

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD013125AL\  
 Data File : FD049028.D  
 Signal(s) : FID2B.ch  
 Acq On : 31 Jan 2025 17:55  
 Sample : Q1236-04  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 012425.M  
 Title : GC Extractables

Signal : FID2B.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         | 2.691       | 2.664        | 2.863      | BV       | 88             | 3192         | 0.09%          | 0.012%        |
| 2         | 2.874       | 2.863        | 2.891      | PV       | 192            | 2136         | 0.06%          | 0.008%        |
| 3         | 2.900       | 2.891        | 3.107      | VV       | 269            | 29258        | 0.85%          | 0.111%        |
| 4         | 3.115       | 3.107        | 3.122      | VV       | 455            | 3448         | 0.10%          | 0.013%        |
| 5         | 3.128       | 3.122        | 3.170      | VV       | 554            | 7564         | 0.22%          | 0.029%        |
| 6         | 3.189       | 3.170        | 3.216      | PV       | 256            | 2844         | 0.08%          | 0.011%        |
| 7         | 3.231       | 3.216        | 3.248      | VV       | 232            | 2917         | 0.08%          | 0.011%        |
| 8         | 3.271       | 3.248        | 3.367      | VV       | 2549           | 37172        | 1.07%          | 0.140%        |
| 9         | 3.391       | 3.367        | 3.490      | VV       | 16000          | 149904       | 4.33%          | 0.566%        |
| 10        | 3.513       | 3.490        | 3.604      | VV       | 29554          | 268328       | 7.75%          | 1.014%        |
| 11        | 3.615       | 3.604        | 3.652      | VV       | 158            | 3603         | 0.10%          | 0.014%        |
| 12        | 3.683       | 3.652        | 3.708      | PV       | 257            | 5447         | 0.16%          | 0.021%        |
| 13        | 3.716       | 3.708        | 3.764      | VV       | 165            | 4424         | 0.13%          | 0.017%        |
| 14        | 3.798       | 3.764        | 3.820      | VV       | 1580           | 18935        | 0.55%          | 0.072%        |
| 15        | 3.831       | 3.820        | 3.856      | VV       | 178            | 3307         | 0.10%          | 0.012%        |
| 16        | 3.876       | 3.856        | 3.891      | VV       | 689            | 10395        | 0.30%          | 0.039%        |
| 17        | 3.899       | 3.891        | 3.928      | VV       | 694            | 12257        | 0.35%          | 0.046%        |
| 18        | 3.937       | 3.928        | 3.955      | VV       | 511            | 7757         | 0.22%          | 0.029%        |
| 19        | 3.979       | 3.955        | 4.090      | VV       | 11614          | 187879       | 5.43%          | 0.710%        |
| 20        | 4.104       | 4.090        | 4.115      | VV       | 500            | 6569         | 0.19%          | 0.025%        |
| 21        | 4.121       | 4.115        | 4.147      | VV       | 496            | 6813         | 0.20%          | 0.026%        |
| 22        | 4.167       | 4.147        | 4.250      | VV       | 425            | 16221        | 0.47%          | 0.061%        |
| 23        | 4.263       | 4.250        | 4.294      | VV       | 315            | 5311         | 0.15%          | 0.020%        |
| 24        | 4.319       | 4.294        | 4.329      | VV       | 1340           | 14170        | 0.41%          | 0.054%        |
| 25        | 4.349       | 4.329        | 4.489      | VV       | 13645          | 192367       | 5.56%          | 0.727%        |
