

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042922AL\  
 Data File : FD042199.D  
 Signal(s) : FID2B.CH  
 Acq On : 29 Apr 2022 15:49  
 Sample : N2604-02  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 042122.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         | 3.036       | 3.005        | 3.046      | BV       | 387            | 1872         | 0.03%          | 0.002%        |
| 2         | 3.076       | 3.046        | 3.095      | PV       | 340            | 3357         | 0.05%          | 0.003%        |
| 3         | 3.118       | 3.095        | 3.161      | VV       | 242            | 5870         | 0.10%          | 0.005%        |
| 4         | 3.173       | 3.161        | 3.208      | VV       | 525            | 5435         | 0.09%          | 0.005%        |
| 5         | 3.214       | 3.208        | 3.259      | PV       | 242            | 6922         | 0.11%          | 0.006%        |
| 6         | 3.267       | 3.259        | 3.281      | VV       | 229            | 2656         | 0.04%          | 0.002%        |
| 7         | 3.289       | 3.281        | 3.318      | VV       | 458            | 4759         | 0.08%          | 0.004%        |
| 8         | 3.335       | 3.318        | 3.348      | VV       | 338            | 3477         | 0.06%          | 0.003%        |
| 9         | 3.360       | 3.348        | 3.373      | VV       | 470            | 3714         | 0.06%          | 0.003%        |
| 10        | 3.387       | 3.373        | 3.418      | VV       | 196            | 2335         | 0.04%          | 0.002%        |
| 11        | 3.440       | 3.418        | 3.452      | VV       | 373            | 3633         | 0.06%          | 0.003%        |
| 12        | 3.483       | 3.452        | 3.534      | VV       | 342            | 10863        | 0.18%          | 0.009%        |
| 13        | 3.549       | 3.534        | 3.572      | VV       | 430            | 4785         | 0.08%          | 0.004%        |
| 14        | 3.597       | 3.572        | 3.622      | VV       | 268            | 5158         | 0.08%          | 0.004%        |
| 15        | 3.640       | 3.622        | 3.695      | PV       | 365            | 7732         | 0.13%          | 0.007%        |
| 16        | 3.729       | 3.695        | 3.749      | VV       | 448            | 7588         | 0.12%          | 0.006%        |
| 17        | 3.771       | 3.749        | 3.807      | VV       | 198            | 4956         | 0.08%          | 0.004%        |
| 18        | 3.822       | 3.807        | 3.840      | VV       | 346            | 3141         | 0.05%          | 0.003%        |
| 19        | 3.857       | 3.840        | 3.882      | PV       | 360            | 4458         | 0.07%          | 0.004%        |
| 20        | 3.891       | 3.882        | 3.904      | VV       | 382            | 3821         | 0.06%          | 0.003%        |
| 21        | 3.913       | 3.904        | 3.942      | VV       | 381            | 6288         | 0.10%          | 0.005%        |
| 22        | 3.955       | 3.942        | 4.006      | VV       | 603            | 9924         | 0.16%          | 0.008%        |
| 23        | 4.035       | 4.006        | 4.065      | VV       | 341            | 7706         | 0.13%          | 0.007%        |
| 24        | 4.071       | 4.065        | 4.090      | VV       | 269            | 3200         | 0.05%          | 0.003%        |
