

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE111225AL\  
Data File : FE056780.D  
Signal(s) : FID1B.ch  
Acq On : 12 Nov 2025 17:52  
Sample : Q3587-02  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 103025.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         | 2.550       | 2.524        | 2.682      | BV       | 62             | 3609         | 0.05%          | 0.005%        |
| 2         | 2.691       | 2.682        | 2.762      | PV       | 70             | 2381         | 0.03%          | 0.003%        |
| 3         | 2.771       | 2.762        | 2.831      | VV       | 132            | 3239         | 0.04%          | 0.004%        |
| 4         | 2.844       | 2.831        | 2.858      | VV       | 189            | 1642         | 0.02%          | 0.002%        |
| 5         | 2.884       | 2.858        | 2.902      | VV       | 192            | 3115         | 0.04%          | 0.004%        |
| 6         | 2.908       | 2.902        | 2.918      | VV       | 152            | 1131         | 0.02%          | 0.001%        |
| 7         | 2.929       | 2.918        | 2.971      | VV       | 173            | 3523         | 0.05%          | 0.005%        |
| 8         | 2.994       | 2.971        | 3.034      | VV       | 182            | 3700         | 0.05%          | 0.005%        |
| 9         | 3.040       | 3.034        | 3.081      | PV       | 91             | 654          | 0.01%          | 0.001%        |
| 10        | 3.112       | 3.081        | 3.148      | VV       | 125            | 2710         | 0.04%          | 0.004%        |
| 11        | 3.161       | 3.148        | 3.195      | VV       | 129            | 1736         | 0.02%          | 0.002%        |
| 12        | 3.207       | 3.195        | 3.241      | PV       | 95             | 1055         | 0.01%          | 0.001%        |
| 13        | 3.273       | 3.241        | 3.288      | VV       | 151            | 2054         | 0.03%          | 0.003%        |
| 14        | 3.309       | 3.288        | 3.341      | VV       | 241            | 3603         | 0.05%          | 0.005%        |
| 15        | 3.348       | 3.341        | 3.359      | VV       | 64             | 813          | 0.01%          | 0.001%        |
| 16        | 3.378       | 3.359        | 3.398      | VV       | 172            | 2405         | 0.03%          | 0.003%        |
| 17        | 3.422       | 3.398        | 3.434      | VV       | 130            | 2623         | 0.04%          | 0.003%        |
| 18        | 3.444       | 3.434        | 3.462      | VV       | 163            | 2389         | 0.03%          | 0.003%        |
| 19        | 3.477       | 3.462        | 3.529      | VV       | 174            | 5390         | 0.07%          | 0.007%        |
| 20        | 3.542       | 3.529        | 3.564      | VV       | 170            | 2477         | 0.03%          | 0.003%        |
| 21        | 3.569       | 3.564        | 3.619      | VV       | 182            | 3830         | 0.05%          | 0.005%        |
| 22        | 3.642       | 3.619        | 3.709      | VV       | 196            | 6664         | 0.09%          | 0.009%        |
| 23        | 3.759       | 3.709        | 3.781      | VV       | 233            | 5203         | 0.07%          | 0.007%        |
| 24        | 3.803       | 3.781        | 3.874      | VV       | 782            | 17573        | 0.24%          | 0.023%        |
| 25        | 3.929       | 3.874        | 3.989      | VV       | 344            | 13829        | 0.19%          | 0.018%        |
| 26        | 4.003       | 3.989        | 4.015      | VV       | 238            | 2946         | 0.04%          | 0.004%        |
| 27        | 4.022       | 4.015        | 4.068      | VV       | 223            | 4708         | 0.06%          | 0.006%        |
| 28        | 4.081       | 4.068        | 4.094      | VV       | 165            | 1546         | 0.02%          | 0.002%        |
