

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE031225AL\  
 Data File : FE052769.D  
 Signal(s) : FID1B.ch  
 Acq On : 12 Mar 2025 17:09  
 Sample : Q1542-08  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 030325.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         | 2.881       | 2.805        | 2.928      | BV       | 255            | 4786         | 0.08%          | 0.004%        |
| 2         | 2.938       | 2.928        | 2.951      | VV       | 148            | 1397         | 0.02%          | 0.001%        |
| 3         | 2.981       | 2.951        | 3.035      | VV       | 370            | 8077         | 0.14%          | 0.007%        |
| 4         | 3.047       | 3.035        | 3.086      | VV       | 107            | 1649         | 0.03%          | 0.001%        |
| 5         | 3.111       | 3.086        | 3.165      | VV       | 234            | 6429         | 0.11%          | 0.005%        |
| 6         | 3.168       | 3.165        | 3.195      | VV       | 148            | 2044         | 0.04%          | 0.002%        |
| 7         | 3.203       | 3.195        | 3.218      | VV       | 177            | 1256         | 0.02%          | 0.001%        |
| 8         | 3.245       | 3.218        | 3.311      | PV       | 343            | 7751         | 0.14%          | 0.006%        |
| 9         | 3.324       | 3.311        | 3.348      | PV       | 75             | 879          | 0.02%          | 0.001%        |
| 10        | 3.381       | 3.348        | 3.408      | VV       | 149            | 3697         | 0.06%          | 0.003%        |
| 11        | 3.422       | 3.408        | 3.438      | VV       | 146            | 1626         | 0.03%          | 0.001%        |
| 12        | 3.461       | 3.438        | 3.511      | VV       | 174            | 5248         | 0.09%          | 0.004%        |
| 13        | 3.530       | 3.511        | 3.585      | VV       | 1992           | 32589        | 0.57%          | 0.027%        |
| 14        | 3.603       | 3.585        | 3.675      | VV       | 2896           | 34774        | 0.61%          | 0.029%        |
| 15        | 3.699       | 3.675        | 3.716      | VV       | 328            | 3770         | 0.07%          | 0.003%        |
| 16        | 3.739       | 3.716        | 3.751      | VV       | 1048           | 12837        | 0.22%          | 0.011%        |
| 17        | 3.754       | 3.751        | 3.775      | VV       | 940            | 7157         | 0.13%          | 0.006%        |
| 18        | 3.813       | 3.775        | 3.881      | VV       | 226            | 7968         | 0.14%          | 0.007%        |
| 19        | 3.884       | 3.881        | 3.944      | VV       | 82             | 1611         | 0.03%          | 0.001%        |
| 20        | 3.963       | 3.944        | 4.011      | VV       | 362            | 6062         | 0.11%          | 0.005%        |
| 21        | 4.019       | 4.011        | 4.031      | VV       | 92             | 572          | 0.01%          | 0.000%        |
| 22        | 4.057       | 4.031        | 4.206      | PV       | 12855          | 185405       | 3.24%          | 0.153%        |
| 23        | 4.230       | 4.206        | 4.258      | VV       | 359            | 7379         | 0.13%          | 0.006%        |
| 24        | 4.295       | 4.258        | 4.331      | VV       | 1837           | 29483        | 0.52%          | 0.024%        |
| 25        | 4.339       | 4.331        | 4.355      | VV       | 241            | 2567         | 0.04%          | 0.002%        |
| 26        | 4.375       | 4.355        | 4.397      | VV       | 191            | 3214         | 0.06%          | 0.003%        |