| 26        | 4.505       | 4.489        | 4.520      | VV       | 307            | 4059         | 0.12%          | 0.015%        |
| 27        | 4.541       | 4.520        | 4.634      | VV       | 308            | 11620        | 0.34%          | 0.044%        |
| 28        | 4.649       | 4.634        | 4.667      | PV       | 225            | 2469         | 0.07%          | 0.009%        |
| 29        | 4.687       | 4.667        | 4.734      | VV       | 329            | 5006         | 0.14%          | 0.019%        |
| 30        | 4.801       | 4.734        | 4.828      | PV       | 311            | 10179        | 0.29%          | 0.038%        |
| 31        | 4.846       | 4.828        | 4.872      | VV       | 310            | 5626         | 0.16%          | 0.021%        |
| 32        | 4.904       | 4.872        | 4.915      | VV       | 353            | 5658         | 0.16%          | 0.021%        |
| 33        | 4.926       | 4.915        | 4.954      | VV       | 239            | 3514         | 0.10%          | 0.013%        |
| 34        | 4.982       | 4.954        | 4.998      | VV       | 303            | 5148         | 0.15%          | 0.019%        |
| 35        | 5.008       | 4.998        | 5.019      | VV       | 221            | 2132         | 0.06%          | 0.008%        |
| 36        | 5.047       | 5.019        | 5.062      | VV       | 295            | 5847         | 0.17%          | 0.022%        |

|    |       |       |       |    |        |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
|    |       |       |       |    | rteres |        |       |        |
| 37 | 5.073 | 5.062 | 5.121 | VV | 448    | 9254   | 0.27% | 0.035% |
| 38 | 5.144 | 5.121 | 5.161 | VV | 510    | 8742   | 0.25% | 0.033% |
| 39 | 5.170 | 5.161 | 5.186 | VV | 277    | 2993   | 0.09% | 0.011% |
| 40 | 5.202 | 5.186 | 5.247 | VV | 258    | 5265   | 0.15% | 0.020% |
| 41 | 5.269 | 5.247 | 5.284 | PV | 272    | 2449   | 0.07% | 0.009% |
| 42 | 5.314 | 5.284 | 5.411 | VV | 14665  | 175594 | 5.07% | 0.664% |
| 43 | 5.433 | 5.411 | 5.514 | VV | 1965   | 40077  | 1.16% | 0.151% |
| 44 | 5.525 | 5.514 | 5.554 | VV | 693    | 8995   | 0.26% | 0.034% |
| 45 | 5.607 | 5.554 | 5.655 | VV | 4275   | 60184  | 1.74% | 0.227% |
| 46 | 5.668 | 5.655 | 5.701 | VV | 436    | 6906   | 0.20% | 0.026% |
| 47 | 5.711 | 5.701 | 5.721 | VV | 407    | 2763   | 0.08% | 0.010% |
| 48 | 5.767 | 5.721 | 5.780 | VV | 394    | 8157   | 0.24% | 0.031% |
| 49 | 5.791 | 5.780 | 5.831 | VV | 306    | 4665   | 0.13% | 0.018% |
| 50 | 5.839 | 5.831 | 5.844 | VV | 169    | 1220   | 0.04% | 0.005% |
| 51 | 5.876 | 5.844 | 5.968 | VV | 1858   | 39184  | 1.13% | 0.148% |
| 52 | 5.999 | 5.968 | 6.021 | VV | 330    | 6470   | 0.19% | 0.024% |
| 53 | 6.035 | 6.021 | 6.058 | VV | 286    | 3256   | 0.09% | 0.012% |
| 54 | 6.070 | 6.058 | 6.097 | PV | 225    | 2642   | 0.08% | 0.010% |
| 55 | 6.113 | 6.097 | 6.143 | VV | 271    | 3540   | 0.10% | 0.013% |
| 56 | 6.169 | 6.143 | 6.264 | VV | 355    | 10933  | 0.32% | 0.041% |
| 57 | 6.272 | 6.264 | 6.303 | VV | 273    | 4901   | 0.14% | 0.019% |
| 58 | 6.314 | 6.303 | 6.368 | VV | 381    | 7625   | 0.22% | 0.029% |
| 59 | 6.422 | 6.368 | 6.432 | VV | 300    | 6722   | 0.19% | 0.025% |
| 60 | 6.440 | 6.432 | 6.504 | VV | 303    | 6250   | 0.18% | 0.024% |
| 61 | 6.511 | 6.504 | 6.520 | VV | 269    | 1378   | 0.04% | 0.005% |
| 62 | 6.549 | 6.520 | 6.568 | PV | 306    | 5440   | 0.16% | 0.021% |
| 63 | 6.620 | 6.568 | 6.694 | VV | 364    | 17844  | 0.52% | 0.067% |