| 29        | 4.106       | 4.094        | 4.124      | VV       | 248            | 3312         | 0.04%          | 0.004%        |
| 30        | 4.133       | 4.124        | 4.161      | VV       | 275            | 3884         | 0.05%          | 0.005%        |
| 31        | 4.180       | 4.161        | 4.200      | VV       | 124            | 2798         | 0.04%          | 0.004%        |
| 32        | 4.209       | 4.200        | 4.236      | VV       | 150            | 2244         | 0.03%          | 0.003%        |
| 33        | 4.308       | 4.236        | 4.324      | VV       | 314            | 8530         | 0.12%          | 0.011%        |
| 34        | 4.395       | 4.324        | 4.428      | VV       | 337            | 13528        | 0.18%          | 0.018%        |
| 35        | 4.461       | 4.428        | 4.484      | VV       | 275            | 5623         | 0.08%          | 0.007%        |
| 36        | 4.506       | 4.484        | 4.531      | VV       | 304            | 5274         | 0.07%          | 0.007%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.539 | 4.531 | 4.544 | VV | 191    | 1336   | 0.02% | 0.002% |
| 38 | 4.566 | 4.544 | 4.594 | VV | 957    | 13530  | 0.18% | 0.018% |
| 39 | 4.610 | 4.594 | 4.621 | VV | 297    | 3960   | 0.05% | 0.005% |
| 40 | 4.645 | 4.621 | 4.667 | VV | 345    | 5192   | 0.07% | 0.007% |
| 41 | 4.685 | 4.667 | 4.719 | VV | 300    | 4515   | 0.06% | 0.006% |
| 42 | 4.745 | 4.719 | 4.766 | VV | 469    | 7167   | 0.10% | 0.009% |
| 43 | 4.779 | 4.766 | 4.831 | VV | 288    | 7292   | 0.10% | 0.009% |
| 44 | 4.849 | 4.831 | 4.891 | VV | 635    | 10671  | 0.14% | 0.014% |
| 45 | 4.908 | 4.891 | 4.921 | VV | 339    | 4629   | 0.06% | 0.006% |
| 46 | 4.931 | 4.921 | 4.948 | VV | 372    | 4107   | 0.06% | 0.005% |
| 47 | 4.982 | 4.948 | 4.991 | VV | 361    | 5786   | 0.08% | 0.008% |
| 48 | 5.005 | 4.991 | 5.018 | VV | 486    | 6134   | 0.08% | 0.008% |
| 49 | 5.030 | 5.018 | 5.049 | VV | 453    | 6072   | 0.08% | 0.008% |
| 50 | 5.076 | 5.049 | 5.121 | VV | 1531   | 22388  | 0.30% | 0.029% |
| 51 | 5.152 | 5.121 | 5.170 | VV | 416    | 7681   | 0.10% | 0.010% |
| 52 | 5.182 | 5.170 | 5.214 | VV | 323    | 3453   | 0.05% | 0.004% |
| 53 | 5.243 | 5.214 | 5.258 | VV | 776    | 8829   | 0.12% | 0.011% |
| 54 | 5.277 | 5.258 | 5.298 | VV | 1020   | 13224  | 0.18% | 0.017% |
| 55 | 5.319 | 5.298 | 5.341 | VV | 1324   | 18755  | 0.25% | 0.024% |
| 56 | 5.361 | 5.341 | 5.370 | VV | 791    | 10734  | 0.14% | 0.014% |
| 57 | 5.385 | 5.370 | 5.427 | VV | 1249   | 18669  | 0.25% | 0.024% |
| 58 | 5.438 | 5.427 | 5.464 | VV | 216    | 2521   | 0.03% | 0.003% |
| 59 | 5.486 | 5.464 | 5.498 | PV | 817    | 9569   | 0.13% | 0.012% |
| 60 | 5.516 | 5.498 | 5.534 | VV | 1163   | 17319  | 0.23% | 0.022% |
| 61 | 5.550 | 5.534 | 5.564 | VV | 1200   | 16673  | 0.22% | 0.022% |
| 62 | 5.584 | 5.564 | 5.623 | VV | 1187   | 25301  | 0.34% | 0.033% |
| 63 | 5.646 | 5.623 | 5.684 | VV | 750    | 14843  | 0.20% | 0.019% |
| 64 | 5.707 | 5.684 | 5.765 | VV | 7681   | 124409 | 1.68% | 0.161% |
| 65 | 5.775 | 5.765 | 5.789 | VV | 361    | 4401   | 0.06% | 0.006% |
| 66 | 5.797 | 5.789 | 5.813 | VV | 161    | 1804   | 0.02% | 0.002% |
| 67 | 5.832 | 5.813 | 5.848 | PV | 340    | 4096   | 0.06% | 0.005% |
| 68 | 5.859 | 5.848 | 5.867 | VV | 288    | 1975   | 0.03% | 0.003% |
| 69 | 5.889 | 5.867 | 5.925 | VV | 2490   | 42434  | 0.57% | 0.055% |
| 70 | 5.935 | 5.925 | 5.954 | VV | 596    | 7366   | 0.10% | 0.010% |
| 71 | 5.971 | 5.954 | 5.985 | VV | 1297   | 12454  | 0.17% | 0.016% |
| 72 | 6.007 | 5.985 | 6.048 | VV | 3577   | 71558  | 0.96% | 0.093% |
| 73 | 6.069 | 6.048 | 6.084 | VV | 1501   | 21915  | 0.30% | 0.028% |
| 74 | 6.101 | 6.084 | 6.129 | VV | 2915   | 47151  | 0.64% | 0.061% |
| 75 | 6.136 | 6.129 | 6.153 | VV | 1108   | 11609  | 0.16% | 0.015% |
| 76 | 6.186 | 6.153 | 6.206 | VV | 1877   | 27599  | 0.37% | 0.036% |
| 77 | 6.238 | 6.206 | 6.261 | VV | 1904   | 34326  | 0.46% | 0.045% |
| 78 | 6.297 | 6.261 | 6.311 | VV | 2275   | 42959  | 0.58% | 0.056% |
