

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD060421AL\  
 Data File : FD037729.D  
 Signal(s) : FID2B.CH  
 Acq On : 05 Jun 2021 21:33  
 Sample : M2599-02  
 Misc :  
 ALS Vial : 93 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 051321.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         | 3.249       | 3.225        | 3.361      | BV       | 285            | 2030         | 0.05%          | 0.002%        |
| 2         | 3.435       | 3.414        | 3.474      | PV       | 150            | 3120         | 0.07%          | 0.003%        |
| 3         | 3.512       | 3.495        | 3.533      | PV       | 157            | 2044         | 0.05%          | 0.002%        |
| 4         | 3.548       | 3.533        | 3.604      | VV       | 274            | 4429         | 0.10%          | 0.005%        |
| 5         | 3.620       | 3.604        | 3.668      | PV       | 265            | 5222         | 0.12%          | 0.006%        |
| 6         | 3.674       | 3.668        | 3.705      | VV       | 64             | 1552         | 0.04%          | 0.002%        |
| 7         | 3.739       | 3.705        | 3.772      | VV       | 274            | 5944         | 0.14%          | 0.006%        |
| 8         | 3.784       | 3.772        | 3.809      | VV       | 188            | 2464         | 0.06%          | 0.003%        |
| 9         | 3.829       | 3.809        | 3.873      | PV       | 248            | 4706         | 0.11%          | 0.005%        |
| 10        | 3.917       | 3.873        | 3.945      | VV       | 906            | 11878        | 0.27%          | 0.013%        |
| 11        | 3.957       | 3.945        | 3.993      | VV       | 482            | 8386         | 0.19%          | 0.009%        |
| 12        | 4.004       | 3.993        | 4.031      | VV       | 252            | 3926         | 0.09%          | 0.004%        |
| 13        | 4.058       | 4.031        | 4.083      | VV       | 1247           | 20778        | 0.47%          | 0.022%        |
| 14        | 4.095       | 4.083        | 4.182      | VV       | 750            | 23248        | 0.53%          | 0.025%        |
| 15        | 4.190       | 4.182        | 4.205      | VV       | 146            | 1794         | 0.04%          | 0.002%        |
| 16        | 4.226       | 4.205        | 4.249      | VV       | 363            | 5636         | 0.13%          | 0.006%        |
| 17        | 4.264       | 4.249        | 4.288      | VV       | 305            | 3784         | 0.09%          | 0.004%        |
| 18        | 4.314       | 4.288        | 4.346      | VV       | 440            | 7481         | 0.17%          | 0.008%        |
| 19        | 4.357       | 4.346        | 4.370      | VV       | 224            | 1908         | 0.04%          | 0.002%        |
| 20        | 4.385       | 4.370        | 4.398      | VV       | 236            | 2865         | 0.07%          | 0.003%        |