| 64 | 6.698 | 6.694 | 6.720 | VV | 270    | 2958   | 0.09% | 0.011% |
| 65 | 6.747 | 6.720 | 6.819 | VV | 21310  | 226019 | 6.53% | 0.854% |
| 66 | 6.835 | 6.819 | 6.858 | VV | 559    | 9636   | 0.28% | 0.036% |
| 67 | 6.866 | 6.858 | 6.894 | VV | 385    | 7119   | 0.21% | 0.027% |
| 68 | 6.911 | 6.894 | 6.943 | VV | 443    | 7522   | 0.22% | 0.028% |
| 69 | 6.970 | 6.943 | 6.984 | VV | 367    | 6541   | 0.19% | 0.025% |
| 70 | 6.994 | 6.984 | 7.004 | VV | 335    | 3311   | 0.10% | 0.013% |
| 71 | 7.017 | 7.004 | 7.059 | VV | 449    | 10505  | 0.30% | 0.040% |
| 72 | 7.085 | 7.059 | 7.122 | VV | 1084   | 20237  | 0.58% | 0.076% |
| 73 | 7.131 | 7.122 | 7.168 | VV | 241    | 3658   | 0.11% | 0.014% |
| 74 | 7.182 | 7.168 | 7.204 | PV | 201    | 2454   | 0.07% | 0.009% |
| 75 | 7.264 | 7.204 | 7.272 | VV | 241    | 5840   | 0.17% | 0.022% |
| 76 | 7.289 | 7.272 | 7.304 | VV | 271    | 3518   | 0.10% | 0.013% |
| 77 | 7.339 | 7.304 | 7.363 | VV | 1432   | 21688  | 0.63% | 0.082% |
| 78 | 7.375 | 7.363 | 7.428 | VV | 399    | 10164  | 0.29% | 0.038% |
| 79 | 7.456 | 7.428 | 7.471 | VV | 273    | 5235   | 0.15% | 0.020% |
| 80 | 7.494 | 7.471 | 7.507 | VV | 493    | 6543   | 0.19% | 0.025% |
| 81 | 7.532 | 7.507 | 7.578 | VV | 1180   | 26011  | 0.75% | 0.098% |
| 82 | 7.589 | 7.578 | 7.612 | VV | 355    | 5932   | 0.17% | 0.022% |
| 83 | 7.630 | 7.612 | 7.671 | VV | 433    | 11715  | 0.34% | 0.044% |
| 84 | 7.692 | 7.671 | 7.730 | VV | 1301   | 20528  | 0.59% | 0.078% |
| 85 | 7.751 | 7.730 | 7.774 | VV | 847    | 12528  | 0.36% | 0.047% |
| 86 | 7.788 | 7.774 | 7.838 | VV | 514    | 9024   | 0.26% | 0.034% |
| 87 | 7.855 | 7.838 | 7.908 | VV | 454    | 13326  | 0.39% | 0.050% |
| 88 | 7.935 | 7.908 | 7.994 | VV | 2729   | 46656  | 1.35% | 0.176% |
| 89 | 8.015 | 7.994 | 8.060 | VV | 762    | 18819  | 0.54% | 0.071% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 8.100  | 8.060  | 8.142  | VV | 683    | 24458  | 0.71% | 0.092% |
| 91  | 8.150  | 8.142  | 8.164  | VV | 380    | 3351   | 0.10% | 0.013% |
| 92  | 8.190  | 8.164  | 8.211  | VV | 440    | 8413   | 0.24% | 0.032% |
| 93  | 8.218  | 8.211  | 8.240  | VV | 362    | 4215   | 0.12% | 0.016% |
| 94  | 8.283  | 8.240  | 8.296  | VV | 753    | 17461  | 0.50% | 0.066% |
| 95  | 8.322  | 8.296  | 8.351  | VV | 1551   | 34472  | 1.00% | 0.130% |
| 96  | 8.353  | 8.351  | 8.367  | VV | 974    | 8489   | 0.25% | 0.032% |
| 97  | 8.395  | 8.367  | 8.430  | VV | 1312   | 33705  | 0.97% | 0.127% |
| 98  | 8.459  | 8.430  | 8.491  | VV | 1038   | 26567  | 0.77% | 0.100% |
| 99  | 8.511  | 8.491  | 8.567  | VV | 861    | 21510  | 0.62% | 0.081% |
| 100 | 8.610  | 8.567  | 8.634  | VV | 569    | 15986  | 0.46% | 0.060% |
| 101 | 8.661  | 8.634  | 8.694  | VV | 577    | 13614  | 0.39% | 0.051% |
| 102 | 8.715  | 8.694  | 8.724  | VV | 432    | 5486   | 0.16% | 0.021% |
| 103 | 8.750  | 8.724  | 8.772  | VV | 1706   | 24839  | 0.72% | 0.094% |
| 104 | 8.781  | 8.772  | 8.796  | VV | 414    | 4684   | 0.14% | 0.018% |
| 105 | 8.824  | 8.796  | 8.843  | VV | 832    | 12528  | 0.36% | 0.047% |
| 106 | 8.854  | 8.843  | 8.891  | VV | 389    | 6900   | 0.20% | 0.026% |
| 107 | 8.942  | 8.891  | 8.958  | PV | 404    | 9500   | 0.27% | 0.036% |
| 108 | 8.968  | 8.958  | 8.975  | VV | 324    | 2077   | 0.06% | 0.008% |
| 109 | 9.003  | 8.975  | 9.017  | VV | 304    | 5464   | 0.16% | 0.021% |
| 110 | 9.030  | 9.017  | 9.076  | VV | 320    | 6614   | 0.19% | 0.025% |
| 111 | 9.111  | 9.076  | 9.134  | VV | 355    | 8035   | 0.23% | 0.030% |