| 25        | 4.123       | 4.090        | 4.172      | VV       | 403            | 9909         | 0.16%          | 0.008%        |
| 26        | 4.175       | 4.172        | 4.206      | VV       | 275            | 3111         | 0.05%          | 0.003%        |
| 27        | 4.229       | 4.206        | 4.242      | VV       | 305            | 3014         | 0.05%          | 0.003%        |
| 28        | 4.265       | 4.242        | 4.312      | VV       | 321            | 8797         | 0.14%          | 0.007%        |
| 29        | 4.347       | 4.312        | 4.385      | VV       | 578            | 14723        | 0.24%          | 0.012%        |
| 30        | 4.399       | 4.385        | 4.435      | VV       | 531            | 8329         | 0.14%          | 0.007%        |
| 31        | 4.464       | 4.435        | 4.477      | VV       | 260            | 4974         | 0.08%          | 0.004%        |
| 32        | 4.490       | 4.477        | 4.552      | VV       | 408            | 8108         | 0.13%          | 0.007%        |
| 33        | 4.570       | 4.552        | 4.595      | VV       | 310            | 4831         | 0.08%          | 0.004%        |
| 34        | 4.610       | 4.595        | 4.645      | VV       | 239            | 4104         | 0.07%          | 0.003%        |
| 35        | 4.688       | 4.645        | 4.707      | VV       | 308            | 5638         | 0.09%          | 0.005%        |
| 36        | 4.721       | 4.707        | 4.734      | VV       | 389            | 2879         | 0.05%          | 0.002%        |

|    |       |       |       |    | rteres |         |         |        |
|----|-------|-------|-------|----|--------|---------|---------|--------|
| 37 | 4.764 | 4.734 | 4.781 | PV | 231    | 4942    | 0.08%   | 0.004% |
| 38 | 4.792 | 4.781 | 4.828 | VV | 186    | 4553    | 0.07%   | 0.004% |
| 39 | 4.839 | 4.828 | 4.867 | VV | 249    | 2652    | 0.04%   | 0.002% |
| 40 | 4.878 | 4.867 | 4.885 | VV | 102    | 554     | 0.01%   | 0.000% |
| 41 | 4.932 | 4.885 | 4.946 | VV | 481    | 7860    | 0.13%   | 0.007% |
| 42 | 4.954 | 4.946 | 4.978 | VV | 376    | 3515    | 0.06%   | 0.003% |
| 43 | 5.018 | 4.978 | 5.104 | VV | 572    | 16604   | 0.27%   | 0.014% |
| 44 | 5.147 | 5.104 | 5.158 | VV | 546    | 8071    | 0.13%   | 0.007% |
| 45 | 5.174 | 5.158 | 5.208 | VV | 512    | 7977    | 0.13%   | 0.007% |
| 46 | 5.230 | 5.208 | 5.272 | VV | 421    | 10949   | 0.18%   | 0.009% |
| 47 | 5.298 | 5.272 | 5.322 | VV | 293    | 6097    | 0.10%   | 0.005% |
| 48 | 5.336 | 5.322 | 5.362 | VV | 265    | 4833    | 0.08%   | 0.004% |
| 49 | 5.379 | 5.362 | 5.400 | VV | 307    | 4651    | 0.08%   | 0.004% |
| 50 | 5.416 | 5.400 | 5.425 | VV | 357    | 4198    | 0.07%   | 0.004% |
| 51 | 5.436 | 5.425 | 5.447 | VV | 461    | 4813    | 0.08%   | 0.004% |
| 52 | 5.470 | 5.447 | 5.557 | VV | 484    | 17315   | 0.28%   | 0.015% |
| 53 | 5.574 | 5.557 | 5.615 | VV | 298    | 5108    | 0.08%   | 0.004% |
| 54 | 5.639 | 5.615 | 5.665 | VV | 184    | 3004    | 0.05%   | 0.003% |
| 55 | 5.706 | 5.665 | 5.815 | VV | 720    | 36340   | 0.60%   | 0.031% |
| 56 | 5.850 | 5.815 | 5.875 | VV | 1071   | 19634   | 0.32%   | 0.017% |
| 57 | 5.888 | 5.875 | 5.905 | VV | 262    | 3569    | 0.06%   | 0.003% |