| 27        | 4.407       | 4.397        | 4.437      | VV       | 153            | 2333         | 0.04%          | 0.002%        |
| 28        | 4.450       | 4.437        | 4.485      | VV       | 138            | 1564         | 0.03%          | 0.001%        |
| 29        | 4.512       | 4.485        | 4.570      | PV       | 620            | 16409        | 0.29%          | 0.014%        |
| 30        | 4.589       | 4.570        | 4.606      | VV       | 680            | 10086        | 0.18%          | 0.008%        |
| 31        | 4.620       | 4.606        | 4.658      | VV       | 740            | 11376        | 0.20%          | 0.009%        |
| 32        | 4.685       | 4.658        | 4.713      | VV       | 2735           | 52727        | 0.92%          | 0.043%        |
| 33        | 4.729       | 4.713        | 4.819      | VV       | 2539           | 77798        | 1.36%          | 0.064%        |
| 34        | 4.827       | 4.819        | 4.864      | VV       | 710            | 16238        | 0.28%          | 0.013%        |
| 35        | 4.888       | 4.864        | 4.971      | VV       | 831            | 35548        | 0.62%          | 0.029%        |
| 36        | 4.985       | 4.971        | 5.004      | VV       | 525            | 8955         | 0.16%          | 0.007%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.017 | 5.004 | 5.045 | VV | 444    | 9321   | 0.16% | 0.008% |
| 38 | 5.065 | 5.045 | 5.083 | VV | 1113   | 16094  | 0.28% | 0.013% |
| 39 | 5.097 | 5.083 | 5.124 | VV | 849    | 10678  | 0.19% | 0.009% |
| 40 | 5.156 | 5.124 | 5.215 | VV | 697    | 17043  | 0.30% | 0.014% |
| 41 | 5.251 | 5.215 | 5.288 | VV | 1815   | 25811  | 0.45% | 0.021% |
| 42 | 5.334 | 5.288 | 5.385 | VV | 442    | 12719  | 0.22% | 0.010% |
| 43 | 5.397 | 5.385 | 5.410 | VV | 321    | 3856   | 0.07% | 0.003% |
| 44 | 5.425 | 5.410 | 5.434 | VV | 681    | 6528   | 0.11% | 0.005% |
| 45 | 5.457 | 5.434 | 5.518 | VV | 17231  | 184965 | 3.23% | 0.153% |
| 46 | 5.530 | 5.518 | 5.554 | VV | 210    | 3190   | 0.06% | 0.003% |
| 47 | 5.581 | 5.554 | 5.631 | VV | 1296   | 16411  | 0.29% | 0.014% |
| 48 | 5.658 | 5.631 | 5.671 | PV | 493    | 6980   | 0.12% | 0.006% |
| 49 | 5.693 | 5.671 | 5.750 | VV | 4063   | 60071  | 1.05% | 0.050% |
| 50 | 5.765 | 5.750 | 5.798 | VV | 376    | 8248   | 0.14% | 0.007% |
| 51 | 5.815 | 5.798 | 5.833 | VV | 441    | 6626   | 0.12% | 0.005% |
| 52 | 5.846 | 5.833 | 5.878 | VV | 307    | 6749   | 0.12% | 0.006% |
| 53 | 5.893 | 5.878 | 5.901 | VV | 315    | 3307   | 0.06% | 0.003% |
| 54 | 5.916 | 5.901 | 5.951 | VV | 297    | 7356   | 0.13% | 0.006% |
| 55 | 5.980 | 5.951 | 6.011 | VV | 446    | 9771   | 0.17% | 0.008% |
| 56 | 6.022 | 6.011 | 6.080 | VV | 214    | 5973   | 0.10% | 0.005% |
| 57 | 6.130 | 6.080 | 6.151 | VV | 450    | 8417   | 0.15% | 0.007% |
| 58 | 6.167 | 6.151 | 6.180 | VV | 262    | 3531   | 0.06% | 0.003% |
| 59 | 6.196 | 6.180 | 6.207 | VV | 271    | 3587   | 0.06% | 0.003% |
| 60 | 6.230 | 6.207 | 6.246 | VV | 835    | 11919  | 0.21% | 0.010% |
| 61 | 6.265 | 6.246 | 6.300 | VV | 933    | 16639  | 0.29% | 0.014% |
| 62 | 6.316 | 6.300 | 6.322 | VV | 288    | 3095   | 0.05% | 0.003% |
| 63 | 6.334 | 6.322 | 6.349 | VV | 323    | 3798   | 0.07% | 0.003% |
| 64 | 6.375 | 6.349 | 6.387 | VV | 554    | 7870   | 0.14% | 0.006% |
| 65 | 6.404 | 6.387 | 6.436 | VV | 881    | 15052  | 0.26% | 0.012% |
| 66 | 6.452 | 6.436 | 6.503 | VV | 413    | 10308  | 0.18% | 0.009% |
| 67 | 6.529 | 6.503 | 6.562 | VV | 1976   | 27342  | 0.48% | 0.023% |
| 68 | 6.575 | 6.562 | 6.600 | VV | 419    | 7208   | 0.13% | 0.006% |
| 69 | 6.616 | 6.600 | 6.629 | VV | 263    | 3879   | 0.07% | 0.003% |