| 112 | 9.194  | 9.134  | 9.238  | VV | 2702   | 50569  | 1.46% | 0.191% |
| 113 | 9.252  | 9.238  | 9.281  | VV | 376    | 6949   | 0.20% | 0.026% |
| 114 | 9.294  | 9.281  | 9.330  | VV | 198    | 5760   | 0.17% | 0.022% |
| 115 | 9.344  | 9.330  | 9.376  | VV | 470    | 6954   | 0.20% | 0.026% |
| 116 | 9.399  | 9.376  | 9.508  | VV | 9363   | 248791 | 7.19% | 0.940% |
| 117 | 9.518  | 9.508  | 9.549  | VV | 1178   | 19581  | 0.57% | 0.074% |
| 118 | 9.557  | 9.549  | 9.574  | VV | 573    | 7629   | 0.22% | 0.029% |
| 119 | 9.592  | 9.574  | 9.618  | VV | 517    | 11422  | 0.33% | 0.043% |
| 120 | 9.655  | 9.618  | 9.696  | VV | 1528   | 53736  | 1.55% | 0.203% |
| 121 | 9.705  | 9.696  | 9.725  | VV | 781    | 12634  | 0.37% | 0.048% |
| 122 | 9.750  | 9.725  | 9.794  | VV | 898    | 22938  | 0.66% | 0.087% |
| 123 | 9.827  | 9.794  | 9.844  | VV | 605    | 11092  | 0.32% | 0.042% |
| 124 | 9.866  | 9.844  | 9.890  | VV | 571    | 12658  | 0.37% | 0.048% |
| 125 | 9.901  | 9.890  | 9.934  | VV | 422    | 9034   | 0.26% | 0.034% |
| 126 | 9.947  | 9.934  | 9.963  | VV | 481    | 6378   | 0.18% | 0.024% |
| 127 | 9.974  | 9.963  | 9.997  | VV | 344    | 5739   | 0.17% | 0.022% |
| 128 | 10.008 | 9.997  | 10.053 | VV | 362    | 8698   | 0.25% | 0.033% |
| 129 | 10.065 | 10.053 | 10.081 | VV | 428    | 4774   | 0.14% | 0.018% |
| 130 | 10.100 | 10.081 | 10.114 | VV | 347    | 5375   | 0.16% | 0.020% |
| 131 | 10.168 | 10.114 | 10.177 | VV | 361    | 9440   | 0.27% | 0.036% |
| 132 | 10.192 | 10.177 | 10.214 | VV | 518    | 6705   | 0.19% | 0.025% |
| 133 | 10.251 | 10.214 | 10.291 | VV | 5651   | 77311  | 2.23% | 0.292% |
| 134 | 10.308 | 10.291 | 10.328 | VV | 734    | 11316  | 0.33% | 0.043% |
| 135 | 10.358 | 10.328 | 10.375 | VV | 476    | 10337  | 0.30% | 0.039% |
| 136 | 10.393 | 10.375 | 10.424 | VV | 335    | 7340   | 0.21% | 0.028% |
| 137 | 10.468 | 10.424 | 10.491 | PV | 642    | 11912  | 0.34% | 0.045% |
| 138 | 10.511 | 10.491 | 10.524 | VV | 321    | 4488   | 0.13% | 0.017% |
| 139 | 10.561 | 10.524 | 10.649 | VV | 1947   | 64410  | 1.86% | 0.243% |
| 140 | 10.670 | 10.649 | 10.690 | VV | 511    | 8850   | 0.26% | 0.033% |
| 141 | 10.702 | 10.690 | 10.724 | VV | 375    | 6481   | 0.19% | 0.024% |

|     |        |        |        |    | rteres |         |         |         |
|-----|--------|--------|--------|----|--------|---------|---------|---------|
| 142 | 10.727 | 10.724 | 10.758 | VV | 432    | 5338    | 0.15%   | 0.020%  |
| 143 | 10.768 | 10.758 | 10.813 | VV | 584    | 10239   | 0.30%   | 0.039%  |
| 144 | 10.835 | 10.813 | 10.868 | VV | 1687   | 24218   | 0.70%   | 0.092%  |
| 145 | 10.883 | 10.868 | 10.897 | VV | 476    | 5492    | 0.16%   | 0.021%  |
| 146 | 10.946 | 10.897 | 10.972 | VV | 891    | 22843   | 0.66%   | 0.086%  |
| 147 | 10.991 | 10.972 | 11.013 | VV | 1250   | 20036   | 0.58%   | 0.076%  |
| 148 | 11.047 | 11.013 | 11.078 | VV | 853    | 28312   | 0.82%   | 0.107%  |
| 149 | 11.107 | 11.078 | 11.127 | VV | 2260   | 33158   | 0.96%   | 0.125%  |
| 150 | 11.139 | 11.127 | 11.166 | VV | 753    | 11792   | 0.34%   | 0.045%  |
| 151 | 11.186 | 11.166 | 11.207 | VV | 827    | 11941   | 0.35%   | 0.045%  |
| 152 | 11.240 | 11.207 | 11.308 | VV | 322874 | 3461060 | 100.00% | 13.078% |
| 153 | 11.341 | 11.308 | 11.352 | VV | 996    | 20991   | 0.61%   | 0.079%  |
| 154 | 11.374 | 11.352 | 11.446 | VV | 1733   | 54661   | 1.58%   | 0.207%  |
| 155 | 11.468 | 11.446 | 11.503 | VV | 740    | 20194   | 0.58%   | 0.076%  |
| 156 | 11.520 | 11.503 | 11.557 | VV | 617    | 13618   | 0.39%   | 0.051%  |