| 58 | 5.936 | 5.905 | 5.962 | VV | 362    | 8702    | 0.14%   | 0.007% |
| 59 | 5.970 | 5.962 | 6.058 | VV | 436    | 13646   | 0.22%   | 0.012% |
| 60 | 6.065 | 6.058 | 6.087 | VV | 167    | 2109    | 0.03%   | 0.002% |
| 61 | 6.115 | 6.087 | 6.162 | VV | 458    | 9512    | 0.16%   | 0.008% |
| 62 | 6.168 | 6.162 | 6.184 | VV | 259    | 3009    | 0.05%   | 0.003% |
| 63 | 6.202 | 6.184 | 6.215 | VV | 371    | 3586    | 0.06%   | 0.003% |
| 64 | 6.224 | 6.215 | 6.276 | VV | 330    | 6627    | 0.11%   | 0.006% |
| 65 | 6.285 | 6.276 | 6.301 | VV | 302    | 1870    | 0.03%   | 0.002% |
| 66 | 6.330 | 6.301 | 6.371 | PV | 150    | 3326    | 0.05%   | 0.003% |
| 67 | 6.381 | 6.371 | 6.426 | VV | 303    | 5078    | 0.08%   | 0.004% |
| 68 | 6.443 | 6.426 | 6.473 | VV | 205    | 3343    | 0.05%   | 0.003% |
| 69 | 6.503 | 6.473 | 6.545 | VV | 211    | 6184    | 0.10%   | 0.005% |
| 70 | 6.553 | 6.545 | 6.574 | VV | 189    | 2532    | 0.04%   | 0.002% |
| 71 | 6.627 | 6.574 | 6.641 | VV | 348    | 7213    | 0.12%   | 0.006% |
| 72 | 6.661 | 6.641 | 6.690 | VV | 412    | 5901    | 0.10%   | 0.005% |
| 73 | 6.715 | 6.690 | 6.725 | VV | 265    | 4747    | 0.08%   | 0.004% |
| 74 | 6.768 | 6.725 | 6.785 | VV | 501    | 13953   | 0.23%   | 0.012% |
| 75 | 6.808 | 6.785 | 6.842 | VV | 685    | 14677   | 0.24%   | 0.012% |
| 76 | 6.862 | 6.842 | 6.942 | VV | 781    | 24464   | 0.40%   | 0.021% |
| 77 | 6.952 | 6.942 | 6.962 | VV | 192    | 2223    | 0.04%   | 0.002% |
| 78 | 6.990 | 6.962 | 7.012 | VV | 295    | 6883    | 0.11%   | 0.006% |
| 79 | 7.030 | 7.012 | 7.121 | VV | 1204   | 19537   | 0.32%   | 0.017% |
| 80 | 7.132 | 7.121 | 7.168 | VV | 183    | 2754    | 0.05%   | 0.002% |
| 81 | 7.189 | 7.168 | 7.208 | VV | 225    | 3602    | 0.06%   | 0.003% |
| 82 | 7.216 | 7.208 | 7.242 | VV | 115    | 1595    | 0.03%   | 0.001% |
| 83 | 7.252 | 7.242 | 7.275 | PV | 65     | 773     | 0.01%   | 0.001% |
| 84 | 7.327 | 7.275 | 7.532 | VV | 564695 | 6105821 | 100.00% | 5.163% |
| 85 | 7.541 | 7.532 | 7.565 | VV | 1242   | 21145   | 0.35%   | 0.018% |
| 86 | 7.592 | 7.565 | 7.632 | VV | 1124   | 40915   | 0.67%   | 0.035% |
| 87 | 7.642 | 7.632 | 7.659 | VV | 1051   | 14436   | 0.24%   | 0.012% |
| 88 | 7.667 | 7.659 | 7.689 | VV | 754    | 11878   | 0.19%   | 0.010% |
| 89 | 7.713 | 7.689 | 7.777 | VV | 1301   | 45399   | 0.74%   | 0.038% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 7.809  | 7.777  | 7.827  | VV | 1984   | 36745   | 0.60%  | 0.031% |
| 91  | 7.858  | 7.827  | 7.871  | VV | 1684   | 37880   | 0.62%  | 0.032% |
| 92  | 7.890  | 7.871  | 7.928  | VV | 3225   | 61451   | 1.01%  | 0.052% |
| 93  | 7.949  | 7.928  | 7.957  | VV | 1234   | 18542   | 0.30%  | 0.016% |
| 94  | 7.983  | 7.957  | 8.065  | VV | 14300  | 253831  | 4.16%  | 0.215% |
| 95  | 8.078  | 8.065  | 8.109  | VV | 908    | 15412   | 0.25%  | 0.013% |
| 96  | 8.126  | 8.109  | 8.152  | VV | 485    | 9023    | 0.15%  | 0.008% |
| 97  | 8.176  | 8.152  | 8.260  | VV | 326730 | 3873997 | 63.45% | 3.276% |
| 98  | 8.273  | 8.260  | 8.402  | VV | 6870   | 275919  | 4.52%  | 0.233% |
| 99  | 8.419  | 8.402  | 8.459  | VV | 2074   | 52706   | 0.86%  | 0.045% |
| 100 | 8.472  | 8.459  | 8.490  | VV | 1221   | 21032   | 0.34%  | 0.018% |
| 101 | 8.518  | 8.490  | 8.562  | VV | 1090   | 40627   | 0.67%  | 0.034% |
| 102 | 8.594  | 8.562  | 8.665  | VV | 1208   | 60679   | 0.99%  | 0.051% |