| 70 | 6.643 | 6.629 | 6.668 | VV | 270    | 4667   | 0.08% | 0.004% |
| 71 | 6.692 | 6.668 | 6.715 | VV | 646    | 9348   | 0.16% | 0.008% |
| 72 | 6.724 | 6.715 | 6.745 | VV | 306    | 3487   | 0.06% | 0.003% |
| 73 | 6.771 | 6.745 | 6.828 | VV | 2148   | 34186  | 0.60% | 0.028% |
| 74 | 6.845 | 6.828 | 6.868 | VV | 497    | 7451   | 0.13% | 0.006% |
| 75 | 6.879 | 6.868 | 6.907 | VV | 220    | 4074   | 0.07% | 0.003% |
| 76 | 6.923 | 6.907 | 6.937 | VV | 212    | 2828   | 0.05% | 0.002% |
| 77 | 6.973 | 6.937 | 6.992 | VV | 232    | 4706   | 0.08% | 0.004% |
| 78 | 7.031 | 6.992 | 7.075 | PV | 543    | 7798   | 0.14% | 0.006% |
| 79 | 7.096 | 7.075 | 7.123 | VV | 224    | 4147   | 0.07% | 0.003% |
| 80 | 7.159 | 7.123 | 7.190 | VV | 310    | 7886   | 0.14% | 0.007% |
| 81 | 7.229 | 7.190 | 7.255 | VV | 588    | 15426  | 0.27% | 0.013% |
| 82 | 7.266 | 7.255 | 7.288 | VV | 474    | 6557   | 0.11% | 0.005% |
| 83 | 7.325 | 7.288 | 7.347 | VV | 1534   | 22038  | 0.39% | 0.018% |
| 84 | 7.364 | 7.347 | 7.390 | VV | 536    | 10338  | 0.18% | 0.009% |
| 85 | 7.412 | 7.390 | 7.451 | VV | 1032   | 17866  | 0.31% | 0.015% |
| 86 | 7.467 | 7.451 | 7.495 | VV | 506    | 7150   | 0.13% | 0.006% |
| 87 | 7.511 | 7.495 | 7.535 | VV | 786    | 10174  | 0.18% | 0.008% |
| 88 | 7.543 | 7.535 | 7.569 | VV | 292    | 3812   | 0.07% | 0.003% |
| 89 | 7.586 | 7.569 | 7.608 | VV | 289    | 5396   | 0.09% | 0.004% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 7.643  | 7.608  | 7.667  | VV | 971    | 17852   | 0.31%  | 0.015% |
| 91  | 7.704  | 7.667  | 7.745  | VV | 282    | 10637   | 0.19%  | 0.009% |
| 92  | 7.753  | 7.745  | 7.757  | VV | 263    | 1532    | 0.03%  | 0.001% |
| 93  | 7.774  | 7.757  | 7.791  | VV | 351    | 5326    | 0.09%  | 0.004% |
| 94  | 7.816  | 7.791  | 7.850  | VV | 435    | 9390    | 0.16%  | 0.008% |
| 95  | 7.865  | 7.850  | 7.885  | VV | 354    | 3089    | 0.05%  | 0.003% |
| 96  | 7.913  | 7.885  | 7.965  | VV | 930    | 18734   | 0.33%  | 0.015% |
| 97  | 7.984  | 7.965  | 8.005  | VV | 153    | 1963    | 0.03%  | 0.002% |
| 98  | 8.018  | 8.005  | 8.033  | PV | 163    | 1901    | 0.03%  | 0.002% |
| 99  | 8.076  | 8.033  | 8.084  | VV | 705    | 11686   | 0.20%  | 0.010% |
| 100 | 8.098  | 8.084  | 8.154  | VV | 1023   | 21034   | 0.37%  | 0.017% |
| 101 | 8.173  | 8.154  | 8.193  | VV | 375    | 4773    | 0.08%  | 0.004% |
| 102 | 8.219  | 8.193  | 8.234  | VV | 350    | 5733    | 0.10%  | 0.005% |
| 103 | 8.256  | 8.234  | 8.315  | VV | 737    | 14784   | 0.26%  | 0.012% |
| 104 | 8.345  | 8.315  | 8.366  | VV | 966    | 14986   | 0.26%  | 0.012% |
| 105 | 8.420  | 8.366  | 8.435  | VV | 987    | 22842   | 0.40%  | 0.019% |
| 106 | 8.452  | 8.435  | 8.474  | VV | 717    | 16225   | 0.28%  | 0.013% |
| 107 | 8.496  | 8.474  | 8.507  | VV | 950    | 16179   | 0.28%  | 0.013% |
| 108 | 8.527  | 8.507  | 8.601  | VV | 2091   | 41955   | 0.73%  | 0.035% |
| 109 | 8.636  | 8.601  | 8.665  | VV | 3642   | 54947   | 0.96%  | 0.045% |
| 110 | 8.684  | 8.665  | 8.702  | VV | 1324   | 21896   | 0.38%  | 0.018% |
| 111 | 8.714  | 8.702  | 8.731  | VV | 808    | 10674   | 0.19%  | 0.009% |
| 112 | 8.752  | 8.731  | 8.805  | VV | 697    | 17870   | 0.31%  | 0.015% |
| 113 | 8.812  | 8.805  | 8.848  | VV | 234    | 3723    | 0.07%  | 0.003% |
| 114 | 8.912  | 8.848  | 8.922  | PV | 1279   | 22489   | 0.39%  | 0.019% |
| 115 | 8.932  | 8.922  | 8.951  | VV | 1400   | 17947   | 0.31%  | 0.015% |
| 116 | 8.962  | 8.951  | 8.967  | VV | 734    | 5821    | 0.10%  | 0.005% |
| 117 | 8.985  | 8.967  | 8.995  | VV | 1462   | 18026   | 0.32%  | 0.015% |
| 118 | 9.004  | 8.995  | 9.035  | VV | 1388   | 27842   | 0.49%  | 0.023% |