| 157 | 11.567 | 11.557 | 11.595 | VV | 460    | 5618    | 0.16%   | 0.021%  |
| 158 | 11.643 | 11.595 | 11.682 | VV | 1245   | 34164   | 0.99%   | 0.129%  |
| 159 | 11.744 | 11.682 | 11.769 | VV | 2984   | 72734   | 2.10%   | 0.275%  |
| 160 | 11.794 | 11.769 | 11.820 | VV | 1572   | 31763   | 0.92%   | 0.120%  |
| 161 | 11.863 | 11.820 | 11.967 | VV | 53960  | 749608  | 21.66%  | 2.833%  |
| 162 | 11.979 | 11.967 | 11.987 | VV | 983    | 11352   | 0.33%   | 0.043%  |
| 163 | 11.997 | 11.987 | 12.021 | VV | 1054   | 17266   | 0.50%   | 0.065%  |
| 164 | 12.067 | 12.021 | 12.086 | VV | 921    | 27613   | 0.80%   | 0.104%  |
| 165 | 12.107 | 12.086 | 12.131 | VV | 2623   | 36122   | 1.04%   | 0.136%  |
| 166 | 12.166 | 12.131 | 12.177 | VV | 1039   | 23365   | 0.68%   | 0.088%  |
| 167 | 12.200 | 12.177 | 12.225 | VV | 1854   | 35175   | 1.02%   | 0.133%  |
| 168 | 12.262 | 12.225 | 12.284 | VV | 1775   | 44534   | 1.29%   | 0.168%  |
| 169 | 12.317 | 12.284 | 12.370 | VV | 4704   | 110420  | 3.19%   | 0.417%  |
| 170 | 12.383 | 12.370 | 12.414 | VV | 1501   | 25820   | 0.75%   | 0.098%  |
| 171 | 12.430 | 12.414 | 12.473 | VV | 1625   | 29160   | 0.84%   | 0.110%  |
| 172 | 12.507 | 12.473 | 12.521 | VV | 1517   | 25086   | 0.72%   | 0.095%  |
| 173 | 12.544 | 12.521 | 12.590 | VV | 9098   | 126254  | 3.65%   | 0.477%  |
| 174 | 12.621 | 12.590 | 12.652 | VV | 6971   | 158589  | 4.58%   | 0.599%  |
| 175 | 12.683 | 12.652 | 12.725 | VV | 212337 | 2461032 | 71.11%  | 9.299%  |
| 176 | 12.751 | 12.725 | 12.798 | VV | 9901   | 130656  | 3.78%   | 0.494%  |
| 177 | 12.818 | 12.798 | 12.832 | VV | 970    | 14461   | 0.42%   | 0.055%  |
| 178 | 12.864 | 12.832 | 12.914 | VV | 7051   | 138687  | 4.01%   | 0.524%  |
| 179 | 12.929 | 12.914 | 12.947 | VV | 3151   | 45338   | 1.31%   | 0.171%  |
| 180 | 12.960 | 12.947 | 13.013 | VV | 2347   | 61741   | 1.78%   | 0.233%  |
| 181 | 13.040 | 13.013 | 13.068 | VV | 6875   | 93642   | 2.71%   | 0.354%  |
| 182 | 13.088 | 13.068 | 13.169 | VV | 10279  | 180753  | 5.22%   | 0.683%  |
| 183 | 13.200 | 13.169 | 13.215 | VV | 881    | 18266   | 0.53%   | 0.069%  |
| 184 | 13.241 | 13.215 | 13.288 | VV | 1235   | 36572   | 1.06%   | 0.138%  |
| 185 | 13.294 | 13.288 | 13.337 | VV | 740    | 15894   | 0.46%   | 0.060%  |
| 186 | 13.389 | 13.337 | 13.421 | VV | 1527   | 42739   | 1.23%   | 0.161%  |
| 187 | 13.433 | 13.421 | 13.454 | VV | 748    | 11512   | 0.33%   | 0.043%  |
| 188 | 13.494 | 13.454 | 13.505 | VV | 810    | 18683   | 0.54%   | 0.071%  |
| 189 | 13.543 | 13.505 | 13.555 | VV | 2767   | 49971   | 1.44%   | 0.189%  |
| 190 | 13.566 | 13.555 | 13.590 | VV | 2419   | 33170   | 0.96%   | 0.125%  |
| 191 | 13.617 | 13.590 | 13.666 | VV | 2415   | 37010   | 1.07%   | 0.140%  |
| 192 | 13.679 | 13.666 | 13.709 | VV | 357    | 6130    | 0.18%   | 0.023%  |
| 193 | 13.718 | 13.709 | 13.742 | VV | 304    | 3370    | 0.10%   | 0.013%  |
| 194 | 13.792 | 13.742 | 13.803 | VV | 443    | 8456    | 0.24%   | 0.032%  |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 195 | 13.836 | 13.803 | 13.900 | VV | 1926   | 57294  | 1.66%  | 0.216% |
| 196 | 13.959 | 13.900 | 14.014 | VV | 7797   | 151321 | 4.37%  | 0.572% |
| 197 | 14.039 | 14.014 | 14.050 | VV | 1604   | 25333  | 0.73%  | 0.096% |
| 198 | 14.072 | 14.050 | 14.122 | VV | 1904   | 56258  | 1.63%  | 0.213% |
| 199 | 14.172 | 14.122 | 14.207 | VV | 939    | 38369  | 1.11%  | 0.145% |
| 200 | 14.225 | 14.207 | 14.269 | VV | 1407   | 32013  | 0.92%  | 0.121% |
| 201 | 14.294 | 14.269 | 14.334 | VV | 576    | 15163  | 0.44%  | 0.057% |