| 79 | 6.335 | 6.311 | 6.358 | VV | 2934   | 47813  | 0.64% | 0.062% |
| 80 | 6.382 | 6.358 | 6.404 | VV | 3793   | 44060  | 0.59% | 0.057% |
| 81 | 6.445 | 6.404 | 6.494 | VV | 4256   | 114739 | 1.55% | 0.149% |
| 82 | 6.513 | 6.494 | 6.543 | VV | 2508   | 47622  | 0.64% | 0.062% |
| 83 | 6.562 | 6.543 | 6.588 | VV | 2985   | 48300  | 0.65% | 0.063% |
| 84 | 6.611 | 6.588 | 6.634 | VV | 1802   | 33641  | 0.45% | 0.044% |
| 85 | 6.670 | 6.634 | 6.716 | VV | 3944   | 98974  | 1.33% | 0.128% |
| 86 | 6.739 | 6.716 | 6.811 | VV | 18961  | 253659 | 3.42% | 0.329% |
| 87 | 6.830 | 6.811 | 6.843 | VV | 1560   | 21045  | 0.28% | 0.027% |
| 88 | 6.862 | 6.843 | 6.874 | VV | 2737   | 35276  | 0.48% | 0.046% |
| 89 | 6.892 | 6.874 | 6.918 | VV | 9023   | 115287 | 1.55% | 0.149% |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
|     |       |       |       |    | rteres |         |        |        |
| 90  | 6.943 | 6.918 | 6.955 | VV | 2777   | 48792   | 0.66%  | 0.063% |
| 91  | 6.965 | 6.955 | 6.981 | VV | 2296   | 28248   | 0.38%  | 0.037% |
| 92  | 7.027 | 6.981 | 7.048 | VV | 5624   | 101587  | 1.37%  | 0.132% |
| 93  | 7.068 | 7.048 | 7.118 | VV | 3939   | 102540  | 1.38%  | 0.133% |
| 94  | 7.151 | 7.118 | 7.180 | VV | 11238  | 168675  | 2.27%  | 0.219% |
| 95  | 7.191 | 7.180 | 7.203 | VV | 2209   | 27027   | 0.36%  | 0.035% |
| 96  | 7.272 | 7.203 | 7.293 | VV | 6732   | 182563  | 2.46%  | 0.237% |
| 97  | 7.315 | 7.293 | 7.340 | VV | 8338   | 119238  | 1.61%  | 0.155% |
| 98  | 7.360 | 7.340 | 7.373 | VV | 6720   | 90537   | 1.22%  | 0.117% |
| 99  | 7.386 | 7.373 | 7.404 | VV | 7617   | 105361  | 1.42%  | 0.137% |
| 100 | 7.418 | 7.404 | 7.440 | VV | 6325   | 86404   | 1.17%  | 0.112% |
| 101 | 7.461 | 7.440 | 7.501 | VV | 11543  | 183893  | 2.48%  | 0.238% |
| 102 | 7.529 | 7.501 | 7.545 | VV | 4051   | 76864   | 1.04%  | 0.100% |
| 103 | 7.561 | 7.545 | 7.579 | VV | 4307   | 58942   | 0.79%  | 0.076% |
| 104 | 7.597 | 7.579 | 7.617 | VV | 2626   | 55180   | 0.74%  | 0.072% |
| 105 | 7.688 | 7.617 | 7.714 | VV | 40423  | 645864  | 8.71%  | 0.837% |
| 106 | 7.730 | 7.714 | 7.754 | VV | 5842   | 107296  | 1.45%  | 0.139% |
| 107 | 7.775 | 7.754 | 7.799 | VV | 4436   | 103295  | 1.39%  | 0.134% |
| 108 | 7.811 | 7.799 | 7.833 | VV | 3141   | 55470   | 0.75%  | 0.072% |
| 109 | 7.865 | 7.833 | 7.904 | VV | 11901  | 252623  | 3.41%  | 0.328% |
| 110 | 7.920 | 7.904 | 7.939 | VV | 4693   | 72977   | 0.98%  | 0.095% |
| 111 | 7.961 | 7.939 | 7.981 | VV | 3640   | 73846   | 1.00%  | 0.096% |
| 112 | 8.123 | 8.104 | 8.135 | VV | 8569   | 138365  | 1.87%  | 0.179% |
| 113 | 8.149 | 8.135 | 8.162 | VV | 9436   | 135418  | 1.83%  | 0.176% |
| 114 | 8.172 | 8.162 | 8.191 | VV | 9207   | 128222  | 1.73%  | 0.166% |
| 115 | 8.216 | 8.191 | 8.238 | VV | 10127  | 187854  | 2.53%  | 0.244% |
| 116 | 8.263 | 8.238 | 8.283 | VV | 12303  | 199032  | 2.68%  | 0.258% |
| 117 | 8.305 | 8.283 | 8.314 | VV | 13127  | 169565  | 2.29%  | 0.220% |
| 118 | 8.322 | 8.314 | 8.348 | VV | 12419  | 178376  | 2.41%  | 0.231% |
| 119 | 8.390 | 8.348 | 8.431 | VV | 17343  | 359267  | 4.84%  | 0.466% |
| 120 | 8.440 | 8.431 | 8.464 | VV | 5164   | 90124   | 1.22%  | 0.117% |
| 121 | 8.481 | 8.464 | 8.495 | VV | 8760   | 120999  | 1.63%  | 0.157% |
| 122 | 8.510 | 8.495 | 8.521 | VV | 7467   | 102432  | 1.38%  | 0.133% |
| 123 | 8.571 | 8.521 | 8.601 | VV | 54979  | 856187  | 11.55% | 1.110% |
| 124 | 8.616 | 8.601 | 8.637 | VV | 9587   | 160015  | 2.16%  | 0.207% |
| 125 | 8.681 | 8.637 | 8.703 | VV | 8431   | 256694  | 3.46%  | 0.333% |
| 126 | 8.735 | 8.703 | 8.750 | VV | 9211   | 206725  | 2.79%  | 0.268% |
| 127 | 8.762 | 8.750 | 8.776 | VV | 8855   | 110568  | 1.49%  | 0.143% |
| 128 | 8.796 | 8.776 | 8.836 | VV | 11748  | 259220  | 3.50%  | 0.336% |
| 129 | 8.994 | 8.981 | 9.009 | VV | 14719  | 229025  | 3.09%  | 0.297% |
| 130 | 9.024 | 9.009 | 9.048 | VV | 15093  | 296302  | 4.00%  | 0.384% |
| 131 | 9.065 | 9.048 | 9.084 | VV | 14241  | 254218  | 3.43%  | 0.330% |
| 132 | 9.112 | 9.084 | 9.140 | VV | 31980  | 554362  | 7.48%  | 0.719% |