| 119 | 9.071  | 9.035  | 9.103  | VV | 1736   | 45051   | 0.79%  | 0.037% |
| 120 | 9.125  | 9.103  | 9.145  | VV | 2259   | 29192   | 0.51%  | 0.024% |
| 121 | 9.153  | 9.145  | 9.164  | VV | 691    | 6888    | 0.12%  | 0.006% |
| 122 | 9.180  | 9.164  | 9.198  | VV | 776    | 11214   | 0.20%  | 0.009% |
| 123 | 9.216  | 9.198  | 9.238  | VV | 1047   | 16472   | 0.29%  | 0.014% |
| 124 | 9.276  | 9.238  | 9.311  | VV | 1782   | 31578   | 0.55%  | 0.026% |
| 125 | 9.359  | 9.311  | 9.428  | VV | 2134   | 54831   | 0.96%  | 0.045% |
| 126 | 9.449  | 9.428  | 9.472  | VV | 1193   | 15616   | 0.27%  | 0.013% |
| 127 | 9.507  | 9.472  | 9.525  | VV | 386    | 7256    | 0.13%  | 0.006% |
| 128 | 9.559  | 9.525  | 9.582  | VV | 1613   | 22117   | 0.39%  | 0.018% |
| 129 | 9.593  | 9.582  | 9.620  | VV | 387    | 5069    | 0.09%  | 0.004% |
| 130 | 9.643  | 9.620  | 9.677  | PV | 614    | 10580   | 0.18%  | 0.009% |
| 131 | 9.691  | 9.677  | 9.705  | VV | 309    | 3597    | 0.06%  | 0.003% |
| 132 | 9.741  | 9.705  | 9.778  | VV | 1621   | 39801   | 0.70%  | 0.033% |
| 133 | 9.810  | 9.778  | 9.843  | VV | 1153   | 29731   | 0.52%  | 0.025% |
| 134 | 9.865  | 9.843  | 9.948  | VV | 5537   | 85188   | 1.49%  | 0.070% |
| 135 | 10.007 | 9.948  | 10.039 | VV | 104450 | 1107366 | 19.36% | 0.913% |
| 136 | 10.055 | 10.039 | 10.121 | VV | 3591   | 78994   | 1.38%  | 0.065% |
| 137 | 10.144 | 10.121 | 10.201 | VV | 2643   | 53038   | 0.93%  | 0.044% |
| 138 | 10.247 | 10.201 | 10.278 | VV | 769    | 19911   | 0.35%  | 0.016% |
| 139 | 10.311 | 10.278 | 10.358 | PV | 632    | 12766   | 0.22%  | 0.011% |
| 140 | 10.392 | 10.358 | 10.408 | VV | 345    | 7321    | 0.13%  | 0.006% |
| 141 | 10.414 | 10.408 | 10.448 | VV | 331    | 3831    | 0.07%  | 0.003% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 10.482 | 10.448 | 10.515 | PV | 8413   | 113120  | 1.98%   | 0.093% |
| 143 | 10.532 | 10.515 | 10.556 | VV | 2436   | 39270   | 0.69%   | 0.032% |
| 144 | 10.586 | 10.556 | 10.605 | VV | 1377   | 29735   | 0.52%   | 0.025% |
| 145 | 10.615 | 10.605 | 10.642 | VV | 1251   | 19969   | 0.35%   | 0.016% |
| 146 | 10.679 | 10.642 | 10.707 | VV | 877    | 20357   | 0.36%   | 0.017% |
| 147 | 10.728 | 10.707 | 10.761 | VV | 728    | 13518   | 0.24%   | 0.011% |
| 148 | 10.790 | 10.761 | 10.825 | VV | 1642   | 36446   | 0.64%   | 0.030% |
| 149 | 10.838 | 10.825 | 10.861 | VV | 1111   | 16996   | 0.30%   | 0.014% |
| 150 | 10.889 | 10.861 | 10.920 | VV | 3059   | 69281   | 1.21%   | 0.057% |
| 151 | 10.956 | 10.920 | 10.997 | VV | 3739   | 78471   | 1.37%   | 0.065% |
| 152 | 11.008 | 10.997 | 11.061 | VV | 541    | 11952   | 0.21%   | 0.010% |
| 153 | 11.139 | 11.061 | 11.187 | PV | 17055  | 219174  | 3.83%   | 0.181% |
| 154 | 11.215 | 11.187 | 11.253 | VV | 4584   | 68581   | 1.20%   | 0.057% |
| 155 | 11.280 | 11.253 | 11.308 | VV | 1078   | 24499   | 0.43%   | 0.020% |
| 156 | 11.318 | 11.308 | 11.342 | VV | 476    | 7266    | 0.13%   | 0.006% |
| 157 | 11.367 | 11.342 | 11.377 | VV | 321    | 5753    | 0.10%   | 0.005% |
| 158 | 11.393 | 11.377 | 11.410 | VV | 591    | 7410    | 0.13%   | 0.006% |
| 159 | 11.436 | 11.410 | 11.472 | VV | 2413   | 38753   | 0.68%   | 0.032% |
| 160 | 11.496 | 11.472 | 11.511 | VV | 883    | 12043   | 0.21%   | 0.010% |
| 161 | 11.524 | 11.511 | 11.545 | VV | 937    | 15008   | 0.26%   | 0.012% |
| 162 | 11.561 | 11.545 | 11.572 | VV | 976    | 12280   | 0.21%   | 0.010% |
| 163 | 11.591 | 11.572 | 11.624 | VV | 2692   | 37746   | 0.66%   | 0.031% |
| 164 | 11.636 | 11.624 | 11.643 | VV | 385    | 4116    | 0.07%   | 0.003% |
| 165 | 11.681 | 11.643 | 11.709 | VV | 3893   | 66673   | 1.17%   | 0.055% |