| 103 | 8.694  | 8.665  | 8.720  | VV | 2386   | 52256   | 0.86%  | 0.044% |
| 104 | 8.731  | 8.720  | 8.811  | VV | 1580   | 44183   | 0.72%  | 0.037% |
| 105 | 8.839  | 8.811  | 8.863  | VV | 1630   | 28429   | 0.47%  | 0.024% |
| 106 | 8.883  | 8.863  | 8.910  | VV | 988    | 19111   | 0.31%  | 0.016% |
| 107 | 8.934  | 8.910  | 8.957  | VV | 1148   | 23371   | 0.38%  | 0.020% |
| 108 | 8.973  | 8.957  | 9.000  | VV | 1033   | 20284   | 0.33%  | 0.017% |
| 109 | 9.020  | 9.000  | 9.048  | VV | 904    | 17150   | 0.28%  | 0.015% |
| 110 | 9.072  | 9.048  | 9.114  | VV | 2834   | 62364   | 1.02%  | 0.053% |
| 111 | 9.137  | 9.114  | 9.165  | VV | 1319   | 28342   | 0.46%  | 0.024% |
| 112 | 9.180  | 9.165  | 9.191  | VV | 1192   | 14712   | 0.24%  | 0.012% |
| 113 | 9.209  | 9.191  | 9.244  | VV | 1341   | 31203   | 0.51%  | 0.026% |
| 114 | 9.260  | 9.244  | 9.288  | VV | 895    | 16912   | 0.28%  | 0.014% |
| 115 | 9.306  | 9.288  | 9.322  | VV | 1044   | 14272   | 0.23%  | 0.012% |
| 116 | 9.332  | 9.322  | 9.348  | VV | 606    | 9186    | 0.15%  | 0.008% |
| 117 | 9.393  | 9.348  | 9.413  | VV | 1120   | 27603   | 0.45%  | 0.023% |
| 118 | 9.424  | 9.413  | 9.447  | VV | 830    | 13652   | 0.22%  | 0.012% |
| 119 | 9.475  | 9.447  | 9.512  | VV | 1583   | 32728   | 0.54%  | 0.028% |
| 120 | 9.518  | 9.512  | 9.535  | VV | 520    | 6752    | 0.11%  | 0.006% |
| 121 | 9.570  | 9.535  | 9.611  | VV | 767    | 24287   | 0.40%  | 0.021% |
| 122 | 9.631  | 9.611  | 9.712  | VV | 605    | 14463   | 0.24%  | 0.012% |
| 123 | 9.727  | 9.712  | 9.741  | VV | 54     | 791     | 0.01%  | 0.001% |
| 124 | 9.793  | 9.741  | 9.835  | PV | 700    | 14235   | 0.23%  | 0.012% |
| 125 | 9.860  | 9.835  | 9.877  | VV | 786    | 11576   | 0.19%  | 0.010% |
| 126 | 9.898  | 9.877  | 9.907  | VV | 993    | 12697   | 0.21%  | 0.011% |
| 127 | 9.939  | 9.907  | 9.959  | VV | 1536   | 38948   | 0.64%  | 0.033% |
| 128 | 9.977  | 9.959  | 10.020 | VV | 1568   | 36269   | 0.59%  | 0.031% |
| 129 | 10.045 | 10.020 | 10.088 | VV | 1908   | 42563   | 0.70%  | 0.036% |
| 130 | 10.106 | 10.088 | 10.117 | VV | 894    | 13294   | 0.22%  | 0.011% |
| 131 | 10.135 | 10.117 | 10.152 | VV | 988    | 17280   | 0.28%  | 0.015% |
| 132 | 10.176 | 10.152 | 10.187 | VV | 1334   | 25123   | 0.41%  | 0.021% |
| 133 | 10.211 | 10.187 | 10.233 | VV | 3615   | 57130   | 0.94%  | 0.048% |
| 134 | 10.271 | 10.233 | 10.372 | VV | 3172   | 118917  | 1.95%  | 0.101% |
| 135 | 10.382 | 10.372 | 10.395 | VV | 391    | 4718    | 0.08%  | 0.004% |
| 136 | 10.437 | 10.395 | 10.504 | VV | 65784  | 976358  | 15.99% | 0.826% |
| 137 | 10.526 | 10.504 | 10.610 | VV | 9626   | 244363  | 4.00%  | 0.207% |
| 138 | 10.621 | 10.610 | 10.688 | VV | 1186   | 35206   | 0.58%  | 0.030% |
| 139 | 10.705 | 10.688 | 10.732 | VV | 459    | 7925    | 0.13%  | 0.007% |
| 140 | 10.760 | 10.732 | 10.777 | PV | 1378   | 20177   | 0.33%  | 0.017% |
| 141 | 10.838 | 10.777 | 10.865 | VV | 2242   | 69675   | 1.14%  | 0.059% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.876 | 10.865 | 10.886 | VV | 837    | 8929    | 0.15%  | 0.008% |
| 143 | 10.906 | 10.886 | 10.942 | VV | 2756   | 46558   | 0.76%  | 0.039% |
| 144 | 10.974 | 10.942 | 11.018 | VV | 5140   | 121380  | 1.99%  | 0.103% |
| 145 | 11.040 | 11.018 | 11.065 | VV | 1335   | 27480   | 0.45%  | 0.023% |