| 133 | 9.164 | 9.140 | 9.182 | VV | 12973  | 242060  | 3.26%  | 0.314% |
| 134 | 9.190 | 9.182 | 9.210 | VV | 8551   | 125474  | 1.69%  | 0.163% |
| 135 | 9.234 | 9.210 | 9.250 | VV | 9503   | 195355  | 2.63%  | 0.253% |
| 136 | 9.262 | 9.250 | 9.288 | VV | 9285   | 182557  | 2.46%  | 0.237% |
| 137 | 9.299 | 9.288 | 9.310 | VV | 6673   | 84866   | 1.14%  | 0.110% |
| 138 | 9.338 | 9.310 | 9.362 | VV | 9933   | 262280  | 3.54%  | 0.340% |
| 139 | 9.400 | 9.362 | 9.433 | VV | 75597  | 1067846 | 14.40% | 1.385% |
| 140 | 9.446 | 9.433 | 9.467 | VV | 10083  | 180835  | 2.44%  | 0.234% |
| 141 | 9.486 | 9.467 | 9.513 | VV | 10854  | 234589  | 3.16%  | 0.304% |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 142    | 9.535  | 9.513  | 9.576  | VV | 8199   | 276412  | 3.73%   | 0.358% |
| 143    | 9.603  | 9.576  | 9.618  | VV | 8839   | 178560  | 2.41%   | 0.232% |
| 144    | 9.635  | 9.618  | 9.670  | VV | 10007  | 238929  | 3.22%   | 0.310% |
| 145    | 9.692  | 9.670  | 9.722  | VV | 9857   | 262152  | 3.54%   | 0.340% |
| 146    | 9.737  | 9.722  | 9.752  | VV | 8185   | 130751  | 1.76%   | 0.170% |
| 147    | 9.778  | 9.752  | 9.808  | VV | 19199  | 433464  | 5.85%   | 0.562% |
| 148    | 9.821  | 9.808  | 9.835  | VV | 10984  | 151682  | 2.05%   | 0.197% |
| 149    | 9.862  | 9.835  | 9.885  | VV | 16887  | 367361  | 4.95%   | 0.476% |
| 150    | 9.907  | 9.885  | 9.927  | VV | 15867  | 291000  | 3.92%   | 0.377% |
| 151    | 9.939  | 9.927  | 9.947  | VV | 10277  | 112407  | 1.52%   | 0.146% |
| 152    | 9.962  | 9.947  | 9.988  | VV | 15583  | 264912  | 3.57%   | 0.343% |
| 153    | 10.018 | 9.988  | 10.044 | VV | 8043   | 241336  | 3.25%   | 0.313% |
| 154    | 10.066 | 10.044 | 10.114 | VV | 35641  | 752949  | 10.15%  | 0.976% |
| 155    | 10.137 | 10.114 | 10.160 | VV | 16394  | 373502  | 5.04%   | 0.484% |
| 156    | 10.183 | 10.160 | 10.231 | VV | 90777  | 1276344 | 17.21%  | 1.655% |
| 157    | 10.258 | 10.231 | 10.276 | VV | 10151  | 254827  | 3.44%   | 0.330% |
| 158    | 10.286 | 10.276 | 10.334 | VV | 9777   | 270360  | 3.65%   | 0.351% |
| 159    | 10.361 | 10.334 | 10.381 | VV | 8930   | 214227  | 2.89%   | 0.278% |
| 160    | 10.393 | 10.381 | 10.408 | VV | 7872   | 123295  | 1.66%   | 0.160% |
| 161    | 10.419 | 10.408 | 10.438 | VV | 7609   | 127855  | 1.72%   | 0.166% |
| 162    | 10.459 | 10.438 | 10.481 | VV | 8788   | 187500  | 2.53%   | 0.243% |
| 163    | 10.534 | 10.481 | 10.550 | VV | 22074  | 493267  | 6.65%   | 0.640% |
| 164    | 10.573 | 10.550 | 10.603 | VV | 38196  | 699153  | 9.43%   | 0.907% |
| 165    | 10.623 | 10.603 | 10.643 | VV | 13287  | 263944  | 3.56%   | 0.342% |
| 166    | 10.662 | 10.643 | 10.690 | VV | 16961  | 328266  | 4.43%   | 0.426% |
| 167    | 10.717 | 10.690 | 10.751 | VV | 17659  | 378602  | 5.11%   | 0.491% |
| 168    | 10.853 | 10.751 | 10.878 | VV | 9910   | 591236  | 7.97%   | 0.767% |
| 169    | 10.924 | 10.878 | 10.966 | VV | 90579  | 1390000 | 18.74%  | 1.802% |
| 170    | 10.997 | 10.966 | 11.028 | VV | 42622  | 802437  | 10.82%  | 1.040% |
| 171    | 11.043 | 11.028 | 11.079 | VV | 10188  | 261618  | 3.53%   | 0.339% |
| 172    | 11.141 | 11.079 | 11.158 | VV | 7795   | 330621  | 4.46%   | 0.429% |
| 173    | 11.179 | 11.158 | 11.195 | VV | 8195   | 166214  | 2.24%   | 0.216% |
| 174    | 11.208 | 11.195 | 11.222 | VV | 7435   | 116272  | 1.57%   | 0.151% |
| 175    | 11.250 | 11.222 | 11.285 | VV | 13796  | 416473  | 5.62%   | 0.540% |
| 176    | 11.318 | 11.285 | 11.360 | VV | 15940  | 509713  | 6.87%   | 0.661% |
| 177    | 11.380 | 11.360 | 11.415 | VV | 13953  | 300415  | 4.05%   | 0.390% |
| 178    | 11.433 | 11.415 | 11.470 | VV | 12093  | 269677  | 3.64%   | 0.350% |
| 179    | 11.497 | 11.470 | 11.522 | VV | 6553   | 190586  | 2.57%   | 0.247% |
| 180    | 11.587 | 11.522 | 11.599 | VV | 7592   | 320560  | 4.32%   | 0.416% |
| 181    | 11.630 | 11.599 | 11.694 | VV | 81143  | 1248845 | 16.84%  | 1.619% |
| 182    | 11.721 | 11.694 | 11.768 | VV | 30583  | 606105  | 8.17%   | 0.786% |