| 21        | 4.412       | 4.398        | 4.444      | VV       | 287            | 4477         | 0.10%          | 0.005%        |
| 22        | 4.462       | 4.444        | 4.493      | VV       | 716            | 8082         | 0.18%          | 0.009%        |
| 23        | 4.525       | 4.493        | 4.585      | VV       | 2271           | 34390        | 0.79%          | 0.036%        |
| 24        | 4.599       | 4.585        | 4.640      | VV       | 585            | 7585         | 0.17%          | 0.008%        |
| 25        | 4.661       | 4.640        | 4.677      | VV       | 371            | 5705         | 0.13%          | 0.006%        |
| 26        | 4.695       | 4.677        | 4.738      | VV       | 840            | 11068        | 0.25%          | 0.012%        |
| 27        | 4.749       | 4.738        | 4.857      | VV       | 197            | 7366         | 0.17%          | 0.008%        |
| 28        | 4.895       | 4.857        | 4.926      | PV       | 702            | 10423        | 0.24%          | 0.011%        |
| 29        | 4.946       | 4.926        | 4.977      | VV       | 311            | 4223         | 0.10%          | 0.004%        |
| 30        | 4.999       | 4.977        | 5.017      | VV       | 552            | 6038         | 0.14%          | 0.006%        |
| 31        | 5.028       | 5.017        | 5.041      | VV       | 160            | 1490         | 0.03%          | 0.002%        |
| 32        | 5.055       | 5.041        | 5.068      | VV       | 180            | 2032         | 0.05%          | 0.002%        |
| 33        | 5.081       | 5.068        | 5.092      | VV       | 127            | 1070         | 0.02%          | 0.001%        |
| 34        | 5.116       | 5.092        | 5.150      | VV       | 547            | 8678         | 0.20%          | 0.009%        |
| 35        | 5.168       | 5.150        | 5.212      | VV       | 510            | 7662         | 0.17%          | 0.008%        |
| 36        | 5.236       | 5.212        | 5.253      | VV       | 263            | 3465         | 0.08%          | 0.004%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.265 | 5.253 | 5.278 | VV | 185    | 1145   | 0.03% | 0.001% |
| 38 | 5.294 | 5.278 | 5.324 | PV | 506    | 6061   | 0.14% | 0.006% |
| 39 | 5.348 | 5.324 | 5.365 | VV | 583    | 6410   | 0.15% | 0.007% |
| 40 | 5.400 | 5.365 | 5.441 | VV | 448    | 11149  | 0.25% | 0.012% |
| 41 | 5.459 | 5.441 | 5.498 | VV | 385    | 5415   | 0.12% | 0.006% |
| 42 | 5.528 | 5.498 | 5.568 | PV | 251    | 4698   | 0.11% | 0.005% |
| 43 | 5.609 | 5.568 | 5.621 | PV | 370    | 7016   | 0.16% | 0.007% |
| 44 | 5.641 | 5.621 | 5.728 | VV | 1185   | 25546  | 0.58% | 0.027% |
| 45 | 5.741 | 5.728 | 5.775 | VV | 235    | 4920   | 0.11% | 0.005% |
| 46 | 5.791 | 5.775 | 5.825 | VV | 306    | 5134   | 0.12% | 0.005% |
| 47 | 5.854 | 5.825 | 5.868 | VV | 403    | 6608   | 0.15% | 0.007% |
| 48 | 5.893 | 5.868 | 5.928 | VV | 9072   | 96758  | 2.21% | 0.103% |