|     |        |        |        |    |        |         |        |        |
| 146 | 11.097 | 11.065 | 11.126 | VV | 3480   | 63647   | 1.04%  | 0.054% |
| 147 | 11.146 | 11.126 | 11.170 | VV | 1872   | 30705   | 0.50%  | 0.026% |
| 148 | 11.206 | 11.170 | 11.228 | VV | 551313 | 6002991 | 98.32% | 5.076% |
| 149 | 11.237 | 11.228 | 11.254 | VV | 18108  | 207040  | 3.39%  | 0.175% |
| 150 | 11.270 | 11.254 | 11.315 | VV | 18009  | 280511  | 4.59%  | 0.237% |
|     |        |        |        |    |        |         |        |        |
| 151 | 11.345 | 11.315 | 11.365 | VV | 18788  | 271761  | 4.45%  | 0.230% |
| 152 | 11.382 | 11.365 | 11.399 | VV | 14586  | 191735  | 3.14%  | 0.162% |
| 153 | 11.416 | 11.399 | 11.495 | VV | 13738  | 233135  | 3.82%  | 0.197% |
| 154 | 11.505 | 11.495 | 11.514 | PV | 81     | 1035    | 0.02%  | 0.001% |
| 155 | 11.539 | 11.514 | 11.547 | VV | 761    | 9520    | 0.16%  | 0.008% |
|     |        |        |        |    |        |         |        |        |
| 156 | 11.571 | 11.547 | 11.594 | VV | 3260   | 45543   | 0.75%  | 0.039% |
| 157 | 11.626 | 11.594 | 11.692 | VV | 18342  | 323177  | 5.29%  | 0.273% |
| 158 | 11.716 | 11.692 | 11.750 | VV | 6346   | 127882  | 2.09%  | 0.108% |
| 159 | 11.767 | 11.750 | 11.811 | VV | 3310   | 65350   | 1.07%  | 0.055% |
| 160 | 11.829 | 11.811 | 11.868 | VV | 2809   | 51911   | 0.85%  | 0.044% |
|     |        |        |        |    |        |         |        |        |
| 161 | 11.905 | 11.868 | 11.942 | VV | 1722   | 52303   | 0.86%  | 0.044% |
| 162 | 11.979 | 11.942 | 12.003 | VV | 3590   | 75181   | 1.23%  | 0.064% |
| 163 | 12.023 | 12.003 | 12.075 | VV | 6066   | 117449  | 1.92%  | 0.099% |
| 164 | 12.126 | 12.075 | 12.147 | VV | 20187  | 354895  | 5.81%  | 0.300% |
| 165 | 12.162 | 12.147 | 12.179 | VV | 8329   | 119972  | 1.96%  | 0.101% |
|     |        |        |        |    |        |         |        |        |
| 166 | 12.197 | 12.179 | 12.215 | VV | 7377   | 130241  | 2.13%  | 0.110% |
| 167 | 12.236 | 12.215 | 12.313 | VV | 193210 | 2381334 | 39.00% | 2.014% |
| 168 | 12.339 | 12.313 | 12.354 | VV | 2121   | 31261   | 0.51%  | 0.026% |
| 169 | 12.384 | 12.354 | 12.399 | VV | 5311   | 83546   | 1.37%  | 0.071% |
| 170 | 12.426 | 12.399 | 12.453 | VV | 7937   | 150812  | 2.47%  | 0.128% |
|     |        |        |        |    |        |         |        |        |
| 171 | 12.493 | 12.453 | 12.505 | VV | 3967   | 96497   | 1.58%  | 0.082% |
| 172 | 12.529 | 12.505 | 12.575 | VV | 184403 | 2237518 | 36.65% | 1.892% |
| 173 | 12.595 | 12.575 | 12.612 | VV | 10256  | 142891  | 2.34%  | 0.121% |
| 174 | 12.645 | 12.612 | 12.674 | VV | 393357 | 4782158 | 78.32% | 4.044% |
| 175 | 12.688 | 12.674 | 12.709 | VV | 8829   | 125932  | 2.06%  | 0.106% |
|     |        |        |        |    |        |         |        |        |
| 176 | 12.722 | 12.709 | 12.785 | VV | 4331   | 98068   | 1.61%  | 0.083% |
| 177 | 12.823 | 12.785 | 12.850 | VV | 8361   | 178558  | 2.92%  | 0.151% |
| 178 | 12.871 | 12.850 | 12.901 | VV | 10140  | 172242  | 2.82%  | 0.146% |
| 179 | 12.931 | 12.901 | 12.973 | VV | 4721   | 165942  | 2.72%  | 0.140% |
| 180 | 12.998 | 12.973 | 13.069 | VV | 11782  | 282259  | 4.62%  | 0.239% |
|     |        |        |        |    |        |         |        |        |
| 181 | 13.128 | 13.069 | 13.178 | VV | 22367  | 531415  | 8.70%  | 0.449% |