| 183    | 11.786 | 11.768 | 11.810 | VV | 6823   | 153933  | 2.08%   | 0.200% |
| 184    | 11.829 | 11.810 | 11.853 | VV | 6569   | 140426  | 1.89%   | 0.182% |
| 185    | 11.955 | 11.853 | 12.004 | VV | 636689 | 7415554 | 100.00% | 9.615% |
| 186    | 12.027 | 12.004 | 12.045 | VV | 12751  | 250325  | 3.38%   | 0.325% |
| 187    | 12.064 | 12.045 | 12.097 | VV | 13044  | 283682  | 3.83%   | 0.368% |
| 188    | 12.116 | 12.097 | 12.167 | VV | 10869  | 282160  | 3.80%   | 0.366% |
| 189    | 12.186 | 12.167 | 12.231 | VV | 6083   | 200933  | 2.71%   | 0.261% |
| 190    | 12.239 | 12.231 | 12.253 | VV | 5167   | 65202   | 0.88%   | 0.085% |
| 191    | 12.301 | 12.253 | 12.331 | VV | 64516  | 1004683 | 13.55%  | 1.303% |
| 192    | 12.345 | 12.331 | 12.358 | VV | 6613   | 96954   | 1.31%   | 0.126% |
| 193    | 12.373 | 12.358 | 12.393 | VV | 5824   | 119551  | 1.61%   | 0.155% |
| 194    | 12.406 | 12.393 | 12.424 | VV | 5737   | 98302   | 1.33%   | 0.127% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.444 | 12.424 | 12.475 | VV | 5871   | 140690  | 1.90%  | 0.182% |
| 196 | 12.498 | 12.475 | 12.518 | VV | 4434   | 93337   | 1.26%  | 0.121% |
| 197 | 12.564 | 12.518 | 12.626 | VV | 27525  | 660135  | 8.90%  | 0.856% |
| 198 | 12.639 | 12.626 | 12.658 | VV | 6149   | 104785  | 1.41%  | 0.136% |
| 199 | 12.683 | 12.658 | 12.699 | VV | 7640   | 160171  | 2.16%  | 0.208% |
| 200 | 12.714 | 12.699 | 12.747 | VV | 9510   | 175924  | 2.37%  | 0.228% |
| 201 | 12.767 | 12.747 | 12.791 | VV | 6953   | 130236  | 1.76%  | 0.169% |
| 202 | 12.801 | 12.791 | 12.840 | VV | 4139   | 105462  | 1.42%  | 0.137% |
| 203 | 12.869 | 12.840 | 12.894 | VV | 4690   | 123668  | 1.67%  | 0.160% |
| 204 | 12.943 | 12.894 | 12.989 | VV | 52353  | 778823  | 10.50% | 1.010% |
| 205 | 13.010 | 12.989 | 13.075 | VV | 8397   | 257083  | 3.47%  | 0.333% |
| 206 | 13.090 | 13.075 | 13.114 | VV | 3302   | 55824   | 0.75%  | 0.072% |
| 207 | 13.124 | 13.114 | 13.143 | VV | 1673   | 26984   | 0.36%  | 0.035% |
| 208 | 13.158 | 13.143 | 13.173 | VV | 1889   | 30376   | 0.41%  | 0.039% |
| 209 | 13.199 | 13.173 | 13.221 | VV | 4497   | 95639   | 1.29%  | 0.124% |
| 210 | 13.231 | 13.221 | 13.252 | VV | 3559   | 54349   | 0.73%  | 0.070% |
| 211 | 13.267 | 13.252 | 13.286 | VV | 2868   | 44525   | 0.60%  | 0.058% |
| 212 | 13.306 | 13.286 | 13.319 | VV | 3748   | 52181   | 0.70%  | 0.068% |
| 213 | 13.353 | 13.319 | 13.365 | VV | 17238  | 276493  | 3.73%  | 0.359% |
| 214 | 13.393 | 13.365 | 13.426 | VV | 387559 | 4576095 | 61.71% | 5.933% |
| 215 | 13.436 | 13.426 | 13.469 | VV | 6607   | 127442  | 1.72%  | 0.165% |
| 216 | 13.476 | 13.469 | 13.530 | VV | 2682   | 86970   | 1.17%  | 0.113% |
| 217 | 13.556 | 13.530 | 13.586 | VV | 36093  | 459504  | 6.20%  | 0.596% |
| 218 | 13.617 | 13.586 | 13.649 | VV | 4644   | 135391  | 1.83%  | 0.176% |
| 219 | 13.656 | 13.649 | 13.710 | VV | 2608   | 66869   | 0.90%  | 0.087% |
| 220 | 13.725 | 13.710 | 13.751 | VV | 1754   | 27802   | 0.37%  | 0.036% |
| 221 | 13.791 | 13.751 | 13.818 | VV | 4846   | 113891  | 1.54%  | 0.148% |
| 222 | 13.824 | 13.818 | 13.853 | VV | 2980   | 53205   | 0.72%  | 0.069% |
| 223 | 13.867 | 13.853 | 13.885 | VV | 2040   | 29782   | 0.40%  | 0.039% |
| 224 | 13.904 | 13.885 | 13.924 | VV | 2368   | 37354   | 0.50%  | 0.048% |
| 225 | 13.938 | 13.924 | 13.960 | VV | 2446   | 42042   | 0.57%  | 0.055% |
| 226 | 13.983 | 13.960 | 14.024 | VV | 3389   | 74502   | 1.00%  | 0.097% |
| 227 | 14.066 | 14.024 | 14.084 | VV | 1447   | 45492   | 0.61%  | 0.059% |
| 228 | 14.100 | 14.084 | 14.118 | VV | 2573   | 34656   | 0.47%  | 0.045% |
| 229 | 14.144 | 14.118 | 14.180 | VV | 24481  | 317607  | 4.28%  | 0.412% |
| 230 | 14.200 | 14.180 | 14.221 | VV | 2469   | 43716   | 0.59%  | 0.057% |
| 231 | 14.233 | 14.221 | 14.244 | VV | 1650   | 18693   | 0.25%  | 0.024% |
| 232 | 14.271 | 14.244 | 14.317 | VV | 9593   | 140130  | 1.89%  | 0.182% |
| 233 | 14.371 | 14.317 | 14.426 | PV | 3064   | 87461   | 1.18%  | 0.113% |
