 20.653 | 20.704 | VV | 121384 | 3541381 | 54.37%  | 1.771% |
| 332 | 20.720 | 20.704 | 20.734 | VV | 113661 | 2010370 | 30.87%  | 1.005% |
| 333 | 20.746 | 20.734 | 20.796 | VV | 110933 | 3963497 | 60.85%  | 1.982% |
| 334 | 20.829 | 20.796 | 20.861 | VV | 131679 | 4545886 | 69.80%  | 2.273% |
| 335 | 20.877 | 20.861 | 20.923 | VV | 111350 | 3913124 | 60.08%  | 1.957% |
| 336 | 20.937 | 20.923 | 20.958 | VV | 108896 | 2156329 | 33.11%  | 1.078% |
| 337 | 20.969 | 20.958 | 21.048 | VV | 108138 | 5448798 | 83.66%  | 2.725% |
| 338 | 21.065 | 21.048 | 21.075 | VV | 100743 | 1606695 | 24.67%  | 0.804% |
| 339 | 21.082 | 21.075 | 21.100 | VV | 100081 | 1475489 | 22.65%  | 0.738% |
| 340 | 21.114 | 21.100 | 21.165 | VV | 98255  | 3591974 | 55.15%  | 1.796% |
| 341 | 21.175 | 21.165 | 21.181 | VV | 94679  | 907182  | 13.93%  | 0.454% |
| 342 | 21.195 | 21.181 | 21.200 | VV | 93893  | 1055514 | 16.21%  | 0.528% |
| 343 | 21.222 | 21.200 | 21.256 | VV | 108921 | 3219035 | 49.42%  | 1.610% |
| 344 | 21.297 | 21.256 | 21.314 | VV | 85279  | 2878740 | 44.20%  | 1.440% |
| 345 | 21.322 | 21.314 | 21.351 | VV | 82267  | 1725747 | 26.50%  | 0.863% |
| 346 | 21.381 | 21.351 | 21.394 | VV | 80369  | 2033673 | 31.22%  | 1.017% |
| 347 | 21.409 | 21.394 | 21.471 | VV | 78871  | 3512241 | 53.93%  | 1.756% |
| 348 | 21.482 | 21.471 | 21.510 | VV | 76699  | 1691776 | 25.97%  | 0.846% |
| 349 | 21.523 | 21.510 | 21.558 | VV | 72832  | 2034357 | 31.23%  | 1.017% |
| 350 | 21.571 | 21.558 | 21.613 | VV | 69573  | 2159082 | 33.15%  | 1.080% |
| 351 | 21.661 | 21.613 | 21.704 | VV | 75179  | 3624948 | 55.66%  | 1.813% |

|     |        |        |        |    |                         |         |           |        |
|-----|--------|--------|--------|----|-------------------------|---------|-----------|--------|
|     |        |        |        |    |                         | rters   |           |        |
| 352 | 21.732 | 21.704 | 21.741 | VV | 61214                   | 1298825 | 19.94%    | 0.650% |
| 353 | 21.760 | 21.741 | 21.781 | VV | 58083                   | 1349076 | 20.71%    | 0.675% |
| 354 | 21.806 | 21.781 | 21.862 | VV | 57538                   | 2511108 | 38.55%    | 1.256% |
| 355 | 21.874 | 21.862 | 21.888 | VV | 49928                   | 783543  | 12.03%    | 0.392% |
| 356 | 21.896 | 21.888 | 21.905 | VV | 48958                   | 486350  | 7.47%     | 0.243% |
| 357 | 21.916 | 21.905 | 21.954 | VV | 51261                   | 1376707 | 21.14%    | 0.689% |
| 358 | 21.963 | 21.954 | 21.975 | VV | 45044                   | 516806  | 7.93%     | 0.258% |
| 359 | 21.983 | 21.975 | 22.012 | VV | 42240                   | 910585  | 13.98%    | 0.455% |
| 360 | 22.052 | 22.012 | 22.084 | VV | 42741                   | 1657081 | 25.44%    | 0.829% |
| 361 | 22.092 | 22.084 | 22.121 | VV | 39815                   | 797636  | 12.25%    | 0.399% |
| 362 | 22.148 | 22.121 | 22.198 | VV | 45547                   | 1797440 | 27.60%    | 0.899% |
| 363 | 22.208 | 22.198 | 22.267 | VV | 33466                   | 1157552 | 17.77%    | 0.579% |
| 364 | 22.292 | 22.267 | 22.311 | VV | 28180                   | 626287  | 9.62%     | 0.313% |
| 365 | 22.330 | 22.311 | 22.378 | VV | 25270                   | 808397  | 12.41%    | 0.404% |
| 366 | 22.386 | 22.378 | 22.402 | VV | 20181                   | 235674  | 3.62%     | 0.118% |
| 367 | 22.415 | 22.402 | 22.431 | VV | 18756                   | 291309  | 4.47%     | 0.146% |
| 368 | 22.439 | 22.431 | 22.454 | VV | 17471                   | 233558  | 3.59%     | 0.117% |
| 369 | 22.464 | 22.454 | 22.484 | VV | 17621                   | 251015  | 3.85%     | 0.126% |
| 370 | 22.494 | 22.484 | 22.548 | VV | 16293                   | 451492  | 6.93%     | 0.226% |
| 371 | 22.573 | 22.548 | 22.598 | VV | 13730                   | 262969  | 4.04%     | 0.132% |
| 372 | 22.621 | 22.598 | 22.651 | VV | 8103                    | 187531  | 2.88%     | 0.094% |
| 373 | 22.661 | 22.651 | 22.681 | VV | 5278                    | 45480   | 0.70%     | 0.023% |
|     |        |        |        |    | Sum of corrected areas: |         | 199956958 |        |

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