| 182 | 13.193 | 13.178 | 13.212 | VV | 2994   | 46890   | 0.77%  | 0.040% |
| 183 | 13.236 | 13.212 | 13.251 | VV | 11598  | 150484  | 2.46%  | 0.127% |
| 184 | 13.269 | 13.251 | 13.295 | VV | 17078  | 257440  | 4.22%  | 0.218% |
| 185 | 13.304 | 13.295 | 13.332 | VV | 4633   | 76061   | 1.25%  | 0.064% |
|     |        |        |        |    |        |         |        |        |
| 186 | 13.356 | 13.332 | 13.365 | VV | 4542   | 61931   | 1.01%  | 0.052% |
| 187 | 13.394 | 13.365 | 13.418 | VV | 20421  | 310867  | 5.09%  | 0.263% |
| 188 | 13.437 | 13.418 | 13.494 | VV | 11891  | 219098  | 3.59%  | 0.185% |
| 189 | 13.505 | 13.494 | 13.551 | VV | 1238   | 29600   | 0.48%  | 0.025% |
| 190 | 13.571 | 13.551 | 13.615 | VV | 1620   | 45933   | 0.75%  | 0.039% |
|     |        |        |        |    |        |         |        |        |
| 191 | 13.622 | 13.615 | 13.669 | VV | 1166   | 22391   | 0.37%  | 0.019% |
| 192 | 13.682 | 13.669 | 13.695 | PV | 276    | 2300    | 0.04%  | 0.002% |
| 193 | 13.738 | 13.695 | 13.770 | VV | 1702   | 48918   | 0.80%  | 0.041% |
| 194 | 13.823 | 13.770 | 13.837 | VV | 7030   | 148310  | 2.43%  | 0.125% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.853 | 13.837 | 13.861 | VV | 7530   | 101232  | 1.66%  | 0.086% |
| 196 | 13.877 | 13.861 | 13.911 | VV | 10793  | 201015  | 3.29%  | 0.170% |
| 197 | 13.954 | 13.911 | 14.008 | VV | 7142   | 229192  | 3.75%  | 0.194% |
| 198 | 14.039 | 14.008 | 14.068 | VV | 15811  | 309000  | 5.06%  | 0.261% |
| 199 | 14.092 | 14.068 | 14.138 | VV | 27956  | 454105  | 7.44%  | 0.384% |
| 200 | 14.160 | 14.138 | 14.175 | VV | 6785   | 102837  | 1.68%  | 0.087% |
| 201 | 14.191 | 14.175 | 14.235 | VV | 6740   | 168865  | 2.77%  | 0.143% |
| 202 | 14.252 | 14.235 | 14.265 | VV | 3495   | 50619   | 0.83%  | 0.043% |
| 203 | 14.286 | 14.265 | 14.337 | VV | 4831   | 93623   | 1.53%  | 0.079% |
| 204 | 14.402 | 14.337 | 14.422 | PV | 79045  | 1027991 | 16.84% | 0.869% |
| 205 | 14.442 | 14.422 | 14.512 | VV | 87173  | 1429599 | 23.41% | 1.209% |
| 206 | 14.562 | 14.512 | 14.585 | VV | 13551  | 236937  | 3.88%  | 0.200% |
| 207 | 14.608 | 14.585 | 14.674 | VV | 6899   | 181838  | 2.98%  | 0.154% |
| 208 | 14.722 | 14.674 | 14.730 | VV | 4490   | 83900   | 1.37%  | 0.071% |
| 209 | 14.754 | 14.730 | 14.785 | VV | 7112   | 171654  | 2.81%  | 0.145% |
| 210 | 14.794 | 14.785 | 14.825 | VV | 2957   | 52963   | 0.87%  | 0.045% |
| 211 | 14.875 | 14.825 | 14.941 | VV | 19006  | 512127  | 8.39%  | 0.433% |
| 212 | 14.965 | 14.941 | 14.982 | VV | 3712   | 67188   | 1.10%  | 0.057% |
| 213 | 15.011 | 14.982 | 15.045 | VV | 4870   | 152935  | 2.50%  | 0.129% |
| 214 | 15.077 | 15.045 | 15.099 | VV | 21638  | 356804  | 5.84%  | 0.302% |
| 215 | 15.114 | 15.099 | 15.145 | VV | 11833  | 216034  | 3.54%  | 0.183% |
| 216 | 15.162 | 15.145 | 15.190 | VV | 5290   | 119236  | 1.95%  | 0.101% |
| 217 | 15.240 | 15.190 | 15.282 | VV | 12639  | 425830  | 6.97%  | 0.360% |
| 218 | 15.309 | 15.282 | 15.377 | VV | 3387   | 148818  | 2.44%  | 0.126% |
| 219 | 15.409 | 15.377 | 15.445 | VV | 5295   | 116404  | 1.91%  | 0.098% |
| 220 | 15.506 | 15.445 | 15.532 | VV | 4575   | 134945  | 2.21%  | 0.114% |
| 221 | 15.566 | 15.532 | 15.598 | VV | 6206   | 131191  | 2.15%  | 0.111% |
| 222 | 15.608 | 15.598 | 15.638 | VV | 1523   | 26694   | 0.44%  | 0.023% |
| 223 | 15.677 | 15.638 | 15.700 | VV | 4617   | 95782   | 1.57%  | 0.081% |