| 234 | 14.441 | 14.426 | 14.458 | VV | 1002   | 15894   | 0.21%  | 0.021% |
| 235 | 14.475 | 14.458 | 14.490 | VV | 772    | 10430   | 0.14%  | 0.014% |
| 236 | 14.542 | 14.490 | 14.606 | VV | 12132  | 291970  | 3.94%  | 0.379% |
| 237 | 14.647 | 14.606 | 14.678 | VV | 2105   | 54780   | 0.74%  | 0.071% |
| 238 | 14.707 | 14.678 | 14.738 | VV | 17449  | 219510  | 2.96%  | 0.285% |
| 239 | 14.814 | 14.738 | 14.888 | VV | 6933   | 189627  | 2.56%  | 0.246% |
| 240 | 14.914 | 14.888 | 14.943 | PV | 1536   | 29944   | 0.40%  | 0.039% |
| 241 | 14.964 | 14.943 | 14.981 | VV | 1378   | 24602   | 0.33%  | 0.032% |
| 242 | 14.994 | 14.981 | 15.018 | VV | 1780   | 25382   | 0.34%  | 0.033% |
| 243 | 15.028 | 15.018 | 15.043 | VV | 1107   | 11494   | 0.15%  | 0.015% |
| 244 | 15.060 | 15.043 | 15.073 | VV | 1119   | 14158   | 0.19%  | 0.018% |
| 245 | 15.101 | 15.073 | 15.128 | VV | 1995   | 41619   | 0.56%  | 0.054% |
| 246 | 15.137 | 15.128 | 15.161 | VV | 1002   | 11609   | 0.16%  | 0.015% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 247 | 15.188 | 15.161 | 15.197 | VV | 823    | 10346  | 0.14% | 0.013% |
| 248 | 15.214 | 15.197 | 15.228 | VV | 1138   | 13998  | 0.19% | 0.018% |
| 249 | 15.249 | 15.228 | 15.278 | VV | 14329  | 181817 | 2.45% | 0.236% |
| 250 | 15.300 | 15.278 | 15.331 | VV | 1762   | 39202  | 0.53% | 0.051% |
| 251 | 15.351 | 15.331 | 15.368 | VV | 1125   | 19084  | 0.26% | 0.025% |
| 252 | 15.396 | 15.368 | 15.421 | VV | 1551   | 24484  | 0.33% | 0.032% |
| 253 | 15.447 | 15.421 | 15.475 | VV | 1497   | 30081  | 0.41% | 0.039% |
| 254 | 15.498 | 15.475 | 15.511 | VV | 823    | 11288  | 0.15% | 0.015% |
| 255 | 15.519 | 15.511 | 15.535 | VV | 936    | 8551   | 0.12% | 0.011% |
| 256 | 15.582 | 15.535 | 15.604 | VV | 1084   | 28858  | 0.39% | 0.037% |
| 257 | 15.636 | 15.604 | 15.704 | VV | 26962  | 523820 | 7.06% | 0.679% |
| 258 | 15.721 | 15.704 | 15.738 | VV | 1563   | 26277  | 0.35% | 0.034% |
| 259 | 15.772 | 15.738 | 15.823 | VV | 11804  | 221307 | 2.98% | 0.287% |
| 260 | 15.843 | 15.823 | 15.883 | VV | 3226   | 66394  | 0.90% | 0.086% |
| 261 | 15.909 | 15.883 | 15.928 | VV | 1558   | 25241  | 0.34% | 0.033% |
| 262 | 15.963 | 15.928 | 15.979 | VV | 670    | 15625  | 0.21% | 0.020% |
| 263 | 15.993 | 15.979 | 16.013 | VV | 916    | 10289  | 0.14% | 0.013% |
| 264 | 16.050 | 16.013 | 16.060 | VV | 899    | 17799  | 0.24% | 0.023% |
| 265 | 16.087 | 16.060 | 16.128 | VV | 1935   | 48742  | 0.66% | 0.063% |
| 266 | 16.152 | 16.128 | 16.194 | VV | 1225   | 32776  | 0.44% | 0.042% |
| 267 | 16.273 | 16.194 | 16.301 | VV | 11334  | 179730 | 2.42% | 0.233% |
| 268 | 16.318 | 16.301 | 16.331 | VV | 1398   | 21107  | 0.28% | 0.027% |
| 269 | 16.348 | 16.331 | 16.389 | VV | 1071   | 21081  | 0.28% | 0.027% |
| 270 | 16.395 | 16.389 | 16.401 | VV | 379    | 1820   | 0.02% | 0.002% |
| 271 | 16.409 | 16.401 | 16.430 | VV | 648    | 5031   | 0.07% | 0.007% |
| 272 | 16.466 | 16.430 | 16.511 | PV | 1611   | 38951  | 0.53% | 0.051% |
| 273 | 16.584 | 16.511 | 16.620 | VV | 2187   | 69635  | 0.94% | 0.090% |
| 274 | 16.658 | 16.620 | 16.681 | VV | 3047   | 64436  | 0.87% | 0.084% |
| 275 | 16.686 | 16.681 | 16.711 | VV | 1320   | 16235  | 0.22% | 0.021% |
| 276 | 16.720 | 16.711 | 16.730 | VV | 743    | 8495   | 0.11% | 0.011% |
| 277 | 16.758 | 16.730 | 16.811 | VV | 10059  | 163804 | 2.21% | 0.212% |
| 278 | 16.839 | 16.811 | 16.865 | VV | 2151   | 43286  | 0.58% | 0.056% |
| 279 | 16.905 | 16.865 | 16.942 | VV | 2308   | 69987  | 0.94% | 0.091% |
| 280 | 16.972 | 16.942 | 17.015 | VV | 2079   | 59422  | 0.80% | 0.077% |
| 281 | 17.026 | 17.015 | 17.037 | VV | 1027   | 9314   | 0.13% | 0.012% |
| 282 | 17.081 | 17.037 | 17.090 | VV | 1437   | 33808  | 0.46% | 0.044% |
| 283 | 17.112 | 17.090 | 17.161 | VV | 1627   | 40119  | 0.54% | 0.052% |
| 284 | 17.225 | 17.161 | 17.262 | PV | 12787  | 234729 | 3.17% | 0.304% |
| 285 | 17.279 | 17.262 | 17.301 | VV | 2874   | 53847  | 0.73% | 0.070% |
| 286 | 17.312 | 17.301 | 17.384 | VV | 1700   | 40652  | 0.55% | 0.053% |