| 166 | 11.718 | 11.709 | 11.725 | VV | 236    | 2276    | 0.04%   | 0.002% |
| 167 | 11.746 | 11.725 | 11.766 | VV | 631    | 8188    | 0.14%   | 0.007% |
| 168 | 11.787 | 11.766 | 11.811 | PV | 1389   | 15999   | 0.28%   | 0.013% |
| 169 | 11.837 | 11.811 | 11.863 | PV | 2112   | 27450   | 0.48%   | 0.023% |
| 170 | 11.911 | 11.863 | 11.962 | VV | 514763 | 5719881 | 100.00% | 4.718% |
| 171 | 11.979 | 11.962 | 12.005 | VV | 3437   | 53121   | 0.93%   | 0.044% |
| 172 | 12.015 | 12.005 | 12.027 | VV | 1333   | 16488   | 0.29%   | 0.014% |
| 173 | 12.060 | 12.027 | 12.079 | VV | 2831   | 54740   | 0.96%   | 0.045% |
| 174 | 12.096 | 12.079 | 12.108 | VV | 1873   | 24344   | 0.43%   | 0.020% |
| 175 | 12.125 | 12.108 | 12.158 | VV | 2263   | 39145   | 0.68%   | 0.032% |
| 176 | 12.179 | 12.158 | 12.222 | VV | 5554   | 79023   | 1.38%   | 0.065% |
| 177 | 12.264 | 12.222 | 12.290 | VV | 2844   | 62919   | 1.10%   | 0.052% |
| 178 | 12.314 | 12.290 | 12.341 | VV | 4475   | 70774   | 1.24%   | 0.058% |
| 179 | 12.353 | 12.341 | 12.374 | VV | 1356   | 20938   | 0.37%   | 0.017% |
| 180 | 12.404 | 12.374 | 12.443 | VV | 44003  | 570108  | 9.97%   | 0.470% |
| 181 | 12.480 | 12.443 | 12.499 | PV | 946    | 20579   | 0.36%   | 0.017% |
| 182 | 12.536 | 12.499 | 12.577 | VV | 2073   | 70122   | 1.23%   | 0.058% |
| 183 | 12.596 | 12.577 | 12.604 | VV | 1535   | 22730   | 0.40%   | 0.019% |
| 184 | 12.624 | 12.604 | 12.641 | VV | 2455   | 41083   | 0.72%   | 0.034% |
| 185 | 12.651 | 12.641 | 12.668 | VV | 1375   | 18895   | 0.33%   | 0.016% |
| 186 | 12.683 | 12.668 | 12.707 | VV | 1275   | 22056   | 0.39%   | 0.018% |
| 187 | 12.759 | 12.707 | 12.776 | VV | 1134   | 33320   | 0.58%   | 0.027% |
| 188 | 12.803 | 12.776 | 12.819 | VV | 3014   | 40944   | 0.72%   | 0.034% |
| 189 | 12.848 | 12.819 | 12.869 | VV | 2665   | 54534   | 0.95%   | 0.045% |
| 190 | 12.908 | 12.869 | 12.931 | VV | 4271   | 76553   | 1.34%   | 0.063% |
| 191 | 12.966 | 12.931 | 13.012 | VV | 51197  | 659859  | 11.54%  | 0.544% |
| 192 | 13.025 | 13.012 | 13.041 | VV | 1001   | 13084   | 0.23%   | 0.011% |
| 193 | 13.054 | 13.041 | 13.074 | VV | 609    | 8171    | 0.14%   | 0.007% |
| 194 | 13.102 | 13.074 | 13.131 | PV | 1268   | 21944   | 0.38%   | 0.018% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.178 | 13.131 | 13.219 | VV | 2129   | 61196   | 1.07%  | 0.050% |
| 196 | 13.265 | 13.219 | 13.294 | PV | 45880  | 520802  | 9.11%  | 0.430% |
| 197 | 13.356 | 13.294 | 13.387 | VV | 347665 | 4297294 | 75.13% | 3.545% |
| 198 | 13.403 | 13.387 | 13.426 | VV | 4026   | 63834   | 1.12%  | 0.053% |
| 199 | 13.447 | 13.426 | 13.498 | VV | 2070   | 56892   | 0.99%  | 0.047% |
| 200 | 13.531 | 13.498 | 13.547 | VV | 4196   | 78411   | 1.37%  | 0.065% |
| 201 | 13.565 | 13.547 | 13.600 | VV | 5902   | 103438  | 1.81%  | 0.085% |
| 202 | 13.612 | 13.600 | 13.641 | VV | 1572   | 27738   | 0.48%  | 0.023% |
| 203 | 13.665 | 13.641 | 13.674 | VV | 1175   | 15383   | 0.27%  | 0.013% |
| 204 | 13.688 | 13.674 | 13.705 | VV | 1288   | 16314   | 0.29%  | 0.013% |
| 205 | 13.733 | 13.705 | 13.772 | PV | 3929   | 94896   | 1.66%  | 0.078% |
| 206 | 13.796 | 13.772 | 13.816 | VV | 1860   | 34985   | 0.61%  | 0.029% |
| 207 | 13.861 | 13.816 | 13.901 | VV | 7152   | 143492  | 2.51%  | 0.118% |
| 208 | 13.967 | 13.901 | 13.986 | VV | 3388   | 78713   | 1.38%  | 0.065% |
| 209 | 14.009 | 13.986 | 14.034 | VV | 5196   | 96230   | 1.68%  | 0.079% |
| 210 | 14.048 | 14.034 | 14.071 | VV | 2775   | 45491   | 0.80%  | 0.038% |
| 211 | 14.112 | 14.071 | 14.125 | VV | 4709   | 84278   | 1.47%  | 0.070% |
| 212 | 14.135 | 14.125 | 14.154 | VV | 4649   | 64407   | 1.13%  | 0.053% |