| 202 | 14.389 | 14.334 | 14.404 | VV | 916    | 23975  | 0.69%  | 0.091% |
| 203 | 14.430 | 14.404 | 14.481 | VV | 5458   | 90586  | 2.62%  | 0.342% |
| 204 | 14.536 | 14.481 | 14.563 | VV | 2802   | 91420  | 2.64%  | 0.345% |
| 205 | 14.575 | 14.563 | 14.598 | VV | 1827   | 27704  | 0.80%  | 0.105% |
| 206 | 14.610 | 14.598 | 14.634 | VV | 925    | 16080  | 0.46%  | 0.061% |
| 207 | 14.641 | 14.634 | 14.686 | VV | 765    | 15409  | 0.45%  | 0.058% |
| 208 | 14.712 | 14.686 | 14.744 | VV | 601    | 15108  | 0.44%  | 0.057% |
| 209 | 14.767 | 14.744 | 14.827 | VV | 708    | 23154  | 0.67%  | 0.087% |
| 210 | 14.858 | 14.827 | 14.872 | VV | 638    | 14374  | 0.42%  | 0.054% |
| 211 | 14.907 | 14.872 | 15.029 | VV | 26992  | 527313 | 15.24% | 1.993% |
| 212 | 15.055 | 15.029 | 15.079 | VV | 2224   | 45764  | 1.32%  | 0.173% |
| 213 | 15.099 | 15.079 | 15.164 | VV | 2213   | 49899  | 1.44%  | 0.189% |
| 214 | 15.198 | 15.164 | 15.218 | VV | 821    | 20107  | 0.58%  | 0.076% |
| 215 | 15.269 | 15.218 | 15.345 | VV | 1913   | 69539  | 2.01%  | 0.263% |
| 216 | 15.376 | 15.345 | 15.402 | VV | 984    | 25460  | 0.74%  | 0.096% |
| 217 | 15.431 | 15.402 | 15.480 | VV | 1965   | 53265  | 1.54%  | 0.201% |
| 218 | 15.508 | 15.480 | 15.527 | VV | 1229   | 24417  | 0.71%  | 0.092% |
| 219 | 15.546 | 15.527 | 15.578 | VV | 1338   | 24746  | 0.71%  | 0.094% |
| 220 | 15.608 | 15.578 | 15.636 | VV | 2164   | 33480  | 0.97%  | 0.127% |
| 221 | 15.645 | 15.636 | 15.681 | VV | 250    | 4313   | 0.12%  | 0.016% |
| 222 | 15.788 | 15.681 | 15.801 | PV | 584    | 24776  | 0.72%  | 0.094% |
| 223 | 15.824 | 15.801 | 15.848 | VV | 699    | 13655  | 0.39%  | 0.052% |
| 224 | 15.914 | 15.848 | 16.008 | VV | 21738  | 464349 | 13.42% | 1.755% |
| 225 | 16.027 | 16.008 | 16.044 | VV | 3006   | 44508  | 1.29%  | 0.168% |
| 226 | 16.074 | 16.044 | 16.145 | VV | 2863   | 114501 | 3.31%  | 0.433% |
| 227 | 16.164 | 16.145 | 16.224 | VV | 1329   | 39191  | 1.13%  | 0.148% |
| 228 | 16.243 | 16.224 | 16.272 | VV | 1334   | 26152  | 0.76%  | 0.099% |
| 229 | 16.290 | 16.272 | 16.309 | VV | 925    | 16491  | 0.48%  | 0.062% |
| 230 | 16.330 | 16.309 | 16.342 | VV | 612    | 11334  | 0.33%  | 0.043% |
| 231 | 16.399 | 16.342 | 16.435 | VV | 2359   | 75626  | 2.19%  | 0.286% |
| 232 | 16.488 | 16.435 | 16.509 | VV | 2805   | 80230  | 2.32%  | 0.303% |
| 233 | 16.533 | 16.509 | 16.551 | VV | 5658   | 81709  | 2.36%  | 0.309% |
| 234 | 16.565 | 16.551 | 16.651 | VV | 3463   | 63765  | 1.84%  | 0.241% |
| 235 | 16.661 | 16.651 | 16.678 | VV | 492    | 6337   | 0.18%  | 0.024% |
| 236 | 16.698 | 16.678 | 16.707 | VV | 551    | 7449   | 0.22%  | 0.028% |
| 237 | 16.730 | 16.707 | 16.751 | VV | 746    | 15938  | 0.46%  | 0.060% |
| 238 | 16.764 | 16.751 | 16.786 | VV | 539    | 10192  | 0.29%  | 0.039% |
| 239 | 16.854 | 16.786 | 16.911 | VV | 10242  | 238796 | 6.90%  | 0.902% |
| 240 | 16.938 | 16.911 | 16.970 | VV | 8325   | 132659 | 3.83%  | 0.501% |
| 241 | 17.016 | 16.970 | 17.064 | VV | 1320   | 42275  | 1.22%  | 0.160% |
| 242 | 17.115 | 17.064 | 17.134 | VV | 783    | 21328  | 0.62%  | 0.081% |
| 243 | 17.179 | 17.134 | 17.200 | VV | 687    | 22502  | 0.65%  | 0.085% |
| 244 | 17.334 | 17.200 | 17.353 | VV | 3243   | 103438 | 2.99%  | 0.391% |
| 245 | 17.372 | 17.353 | 17.398 | VV | 3486   | 57590  | 1.66%  | 0.218% |
| 246 | 17.421 | 17.398 | 17.436 | VV | 1796   | 31700  | 0.92%  | 0.120% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 247 | 17.461 | 17.436 | 17.523 | VV | 4845   | 109732 | 3.17%  | 0.415% |
| 248 | 17.570 | 17.523 | 17.597 | VV | 2912   | 72264  | 2.09%  | 0.273% |