| 287 | 17.410 | 17.384 | 17.438 | PV | 1471   | 31229  | 0.42% | 0.040% |
| 288 | 17.472 | 17.438 | 17.498 | VV | 2368   | 53702  | 0.72% | 0.070% |
| 289 | 17.551 | 17.498 | 17.581 | VV | 2937   | 81738  | 1.10% | 0.106% |
| 290 | 17.611 | 17.581 | 17.632 | VV | 2915   | 70586  | 0.95% | 0.092% |
| 291 | 17.678 | 17.632 | 17.706 | VV | 14787  | 242004 | 3.26% | 0.314% |
| 292 | 17.720 | 17.706 | 17.738 | VV | 2364   | 26426  | 0.36% | 0.034% |
| 293 | 17.754 | 17.738 | 17.767 | VV | 2049   | 24566  | 0.33% | 0.032% |
| 294 | 17.792 | 17.767 | 17.830 | VV | 3202   | 62710  | 0.85% | 0.081% |
| 295 | 17.858 | 17.830 | 17.872 | VV | 2261   | 35652  | 0.48% | 0.046% |
| 296 | 17.886 | 17.872 | 17.908 | VV | 1471   | 20328  | 0.27% | 0.026% |
| 297 | 17.968 | 17.908 | 17.988 | VV | 1288   | 31853  | 0.43% | 0.041% |
| 298 | 18.005 | 17.988 | 18.016 | PV | 1620   | 17843  | 0.24% | 0.023% |
| 299 | 18.116 | 18.016 | 18.146 | VV | 18087  | 361994 | 4.88% | 0.469% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 18.166 | 18.146 | 18.190 | VV | 2789   | 43640   | 0.59%  | 0.057% |
| 301 | 18.264 | 18.190 | 18.335 | VV | 6921   | 219031  | 2.95%  | 0.284% |
| 302 | 18.398 | 18.335 | 18.420 | VV | 813    | 31964   | 0.43%  | 0.041% |
| 303 | 18.442 | 18.420 | 18.454 | VV | 2803   | 37189   | 0.50%  | 0.048% |
| 304 | 18.482 | 18.454 | 18.512 | VV | 11174  | 225443  | 3.04%  | 0.292% |
| 305 | 18.539 | 18.512 | 18.569 | VV | 18245  | 285532  | 3.85%  | 0.370% |
| 306 | 18.633 | 18.569 | 18.687 | VV | 6374   | 184909  | 2.49%  | 0.240% |
| 307 | 18.707 | 18.687 | 18.728 | VV | 1917   | 28598   | 0.39%  | 0.037% |
| 308 | 18.760 | 18.728 | 18.774 | VV | 1730   | 31833   | 0.43%  | 0.041% |
| 309 | 18.834 | 18.774 | 18.845 | VV | 2039   | 57624   | 0.78%  | 0.075% |
| 310 | 18.857 | 18.845 | 18.881 | VV | 1689   | 20187   | 0.27%  | 0.026% |
| 311 | 18.949 | 18.881 | 18.996 | PV | 21783  | 397624  | 5.36%  | 0.516% |
| 312 | 19.012 | 18.996 | 19.022 | VV | 1659   | 20013   | 0.27%  | 0.026% |
| 313 | 19.054 | 19.022 | 19.084 | VV | 6431   | 138851  | 1.87%  | 0.180% |
| 314 | 19.108 | 19.084 | 19.133 | VV | 5942   | 118841  | 1.60%  | 0.154% |
| 315 | 19.150 | 19.133 | 19.163 | VV | 3762   | 53002   | 0.71%  | 0.069% |
| 316 | 19.166 | 19.163 | 19.175 | VV | 2201   | 14278   | 0.19%  | 0.019% |
| 317 | 19.208 | 19.175 | 19.220 | VV | 3189   | 68972   | 0.93%  | 0.089% |
| 318 | 19.234 | 19.220 | 19.253 | VV | 3608   | 60595   | 0.82%  | 0.079% |
| 319 | 19.316 | 19.253 | 19.329 | VV | 14268  | 307472  | 4.15%  | 0.399% |
| 320 | 19.349 | 19.329 | 19.409 | VV | 22303  | 524300  | 7.07%  | 0.680% |
| 321 | 19.429 | 19.409 | 19.436 | VV | 4447   | 64839   | 0.87%  | 0.084% |
| 322 | 19.455 | 19.436 | 19.474 | VV | 5813   | 108555  | 1.46%  | 0.141% |
| 323 | 19.561 | 19.474 | 19.578 | VV | 5764   | 307006  | 4.14%  | 0.398% |
| 324 | 19.603 | 19.578 | 19.622 | VV | 5854   | 136683  | 1.84%  | 0.177% |
| 325 | 19.647 | 19.622 | 19.681 | VV | 6302   | 178697  | 2.41%  | 0.232% |
| 326 | 19.737 | 19.681 | 19.761 | VV | 22329  | 483176  | 6.52%  | 0.626% |
| 327 | 19.771 | 19.761 | 19.792 | VV | 8387   | 137328  | 1.85%  | 0.178% |
| 328 | 19.810 | 19.792 | 19.820 | VV | 7851   | 111830  | 1.51%  | 0.145% |
| 329 | 19.861 | 19.820 | 19.891 | VV | 9778   | 340304  | 4.59%  | 0.441% |
| 330 | 19.923 | 19.891 | 19.953 | VV | 8753   | 295639  | 3.99%  | 0.383% |
| 331 | 19.979 | 19.953 | 20.001 | VV | 9500   | 250972  | 3.38%  | 0.325% |
| 332 | 20.025 | 20.001 | 20.044 | VV | 11119  | 258882  | 3.49%  | 0.336% |
| 333 | 20.111 | 20.044 | 20.154 | VV | 25371  | 933703  | 12.59% | 1.211% |
| 334 | 20.165 | 20.154 | 20.198 | VV | 12974  | 311325  | 4.20%  | 0.404% |
| 335 | 20.225 | 20.198 | 20.238 | VV | 11719  | 272622  | 3.68%  | 0.353% |
| 336 | 20.280 | 20.238 | 20.300 | VV | 14194  | 472830  | 6.38%  | 0.613% |
| 337 | 20.360 | 20.300 | 20.373 | VV | 16880  | 634048  | 8.55%  | 0.822% |
| 338 | 20.387 | 20.373 | 20.410 | VV | 17937  | 357517  | 4.82%  | 0.464% |