| 213 | 14.176 | 14.154 | 14.218 | VV | 5876   | 119322  | 2.09%  | 0.098% |
| 214 | 14.257 | 14.218 | 14.280 | VV | 1803   | 46781   | 0.82%  | 0.039% |
| 215 | 14.344 | 14.280 | 14.375 | VV | 6198   | 164684  | 2.88%  | 0.136% |
| 216 | 14.411 | 14.375 | 14.438 | VV | 3008   | 86878   | 1.52%  | 0.072% |
| 217 | 14.448 | 14.438 | 14.461 | VV | 1288   | 16667   | 0.29%  | 0.014% |
| 218 | 14.496 | 14.461 | 14.541 | VV | 16603  | 341707  | 5.97%  | 0.282% |
| 219 | 14.555 | 14.541 | 14.567 | VV | 4941   | 69438   | 1.21%  | 0.057% |
| 220 | 14.599 | 14.567 | 14.655 | VV | 9588   | 257220  | 4.50%  | 0.212% |
| 221 | 14.675 | 14.655 | 14.688 | VV | 4357   | 63937   | 1.12%  | 0.053% |
| 222 | 14.738 | 14.688 | 14.755 | VV | 6562   | 175258  | 3.06%  | 0.145% |
| 223 | 14.773 | 14.755 | 14.819 | VV | 8301   | 237706  | 4.16%  | 0.196% |
| 224 | 14.841 | 14.819 | 14.860 | VV | 9597   | 149185  | 2.61%  | 0.123% |
| 225 | 14.905 | 14.860 | 14.945 | VV | 9632   | 303106  | 5.30%  | 0.250% |
| 226 | 14.964 | 14.945 | 14.981 | VV | 5857   | 99564   | 1.74%  | 0.082% |
| 227 | 14.992 | 14.981 | 15.011 | VV | 3761   | 55436   | 0.97%  | 0.046% |
| 228 | 15.028 | 15.011 | 15.038 | VV | 3521   | 49541   | 0.87%  | 0.041% |
| 229 | 15.071 | 15.038 | 15.087 | VV | 3974   | 109386  | 1.91%  | 0.090% |
| 230 | 15.114 | 15.087 | 15.124 | VV | 5871   | 112630  | 1.97%  | 0.093% |
| 231 | 15.152 | 15.124 | 15.172 | VV | 27881  | 427058  | 7.47%  | 0.352% |
| 232 | 15.193 | 15.172 | 15.228 | VV | 32696  | 500291  | 8.75%  | 0.413% |
| 233 | 15.275 | 15.228 | 15.301 | VV | 7893   | 288885  | 5.05%  | 0.238% |
| 234 | 15.313 | 15.301 | 15.333 | VV | 8074   | 129816  | 2.27%  | 0.107% |
| 235 | 15.363 | 15.333 | 15.390 | VV | 6600   | 177577  | 3.10%  | 0.146% |
| 236 | 15.413 | 15.390 | 15.432 | VV | 6096   | 126678  | 2.21%  | 0.104% |
| 237 | 15.465 | 15.432 | 15.482 | VV | 8594   | 198750  | 3.47%  | 0.164% |
| 238 | 15.499 | 15.482 | 15.518 | VV | 7555   | 148708  | 2.60%  | 0.123% |
| 239 | 15.530 | 15.518 | 15.544 | VV | 5794   | 87904   | 1.54%  | 0.073% |
| 240 | 15.603 | 15.544 | 15.710 | VV | 34030  | 1181540 | 20.66% | 0.975% |
| 241 | 15.754 | 15.710 | 15.776 | VV | 14393  | 432821  | 7.57%  | 0.357% |
| 242 | 15.811 | 15.776 | 15.851 | VV | 17867  | 610858  | 10.68% | 0.504% |
| 243 | 15.872 | 15.851 | 15.891 | VV | 10577  | 194562  | 3.40%  | 0.160% |
| 244 | 15.923 | 15.891 | 15.940 | VV | 9756   | 236745  | 4.14%  | 0.195% |
| 245 | 15.965 | 15.940 | 15.980 | VV | 11847  | 248867  | 4.35%  | 0.205% |
| 246 | 15.991 | 15.980 | 16.025 | VV | 12630  | 280326  | 4.90%  | 0.231% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 16.064 | 16.025 | 16.104 | VV | 13735  | 533705  | 9.33%  | 0.440% |
| 248 | 16.149 | 16.104 | 16.178 | VV | 12234  | 486113  | 8.50%  | 0.401% |
| 249 | 16.200 | 16.178 | 16.223 | VV | 11139  | 283897  | 4.96%  | 0.234% |
| 250 | 16.295 | 16.223 | 16.335 | VV | 14463  | 813440  | 14.22% | 0.671% |
|     |        |        |        |    |        |         |        |        |
| 251 | 16.361 | 16.335 | 16.385 | VV | 9602   | 265814  | 4.65%  | 0.219% |
| 252 | 16.431 | 16.385 | 16.475 | VV | 14913  | 651060  | 11.38% | 0.537% |
| 253 | 16.487 | 16.475 | 16.506 | VV | 13315  | 241862  | 4.23%  | 0.199% |
| 254 | 16.567 | 16.506 | 16.593 | VV | 19873  | 851054  | 14.88% | 0.702% |
| 255 | 16.622 | 16.593 | 16.673 | VV | 23601  | 841723  | 14.72% | 0.694% |
|     |        |        |        |    |        |         |        |        |
| 256 | 16.719 | 16.673 | 16.785 | VV | 51190  | 1634217 | 28.57% | 1.348% |
| 257 | 16.803 | 16.785 | 16.829 | VV | 19654  | 440423  | 7.70%  | 0.363% |