| 249 | 17.621 | 17.597 | 17.630 | VV | 1244   | 21469  | 0.62%  | 0.081% |
| 250 | 17.728 | 17.630 | 17.742 | VV | 15952  | 353191 | 10.20% | 1.335% |
| 251 | 17.760 | 17.742 | 17.781 | VV | 17994  | 314258 | 9.08%  | 1.187% |
| 252 | 17.794 | 17.781 | 17.824 | VV | 11294  | 191432 | 5.53%  | 0.723% |
| 253 | 17.838 | 17.824 | 17.858 | VV | 3257   | 57724  | 1.67%  | 0.218% |
| 254 | 17.882 | 17.858 | 17.967 | VV | 3197   | 132625 | 3.83%  | 0.501% |
| 255 | 18.001 | 17.967 | 18.018 | VV | 1843   | 45429  | 1.31%  | 0.172% |
| 256 | 18.045 | 18.018 | 18.053 | VV | 1779   | 34298  | 0.99%  | 0.130% |
| 257 | 18.071 | 18.053 | 18.084 | VV | 2274   | 37749  | 1.09%  | 0.143% |
| 258 | 18.098 | 18.084 | 18.123 | VV | 2288   | 47280  | 1.37%  | 0.179% |
| 259 | 18.155 | 18.123 | 18.168 | VV | 3523   | 73748  | 2.13%  | 0.279% |
| 260 | 18.195 | 18.168 | 18.251 | VV | 8137   | 222565 | 6.43%  | 0.841% |
| 261 | 18.298 | 18.251 | 18.361 | VV | 7660   | 236312 | 6.83%  | 0.893% |
| 262 | 18.432 | 18.361 | 18.446 | VV | 2966   | 111818 | 3.23%  | 0.423% |
| 263 | 18.465 | 18.446 | 18.479 | VV | 2981   | 54374  | 1.57%  | 0.205% |
| 264 | 18.521 | 18.479 | 18.530 | VV | 11245  | 198045 | 5.72%  | 0.748% |
| 265 | 18.549 | 18.530 | 18.588 | VV | 16648  | 410820 | 11.87% | 1.552% |
| 266 | 18.593 | 18.588 | 18.653 | VV | 8339   | 225854 | 6.53%  | 0.853% |
| 267 | 18.676 | 18.653 | 18.717 | VV | 5087   | 157552 | 4.55%  | 0.595% |
| 268 | 18.736 | 18.717 | 18.758 | VV | 3707   | 79970  | 2.31%  | 0.302% |
| 269 | 18.787 | 18.758 | 18.844 | VV | 6445   | 232858 | 6.73%  | 0.880% |
| 270 | 18.857 | 18.844 | 18.889 | VV | 3966   | 86717  | 2.51%  | 0.328% |
| 271 | 18.907 | 18.889 | 18.924 | VV | 2758   | 52509  | 1.52%  | 0.198% |
| 272 | 18.966 | 18.924 | 18.993 | VV | 9093   | 214477 | 6.20%  | 0.810% |
| 273 | 19.010 | 18.993 | 19.064 | VV | 5851   | 175707 | 5.08%  | 0.664% |
| 274 | 19.088 | 19.064 | 19.108 | VV | 4546   | 98362  | 2.84%  | 0.372% |
| 275 | 19.125 | 19.108 | 19.174 | VV | 3432   | 125872 | 3.64%  | 0.476% |
| 276 | 19.225 | 19.174 | 19.247 | VV | 8810   | 229051 | 6.62%  | 0.866% |
| 277 | 19.271 | 19.247 | 19.301 | VV | 15091  | 279102 | 8.06%  | 1.055% |
| 278 | 19.325 | 19.301 | 19.371 | VV | 6853   | 235496 | 6.80%  | 0.890% |
| 279 | 19.382 | 19.371 | 19.426 | VV | 5112   | 146698 | 4.24%  | 0.554% |
| 280 | 19.448 | 19.426 | 19.495 | VV | 4409   | 157851 | 4.56%  | 0.596% |
| 281 | 19.503 | 19.495 | 19.524 | VV | 3783   | 61865  | 1.79%  | 0.234% |
| 282 | 19.553 | 19.524 | 19.563 | VV | 4186   | 89386  | 2.58%  | 0.338% |
| 283 | 19.605 | 19.563 | 19.684 | VV | 15418  | 438702 | 12.68% | 1.658% |
| 284 | 19.716 | 19.684 | 19.745 | VV | 4607   | 142749 | 4.12%  | 0.539% |
| 285 | 19.785 | 19.745 | 19.801 | VV | 3713   | 121074 | 3.50%  | 0.458% |
| 286 | 19.855 | 19.801 | 19.880 | VV | 4897   | 191064 | 5.52%  | 0.722% |
| 287 | 19.894 | 19.880 | 19.922 | VV | 4053   | 97896  | 2.83%  | 0.370% |
| 288 | 19.972 | 19.922 | 19.980 | VV | 6952   | 171318 | 4.95%  | 0.647% |
| 289 | 19.992 | 19.980 | 20.027 | VV | 7353   | 167577 | 4.84%  | 0.633% |
| 290 | 20.070 | 20.027 | 20.084 | VV | 5035   | 161105 | 4.65%  | 0.609% |
| 291 | 20.101 | 20.084 | 20.149 | VV | 5335   | 170846 | 4.94%  | 0.646% |
| 292 | 20.175 | 20.149 | 20.196 | VV | 3800   | 103054 | 2.98%  | 0.389% |
| 293 | 20.260 | 20.196 | 20.275 | VV | 4935   | 204254 | 5.90%  | 0.772% |
| 294 | 20.302 | 20.275 | 20.320 | VV | 5151   | 132756 | 3.84%  | 0.502% |
| 295 | 20.329 | 20.320 | 20.386 | VV | 4805   | 174748 | 5.05%  | 0.660% |