| 49 | 5.955 | 5.928 | 6.022 | VV | 5317   | 76685  | 1.75% | 0.081% |
| 50 | 6.042 | 6.022 | 6.092 | VV | 651    | 14414  | 0.33% | 0.015% |
| 51 | 6.133 | 6.092 | 6.154 | VV | 203    | 6714   | 0.15% | 0.007% |
| 52 | 6.171 | 6.154 | 6.226 | VV | 354    | 11587  | 0.26% | 0.012% |
| 53 | 6.277 | 6.226 | 6.308 | VV | 496    | 14022  | 0.32% | 0.015% |
| 54 | 6.328 | 6.308 | 6.389 | VV | 926    | 18163  | 0.41% | 0.019% |
| 55 | 6.403 | 6.389 | 6.422 | VV | 146    | 2147   | 0.05% | 0.002% |
| 56 | 6.443 | 6.422 | 6.450 | VV | 150    | 1805   | 0.04% | 0.002% |
| 57 | 6.473 | 6.450 | 6.501 | VV | 333    | 4718   | 0.11% | 0.005% |
| 58 | 6.512 | 6.501 | 6.534 | VV | 148    | 1808   | 0.04% | 0.002% |
| 59 | 6.582 | 6.563 | 6.595 | VV | 110    | 1114   | 0.03% | 0.001% |
| 60 | 6.601 | 6.595 | 6.618 | VV | 160    | 1036   | 0.02% | 0.001% |
| 61 | 6.644 | 6.618 | 6.674 | PV | 387    | 7186   | 0.16% | 0.008% |
| 62 | 6.690 | 6.674 | 6.711 | VV | 476    | 6035   | 0.14% | 0.006% |
| 63 | 6.723 | 6.711 | 6.738 | VV | 376    | 4216   | 0.10% | 0.004% |
| 64 | 6.756 | 6.738 | 6.777 | VV | 411    | 6086   | 0.14% | 0.006% |
| 65 | 6.797 | 6.777 | 6.815 | VV | 569    | 8599   | 0.20% | 0.009% |
| 66 | 6.846 | 6.815 | 6.863 | VV | 686    | 16434  | 0.38% | 0.017% |
| 67 | 6.882 | 6.863 | 6.907 | VV | 859    | 20007  | 0.46% | 0.021% |
| 68 | 6.944 | 6.907 | 6.966 | VV | 4845   | 64217  | 1.47% | 0.068% |
| 69 | 6.974 | 6.966 | 7.010 | VV | 804    | 11857  | 0.27% | 0.013% |
| 70 | 7.024 | 7.010 | 7.057 | VV | 602    | 9037   | 0.21% | 0.010% |
| 71 | 7.078 | 7.057 | 7.106 | VV | 4250   | 44616  | 1.02% | 0.047% |
| 72 | 7.118 | 7.106 | 7.138 | VV | 453    | 5715   | 0.13% | 0.006% |
| 73 | 7.146 | 7.138 | 7.161 | VV | 235    | 2953   | 0.07% | 0.003% |
| 74 | 7.172 | 7.161 | 7.215 | VV | 300    | 6985   | 0.16% | 0.007% |
| 75 | 7.246 | 7.215 | 7.275 | VV | 1083   | 17826  | 0.41% | 0.019% |
| 76 | 7.306 | 7.275 | 7.346 | VV | 195    | 4708   | 0.11% | 0.005% |
| 77 | 7.372 | 7.346 | 7.398 | PV | 218    | 3725   | 0.09% | 0.004% |
| 78 | 7.422 | 7.398 | 7.455 | VV | 381    | 7479   | 0.17% | 0.008% |
| 79 | 7.462 | 7.455 | 7.495 | VV | 130    | 2226   | 0.05% | 0.002% |
| 80 | 7.666 | 7.637 | 7.748 | VV | 2091   | 54107  | 1.24% | 0.057% |
| 81 | 7.764 | 7.748 | 7.783 | VV | 337    | 5599   | 0.13% | 0.006% |
| 82 | 7.822 | 7.783 | 7.899 | VV | 1273   | 47001  | 1.07% | 0.050% |
| 83 | 7.935 | 7.899 | 7.972 | VV | 2508   | 53393  | 1.22% | 0.057% |
| 84 | 8.037 | 7.972 | 8.052 | VV | 5116   | 76554  | 1.75% | 0.081% |
| 85 | 8.064 | 8.052 | 8.077 | VV | 3004   | 33462  | 0.76% | 0.035% |
| 86 | 8.091 | 8.077 | 8.139 | VV | 3448   | 65808  | 1.50% | 0.070% |
| 87 | 8.219 | 8.139 | 8.258 | VV | 18762  | 258693 | 5.91% | 0.274% |
| 88 | 8.269 | 8.258 | 8.287 | VV | 746    | 9844   | 0.22% | 0.010% |
| 89 | 8.309 | 8.287 | 8.371 | VV | 1153   | 22043  | 0.50% | 0.023% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 90  | 8.513  | 8.490  | 8.541  | VV | 15199  | 166740  | 3.81%  | 0.177% |