| 258 | 16.852 | 16.829 | 16.875 | VV | 17415  | 413693  | 7.23%  | 0.341% |
| 259 | 16.888 | 16.875 | 16.923 | VV | 15982  | 442618  | 7.74%  | 0.365% |
| 260 | 16.970 | 16.923 | 16.983 | VV | 16584  | 549884  | 9.61%  | 0.454% |
|     |        |        |        |    |        |         |        |        |
| 261 | 17.041 | 16.983 | 17.075 | VV | 42881  | 1251202 | 21.87% | 1.032% |
| 262 | 17.100 | 17.075 | 17.144 | VV | 41236  | 941366  | 16.46% | 0.776% |
| 263 | 17.205 | 17.144 | 17.230 | VV | 25470  | 962721  | 16.83% | 0.794% |
| 264 | 17.272 | 17.230 | 17.304 | VV | 21364  | 832892  | 14.56% | 0.687% |
| 265 | 17.357 | 17.304 | 17.371 | VV | 17113  | 635745  | 11.11% | 0.524% |
|     |        |        |        |    |        |         |        |        |
| 266 | 17.380 | 17.371 | 17.398 | VV | 16095  | 243640  | 4.26%  | 0.201% |
| 267 | 17.432 | 17.398 | 17.493 | VV | 19288  | 991267  | 17.33% | 0.818% |
| 268 | 17.512 | 17.493 | 17.544 | VV | 19281  | 517588  | 9.05%  | 0.427% |
| 269 | 17.570 | 17.544 | 17.591 | VV | 24970  | 595699  | 10.41% | 0.491% |
| 270 | 17.600 | 17.591 | 17.620 | VV | 19644  | 324901  | 5.68%  | 0.268% |
|     |        |        |        |    |        |         |        |        |
| 271 | 17.645 | 17.620 | 17.675 | VV | 29296  | 725276  | 12.68% | 0.598% |
| 272 | 17.684 | 17.675 | 17.701 | VV | 16688  | 252697  | 4.42%  | 0.208% |
| 273 | 17.720 | 17.701 | 17.738 | VV | 17183  | 344027  | 6.01%  | 0.284% |
| 274 | 17.764 | 17.738 | 17.792 | VV | 20747  | 555299  | 9.71%  | 0.458% |
| 275 | 17.814 | 17.792 | 17.840 | VV | 17923  | 441344  | 7.72%  | 0.364% |
|     |        |        |        |    |        |         |        |        |
| 276 | 17.878 | 17.840 | 17.891 | VV | 14463  | 424528  | 7.42%  | 0.350% |
| 277 | 17.912 | 17.891 | 17.928 | VV | 15637  | 314534  | 5.50%  | 0.259% |
| 278 | 17.944 | 17.928 | 17.956 | VV | 15535  | 238825  | 4.18%  | 0.197% |
| 279 | 18.084 | 17.956 | 18.143 | VV | 25932  | 2063166 | 36.07% | 1.702% |
| 280 | 18.176 | 18.143 | 18.205 | VV | 23906  | 690716  | 12.08% | 0.570% |
|     |        |        |        |    |        |         |        |        |
| 281 | 18.231 | 18.205 | 18.304 | VV | 29891  | 1333993 | 23.32% | 1.100% |
| 282 | 18.324 | 18.304 | 18.345 | VV | 19546  | 433655  | 7.58%  | 0.358% |
| 283 | 18.407 | 18.345 | 18.426 | VV | 24290  | 991198  | 17.33% | 0.818% |
| 284 | 18.478 | 18.426 | 18.494 | VV | 43054  | 1324729 | 23.16% | 1.093% |
| 285 | 18.511 | 18.494 | 18.552 | VV | 45878  | 1059356 | 18.52% | 0.874% |
|     |        |        |        |    |        |         |        |        |
| 286 | 18.566 | 18.552 | 18.576 | VV | 19801  | 267095  | 4.67%  | 0.220% |
| 287 | 18.599 | 18.576 | 18.621 | VV | 29228  | 639323  | 11.18% | 0.527% |
| 288 | 18.640 | 18.621 | 18.698 | VV | 27631  | 936766  | 16.38% | 0.773% |
| 289 | 18.735 | 18.698 | 18.769 | VV | 35729  | 1006437 | 17.60% | 0.830% |
| 290 | 18.791 | 18.769 | 18.851 | VV | 19768  | 880559  | 15.39% | 0.726% |
|     |        |        |        |    |        |         |        |        |
| 291 | 18.915 | 18.851 | 18.955 | VV | 35885  | 1470285 | 25.70% | 1.213% |
| 292 | 19.022 | 18.955 | 19.048 | VV | 35138  | 1314546 | 22.98% | 1.084% |
| 293 | 19.075 | 19.048 | 19.095 | VV | 29747  | 748110  | 13.08% | 0.617% |
| 294 | 19.114 | 19.095 | 19.136 | VV | 26140  | 597328  | 10.44% | 0.493% |
| 295 | 19.200 | 19.136 | 19.216 | VV | 26954  | 1150183 | 20.11% | 0.949% |
|     |        |        |        |    |        |         |        |        |
| 296 | 19.283 | 19.216 | 19.303 | VV | 45276  | 1698616 | 29.70% | 1.401% |
| 297 | 19.321 | 19.303 | 19.375 | VV | 42557  | 1556628 | 27.21% | 1.284% |