| 296 | 20.420 | 20.386 | 20.464 | VV | 13298  | 363810 | 10.51% | 1.375% |
| 297 | 20.483 | 20.464 | 20.528 | VV | 6111   | 195094 | 5.64%  | 0.737% |
| 298 | 20.543 | 20.528 | 20.554 | VV | 4280   | 67875  | 1.96%  | 0.256% |
| 299 | 20.631 | 20.554 | 20.704 | VV | 6129   | 404467 | 11.69% | 1.528% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 300 | 20.743 | 20.704 | 20.754 | VV | 4787   | 129614 | 3.74%  | 0.490% |
| 301 | 20.782 | 20.754 | 20.925 | VV | 4928   | 414383 | 11.97% | 1.566% |
| 302 | 20.949 | 20.925 | 20.971 | VV | 3366   | 89607  | 2.59%  | 0.339% |
| 303 | 20.985 | 20.971 | 21.000 | VV | 3479   | 59435  | 1.72%  | 0.225% |
| 304 | 21.068 | 21.000 | 21.104 | VV | 4303   | 220485 | 6.37%  | 0.833% |
| 305 | 21.117 | 21.104 | 21.141 | VV | 2954   | 64252  | 1.86%  | 0.243% |
| 306 | 21.148 | 21.141 | 21.156 | VV | 2945   | 25110  | 0.73%  | 0.095% |
| 307 | 21.186 | 21.156 | 21.244 | VV | 3113   | 151183 | 4.37%  | 0.571% |
| 308 | 21.276 | 21.244 | 21.302 | VV | 2771   | 91030  | 2.63%  | 0.344% |
| 309 | 21.311 | 21.302 | 21.320 | VV | 2579   | 27016  | 0.78%  | 0.102% |
| 310 | 21.365 | 21.320 | 21.432 | VV | 3368   | 193542 | 5.59%  | 0.731% |
| 311 | 21.446 | 21.432 | 21.477 | VV | 2564   | 66537  | 1.92%  | 0.251% |
| 312 | 21.511 | 21.477 | 21.608 | VV | 3034   | 201700 | 5.83%  | 0.762% |
| 313 | 21.631 | 21.608 | 21.676 | VV | 2274   | 89382  | 2.58%  | 0.338% |
| 314 | 21.688 | 21.676 | 21.701 | VV | 2131   | 31514  | 0.91%  | 0.119% |
| 315 | 21.706 | 21.701 | 21.711 | VV | 2129   | 12654  | 0.37%  | 0.048% |
| 316 | 21.719 | 21.711 | 21.774 | VV | 2214   | 71271  | 2.06%  | 0.269% |
| 317 | 21.808 | 21.774 | 21.831 | VV | 1813   | 57709  | 1.67%  | 0.218% |
| 318 | 21.837 | 21.831 | 21.848 | VV | 1672   | 16452  | 0.48%  | 0.062% |
| 319 | 21.852 | 21.848 | 21.880 | VV | 1646   | 30433  | 0.88%  | 0.115% |
| 320 | 21.925 | 21.880 | 21.934 | VV | 1760   | 54881  | 1.59%  | 0.207% |
| 321 | 21.956 | 21.934 | 21.973 | VV | 1696   | 36433  | 1.05%  | 0.138% |
| 322 | 21.992 | 21.973 | 22.008 | VV | 1569   | 28631  | 0.83%  | 0.108% |
| 323 | 22.060 | 22.008 | 22.074 | VV | 1386   | 51012  | 1.47%  | 0.193% |
| 324 | 22.102 | 22.074 | 22.110 | VV | 1389   | 28362  | 0.82%  | 0.107% |
| 325 | 22.121 | 22.110 | 22.158 | VV | 1492   | 39078  | 1.13%  | 0.148% |
| 326 | 22.178 | 22.158 | 22.189 | VV | 1402   | 25456  | 0.74%  | 0.096% |
| 327 | 22.195 | 22.189 | 22.211 | VV | 1300   | 16111  | 0.47%  | 0.061% |
| 328 | 22.234 | 22.211 | 22.244 | VV | 1216   | 22986  | 0.66%  | 0.087% |
| 329 | 22.257 | 22.244 | 22.270 | VV | 1227   | 18659  | 0.54%  | 0.071% |
| 330 | 22.285 | 22.270 | 22.324 | VV | 1237   | 35604  | 1.03%  | 0.135% |
| 331 | 22.334 | 22.324 | 22.368 | VV | 1062   | 24358  | 0.70%  | 0.092% |
| 332 | 22.398 | 22.368 | 22.444 | VV | 1177   | 47621  | 1.38%  | 0.180% |
| 333 | 22.462 | 22.444 | 22.488 | VV | 1070   | 24512  | 0.71%  | 0.093% |
| 334 | 22.501 | 22.488 | 22.525 | VV | 776    | 14626  | 0.42%  | 0.055% |
| 335 | 22.533 | 22.525 | 22.544 | VV | 563    | 5896   | 0.17%  | 0.022% |
| 336 | 22.556 | 22.544 | 22.593 | VV | 621    | 14294  | 0.41%  | 0.054% |
| 337 | 22.619 | 22.593 | 22.640 | VV | 572    | 13331  | 0.39%  | 0.050% |
| 338 | 22.697 | 22.640 | 22.708 | VV | 800    | 24559  | 0.71%  | 0.093% |
| 339 | 22.783 | 22.708 | 22.911 | VV | 1772   | 108801 | 3.14%  | 0.411% |
| 340 | 22.922 | 22.911 | 22.984 | VV | 242    | 5792   | 0.17%  | 0.022% |

Sum of corrected areas: 26464216

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