| 339 | 20.426 | 20.410 | 20.447 | VV | 15381  | 335812  | 4.53%  | 0.435% |
| 340 | 20.478 | 20.447 | 20.505 | VV | 27256  | 725034  | 9.78%  | 0.940% |
| 341 | 20.516 | 20.505 | 20.531 | VV | 17658  | 264243  | 3.56%  | 0.343% |
| 342 | 20.548 | 20.531 | 20.564 | VV | 19131  | 365750  | 4.93%  | 0.474% |
| 343 | 20.579 | 20.564 | 20.588 | VV | 17811  | 246496  | 3.32%  | 0.320% |
| 344 | 20.643 | 20.588 | 20.664 | VV | 28373  | 1015105 | 13.69% | 1.316% |
| 345 | 20.692 | 20.664 | 20.735 | VV | 23982  | 955633  | 12.89% | 1.239% |
| 346 | 20.749 | 20.735 | 20.772 | VV | 21394  | 450275  | 6.07%  | 0.584% |
| 347 | 20.779 | 20.772 | 20.800 | VV | 20460  | 346912  | 4.68%  | 0.450% |
| 348 | 20.839 | 20.800 | 20.914 | VV | 29292  | 1547008 | 20.86% | 2.006% |
| 349 | 20.964 | 20.914 | 20.988 | VV | 20678  | 879839  | 11.86% | 1.141% |
| 350 | 21.004 | 20.988 | 21.044 | VV | 20883  | 670406  | 9.04%  | 0.869% |
| 351 | 21.059 | 21.044 | 21.113 | VV | 19400  | 764987  | 10.32% | 0.992% |

|                         |        |        |        |    | rteres   |         |        |        |
|-------------------------|--------|--------|--------|----|----------|---------|--------|--------|
| 352                     | 21.125 | 21.113 | 21.148 | VV | 18655    | 368278  | 4.97%  | 0.478% |
| 353                     | 21.166 | 21.148 | 21.178 | VV | 17862    | 314794  | 4.25%  | 0.408% |
| 354                     | 21.229 | 21.178 | 21.272 | VV | 23086    | 1028605 | 13.87% | 1.334% |
| 355                     | 21.280 | 21.272 | 21.303 | VV | 15711    | 281649  | 3.80%  | 0.365% |
| 356                     | 21.316 | 21.303 | 21.340 | VV | 15640    | 330117  | 4.45%  | 0.428% |
| 357                     | 21.352 | 21.340 | 21.368 | VV | 15028    | 239674  | 3.23%  | 0.311% |
| 358                     | 21.409 | 21.368 | 21.421 | VV | 15463    | 480636  | 6.48%  | 0.623% |
| 359                     | 21.427 | 21.421 | 21.443 | VV | 15076    | 195548  | 2.64%  | 0.254% |
| 360                     | 21.454 | 21.443 | 21.472 | VV | 14965    | 248644  | 3.35%  | 0.322% |
| 361                     | 21.481 | 21.472 | 21.494 | VV | 13883    | 174270  | 2.35%  | 0.226% |
| 362                     | 21.505 | 21.494 | 21.534 | VV | 13971    | 324353  | 4.37%  | 0.421% |
| 363                     | 21.555 | 21.534 | 21.588 | VV | 13828    | 411361  | 5.55%  | 0.533% |
| 364                     | 21.605 | 21.588 | 21.624 | VV | 11849    | 247026  | 3.33%  | 0.320% |
| 365                     | 21.670 | 21.624 | 21.718 | VV | 13702    | 645361  | 8.70%  | 0.837% |
| 366                     | 21.724 | 21.718 | 21.743 | VV | 10183    | 148004  | 2.00%  | 0.192% |
| 367                     | 21.761 | 21.743 | 21.802 | VV | 9393     | 320100  | 4.32%  | 0.415% |
| 368                     | 21.820 | 21.802 | 21.844 | VV | 9057     | 210647  | 2.84%  | 0.273% |
| 369                     | 21.879 | 21.844 | 21.889 | VV | 8244     | 205577  | 2.77%  | 0.267% |
| 370                     | 21.900 | 21.889 | 21.927 | VV | 8064     | 167579  | 2.26%  | 0.217% |
| 371                     | 21.935 | 21.927 | 21.956 | VV | 7044     | 113505  | 1.53%  | 0.147% |
| 372                     | 21.966 | 21.956 | 21.999 | VV | 6447     | 147667  | 1.99%  | 0.191% |
| 373                     | 22.012 | 21.999 | 22.023 | VV | 5420     | 75121   | 1.01%  | 0.097% |
| 374                     | 22.038 | 22.023 | 22.068 | VV | 6028     | 123240  | 1.66%  | 0.160% |
| 375                     | 22.082 | 22.068 | 22.091 | VV | 4406     | 51120   | 0.69%  | 0.066% |
| 376                     | 22.103 | 22.091 | 22.117 | VV | 4466     | 65099   | 0.88%  | 0.084% |
| 377                     | 22.155 | 22.117 | 22.211 | VV | 6278     | 249549  | 3.37%  | 0.324% |
| 378                     | 22.230 | 22.211 | 22.268 | VV | 3148     | 63714   | 0.86%  | 0.083% |
| Sum of corrected areas: |        |        |        |    | 77123135 |         |        |        |

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