| 224 | 15.723 | 15.700 | 15.738 | VV | 4539   | 73027   | 1.20%  | 0.062% |
| 225 | 15.763 | 15.738 | 15.799 | VV | 6265   | 170236  | 2.79%  | 0.144% |
| 226 | 15.828 | 15.799 | 15.847 | VV | 5396   | 120148  | 1.97%  | 0.102% |
| 227 | 15.879 | 15.847 | 15.924 | VV | 31418  | 729692  | 11.95% | 0.617% |
| 228 | 15.951 | 15.924 | 15.972 | VV | 113680 | 1680980 | 27.53% | 1.421% |
| 229 | 15.982 | 15.972 | 16.025 | VV | 45408  | 702607  | 11.51% | 0.594% |
| 230 | 16.048 | 16.025 | 16.063 | VV | 6193   | 125308  | 2.05%  | 0.106% |
| 231 | 16.087 | 16.063 | 16.115 | VV | 19257  | 340360  | 5.57%  | 0.288% |
| 232 | 16.125 | 16.115 | 16.168 | VV | 6877   | 163729  | 2.68%  | 0.138% |
| 233 | 16.242 | 16.168 | 16.250 | VV | 29136  | 479260  | 7.85%  | 0.405% |
| 234 | 16.267 | 16.250 | 16.305 | VV | 74775  | 1066897 | 17.47% | 0.902% |
| 235 | 16.329 | 16.305 | 16.409 | VV | 79587  | 1470302 | 24.08% | 1.243% |
| 236 | 16.436 | 16.409 | 16.469 | VV | 24630  | 487527  | 7.98%  | 0.412% |
| 237 | 16.491 | 16.469 | 16.503 | VV | 10576  | 176961  | 2.90%  | 0.150% |
| 238 | 16.524 | 16.503 | 16.550 | VV | 19994  | 367053  | 6.01%  | 0.310% |
| 239 | 16.585 | 16.550 | 16.624 | VV | 11972  | 397164  | 6.50%  | 0.336% |
| 240 | 16.642 | 16.624 | 16.662 | VV | 7565   | 152708  | 2.50%  | 0.129% |
| 241 | 16.722 | 16.662 | 16.778 | VV | 13082  | 636404  | 10.42% | 0.538% |
| 242 | 16.816 | 16.778 | 16.876 | VV | 44268  | 1255041 | 20.55% | 1.061% |
| 243 | 16.896 | 16.876 | 16.925 | VV | 18483  | 379978  | 6.22%  | 0.321% |
| 244 | 16.927 | 16.925 | 16.945 | VV | 10078  | 112816  | 1.85%  | 0.095% |
| 245 | 16.985 | 16.945 | 17.016 | VV | 15181  | 446488  | 7.31%  | 0.378% |
| 246 | 17.034 | 17.016 | 17.082 | VV | 10622  | 313497  | 5.13%  | 0.265% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 17.114 | 17.082 | 17.148 | VV | 8462  | 283380  | 4.64%  | 0.240% |
| 248    | 17.178 | 17.148 | 17.191 | VV | 7781  | 182189  | 2.98%  | 0.154% |
| 249    | 17.211 | 17.191 | 17.223 | VV | 8246  | 146775  | 2.40%  | 0.124% |
| 250    | 17.228 | 17.223 | 17.254 | VV | 7761  | 141968  | 2.33%  | 0.120% |
| 251    | 17.299 | 17.254 | 17.315 | VV | 12395 | 374471  | 6.13%  | 0.317% |
| 252    | 17.332 | 17.315 | 17.380 | VV | 14108 | 438433  | 7.18%  | 0.371% |
| 253    | 17.421 | 17.380 | 17.449 | VV | 22587 | 597197  | 9.78%  | 0.505% |
| 254    | 17.476 | 17.449 | 17.489 | VV | 13538 | 295501  | 4.84%  | 0.250% |
| 255    | 17.518 | 17.489 | 17.567 | VV | 14112 | 571822  | 9.37%  | 0.484% |
| 256    | 17.609 | 17.567 | 17.644 | VV | 27554 | 765723  | 12.54% | 0.647% |
| 257    | 17.698 | 17.644 | 17.728 | VV | 76864 | 1718135 | 28.14% | 1.453% |
| 258    | 17.751 | 17.728 | 17.779 | VV | 36134 | 824690  | 13.51% | 0.697% |
| 259    | 17.793 | 17.779 | 17.812 | VV | 17884 | 322416  | 5.28%  | 0.273% |
| 260    | 17.839 | 17.812 | 17.853 | VV | 26232 | 500842  | 8.20%  | 0.423% |
| 261    | 17.867 | 17.853 | 17.908 | VV | 23983 | 623730  | 10.22% | 0.527% |
| 262    | 17.945 | 17.908 | 17.991 | VV | 68010 | 1547644 | 25.35% | 1.309% |
| 263    | 18.026 | 17.991 | 18.065 | VV | 17778 | 734470  | 12.03% | 0.621% |
| 264    | 18.096 | 18.065 | 18.138 | VV | 28586 | 936079  | 15.33% | 0.792% |
| 265    | 18.159 | 18.138 | 18.185 | VV | 21557 | 530931  | 8.70%  | 0.449% |
| 266    | 18.253 | 18.185 | 18.298 | VV | 40377 | 1625666 | 26.62% | 1.375% |