| 298 | 19.424 | 19.375 | 19.435 | VV | 35510  | 1167566 | 20.41% | 0.963% |
| 299 | 19.448 | 19.435 | 19.475 | VV | 35649  | 797916  | 13.95% | 0.658% |

|     |        |        |        |    |       |                         |           |        |
|-----|--------|--------|--------|----|-------|-------------------------|-----------|--------|
|     |        |        |        |    |       | rters                   |           |        |
| 300 | 19.506 | 19.475 | 19.525 | VV | 33190 | 939985                  | 16.43%    | 0.775% |
| 301 | 19.565 | 19.525 | 19.606 | VV | 36447 | 1638624                 | 28.65%    | 1.352% |
| 302 | 19.617 | 19.606 | 19.664 | VV | 32535 | 1073012                 | 18.76%    | 0.885% |
| 303 | 19.734 | 19.664 | 19.754 | VV | 39872 | 1862679                 | 32.56%    | 1.536% |
| 304 | 19.774 | 19.754 | 19.797 | VV | 41913 | 997427                  | 17.44%    | 0.823% |
| 305 | 19.818 | 19.797 | 19.863 | VV | 43714 | 1517630                 | 26.53%    | 1.252% |
| 306 | 19.901 | 19.863 | 19.951 | VV | 40933 | 2015732                 | 35.24%    | 1.663% |
| 307 | 19.984 | 19.951 | 20.018 | VV | 42765 | 1611369                 | 28.17%    | 1.329% |
| 308 | 20.080 | 20.018 | 20.103 | VV | 50110 | 2290111                 | 40.04%    | 1.889% |
| 309 | 20.119 | 20.103 | 20.171 | VV | 44200 | 1677788                 | 29.33%    | 1.384% |
| 310 | 20.282 | 20.171 | 20.301 | VV | 47763 | 3266739                 | 57.11%    | 2.694% |
| 311 | 20.353 | 20.301 | 20.375 | VV | 47795 | 2011827                 | 35.17%    | 1.659% |
| 312 | 20.386 | 20.375 | 20.394 | VV | 45715 | 541047                  | 9.46%     | 0.446% |
| 313 | 20.405 | 20.394 | 20.421 | VV | 45641 | 709271                  | 12.40%    | 0.585% |
| 314 | 20.444 | 20.421 | 20.485 | VV | 48555 | 1760256                 | 30.77%    | 1.452% |
| 315 | 20.527 | 20.485 | 20.533 | VV | 51714 | 1405972                 | 24.58%    | 1.160% |
| 316 | 20.650 | 20.533 | 20.691 | VV | 60423 | 5317694                 | 92.97%    | 4.386% |
| 317 | 20.711 | 20.691 | 20.720 | VV | 52108 | 884837                  | 15.47%    | 0.730% |
| 318 | 20.801 | 20.720 | 20.825 | VV | 58150 | 3401916                 | 59.48%    | 2.806% |
| 319 | 20.845 | 20.825 | 20.898 | VV | 57258 | 2375015                 | 41.52%    | 1.959% |
| 320 | 20.903 | 20.898 | 21.001 | VV | 50020 | 2738366                 | 47.87%    | 2.259% |
| 321 | 21.050 | 21.001 | 21.069 | VV | 40640 | 1617255                 | 28.27%    | 1.334% |
| 322 | 21.087 | 21.069 | 21.104 | VV | 40484 | 834425                  | 14.59%    | 0.688% |
| 323 | 21.119 | 21.104 | 21.175 | VV | 39669 | 1636592                 | 28.61%    | 1.350% |
| 324 | 21.185 | 21.175 | 21.247 | VV | 37220 | 1396688                 | 24.42%    | 1.152% |
| 325 | 21.281 | 21.247 | 21.290 | VV | 29003 | 744476                  | 13.02%    | 0.614% |
| 326 | 21.344 | 21.290 | 21.452 | VV | 31492 | 2785025                 | 48.69%    | 2.297% |
| 327 | 21.466 | 21.452 | 21.574 | VV | 26155 | 1523621                 | 26.64%    | 1.257% |
| 328 | 21.695 | 21.574 | 21.703 | VV | 21186 | 1379512                 | 24.12%    | 1.138% |
| 329 | 21.718 | 21.703 | 21.761 | VV | 21244 | 694108                  | 12.14%    | 0.573% |
| 330 | 21.774 | 21.761 | 21.800 | VV | 19186 | 427120                  | 7.47%     | 0.352% |
| 331 | 21.811 | 21.800 | 21.942 | VV | 16722 | 901880                  | 15.77%    | 0.744% |
| 332 | 21.960 | 21.942 | 22.052 | VV | 3941  | 150683                  | 2.63%     | 0.124% |
|     |        |        |        |    |       | Sum of corrected areas: | 121237417 |        |

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