| 267    | 18.310 | 18.298 | 18.339 | VV | 23551 | 501320  | 8.21%  | 0.424% |
| 268    | 18.360 | 18.339 | 18.372 | VV | 18045 | 334520  | 5.48%  | 0.283% |
| 269    | 18.481 | 18.372 | 18.502 | VV | 50878 | 2086975 | 34.18% | 1.765% |
| 270    | 18.513 | 18.502 | 18.538 | VV | 35213 | 739887  | 12.12% | 0.626% |
| 271    | 18.549 | 18.538 | 18.590 | VV | 34605 | 897176  | 14.69% | 0.759% |
| 272    | 18.605 | 18.590 | 18.623 | VV | 24330 | 475208  | 7.78%  | 0.402% |
| 273    | 18.657 | 18.623 | 18.711 | VV | 26972 | 1207467 | 19.78% | 1.021% |
| 274    | 18.739 | 18.711 | 18.785 | VV | 27022 | 1022626 | 16.75% | 0.865% |
| 275    | 18.805 | 18.785 | 18.838 | VV | 22730 | 702899  | 11.51% | 0.594% |
| 276    | 18.849 | 18.838 | 18.876 | VV | 21773 | 474438  | 7.77%  | 0.401% |
| 277    | 18.967 | 18.876 | 18.996 | VV | 33447 | 1820158 | 29.81% | 1.539% |
| 278    | 19.044 | 18.996 | 19.066 | VV | 36765 | 1201435 | 19.68% | 1.016% |
| 279    | 19.109 | 19.066 | 19.142 | VV | 46313 | 1569015 | 25.70% | 1.327% |
| 280    | 19.180 | 19.142 | 19.216 | VV | 47168 | 1574868 | 25.79% | 1.332% |
| 281    | 19.232 | 19.216 | 19.248 | VV | 33864 | 619568  | 10.15% | 0.524% |
| 282    | 19.284 | 19.248 | 19.332 | VV | 43228 | 1860853 | 30.48% | 1.573% |
| 283    | 19.343 | 19.332 | 19.359 | VV | 32442 | 511306  | 8.37%  | 0.432% |
| 284    | 19.415 | 19.359 | 19.426 | VV | 33695 | 1238848 | 20.29% | 1.048% |
| 285    | 19.431 | 19.426 | 19.445 | VV | 31732 | 341443  | 5.59%  | 0.289% |
| 286    | 19.488 | 19.445 | 19.550 | VV | 50519 | 2464910 | 40.37% | 2.084% |
| 287    | 19.571 | 19.550 | 19.605 | VV | 38501 | 1172332 | 19.20% | 0.991% |
| 288    | 19.629 | 19.605 | 19.658 | VV | 37562 | 1128311 | 18.48% | 0.954% |
| 289    | 19.678 | 19.658 | 19.692 | VV | 38315 | 732739  | 12.00% | 0.620% |
| 290    | 19.701 | 19.692 | 19.712 | VV | 34261 | 399476  | 6.54%  | 0.338% |
| 291    | 19.816 | 19.712 | 19.862 | VV | 47865 | 3402301 | 55.72% | 2.877% |
| 292    | 19.886 | 19.862 | 19.912 | VV | 38559 | 1105371 | 18.10% | 0.935% |
| 293    | 19.945 | 19.912 | 19.971 | VV | 40088 | 1376316 | 22.54% | 1.164% |
| 294    | 19.980 | 19.971 | 19.992 | VV | 38836 | 488763  | 8.00%  | 0.413% |
| 295    | 20.003 | 19.992 | 20.015 | VV | 39010 | 504831  | 8.27%  | 0.427% |
| 296    | 20.049 | 20.015 | 20.066 | VV | 41583 | 1214636 | 19.89% | 1.027% |
| 297    | 20.074 | 20.066 | 20.085 | VV | 41167 | 462385  | 7.57%  | 0.391% |
| 298    | 20.163 | 20.085 | 20.194 | VV | 50011 | 2863188 | 46.89% | 2.421% |
| 299    | 20.235 | 20.194 | 20.282 | VV | 48480 | 2316335 | 37.94% | 1.959% |

|     |        |        |        |    |       |         |        |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
|     |        |        |        |    |       | rteres  |        |        |
| 300 | 20.356 | 20.282 | 20.405 | VV | 51674 | 3448180 | 56.47% | 2.916% |
| 301 | 20.483 | 20.405 | 20.522 | VV | 46912 | 3105797 | 50.87% | 2.626% |
| 302 | 20.547 | 20.522 | 20.596 | VV | 45711 | 1956642 | 32.05% | 1.654% |
| 303 | 20.618 | 20.596 | 20.645 | VV | 43242 | 1220432 | 19.99% | 1.032% |
| 304 | 20.661 | 20.645 | 20.688 | VV | 45116 | 1110917 | 18.19% | 0.939% |
| 305 | 20.699 | 20.688 | 20.712 | VV | 40772 | 557742  | 9.13%  | 0.472% |

Sum of corrected areas: 118265298

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