| 91  | 8.560  | 8.541  | 8.614  | VV | 2471   | 54231   | 1.24%  | 0.057% |
| 92  | 8.648  | 8.614  | 8.685  | VV | 1219   | 34755   | 0.79%  | 0.037% |
| 93  | 8.707  | 8.685  | 8.718  | VV | 675    | 11507   | 0.26%  | 0.012% |
| 94  | 8.753  | 8.718  | 8.767  | VV | 2266   | 33742   | 0.77%  | 0.036% |
| 95  | 8.785  | 8.767  | 8.810  | VV | 8430   | 95064   | 2.17%  | 0.101% |
| 96  | 8.826  | 8.810  | 8.860  | VV | 1444   | 30063   | 0.69%  | 0.032% |
| 97  | 8.874  | 8.860  | 8.895  | VV | 924    | 14485   | 0.33%  | 0.015% |
| 98  | 8.926  | 8.895  | 8.947  | VV | 3168   | 49161   | 1.12%  | 0.052% |
| 99  | 8.962  | 8.947  | 9.001  | VV | 2724   | 38982   | 0.89%  | 0.041% |
| 100 | 9.020  | 9.001  | 9.041  | VV | 1028   | 12015   | 0.27%  | 0.013% |
| 101 | 9.076  | 9.041  | 9.093  | PV | 2770   | 31902   | 0.73%  | 0.034% |
| 102 | 9.109  | 9.093  | 9.131  | VV | 2359   | 25980   | 0.59%  | 0.028% |
| 103 | 9.159  | 9.131  | 9.178  | VV | 2631   | 31117   | 0.71%  | 0.033% |
| 104 | 9.212  | 9.178  | 9.234  | VV | 2177   | 31232   | 0.71%  | 0.033% |
| 105 | 9.256  | 9.234  | 9.272  | VV | 3414   | 39451   | 0.90%  | 0.042% |
| 106 | 9.294  | 9.272  | 9.349  | VV | 16531  | 209656  | 4.79%  | 0.222% |
| 107 | 9.373  | 9.349  | 9.402  | VV | 2922   | 46820   | 1.07%  | 0.050% |
| 108 | 9.442  | 9.402  | 9.484  | VV | 4869   | 98092   | 2.24%  | 0.104% |
| 109 | 9.503  | 9.484  | 9.527  | VV | 2658   | 37701   | 0.86%  | 0.040% |
| 110 | 9.555  | 9.527  | 9.592  | VV | 1500   | 33679   | 0.77%  | 0.036% |
| 111 | 9.615  | 9.592  | 9.651  | VV | 5351   | 77318   | 1.77%  | 0.082% |
| 112 | 9.664  | 9.651  | 9.683  | VV | 1233   | 17628   | 0.40%  | 0.019% |
| 113 | 9.712  | 9.683  | 9.759  | VV | 7929   | 132317  | 3.02%  | 0.140% |
| 114 | 9.775  | 9.759  | 9.791  | VV | 1391   | 17536   | 0.40%  | 0.019% |
| 115 | 9.807  | 9.791  | 9.838  | VV | 722    | 11325   | 0.26%  | 0.012% |
| 116 | 9.877  | 9.838  | 9.904  | VV | 1094   | 16756   | 0.38%  | 0.018% |
| 117 | 9.915  | 9.904  | 9.934  | VV | 317    | 2598    | 0.06%  | 0.003% |
| 118 | 9.979  | 9.934  | 9.992  | PV | 468    | 7475    | 0.17%  | 0.008% |
| 119 | 10.004 | 9.992  | 10.018 | VV | 363    | 4349    | 0.10%  | 0.005% |
| 120 | 10.037 | 10.018 | 10.071 | VV | 1514   | 24167   | 0.55%  | 0.026% |
| 121 | 10.093 | 10.071 | 10.116 | VV | 1699   | 26710   | 0.61%  | 0.028% |
| 122 | 10.146 | 10.116 | 10.155 | VV | 2992   | 38877   | 0.89%  | 0.041% |
| 123 | 10.172 | 10.155 | 10.195 | VV | 5830   | 78758   | 1.80%  | 0.083% |
| 124 | 10.214 | 10.195 | 10.251 | VV | 3765   | 66796   | 1.52%  | 0.071% |
| 125 | 10.289 | 10.251 | 10.320 | VV | 7032   | 109195  | 2.49%  | 0.116% |
| 126 | 10.344 | 10.320 | 10.390 | VV | 13143  | 209760  | 4.79%  | 0.222% |
| 127 | 10.420 | 10.390 | 10.431 | VV | 3326   | 60967   | 1.39%  | 0.065% |
| 128 | 10.457 | 10.431 | 10.471 | VV | 5579   | 96479   | 2.20%  | 0.102% |
| 129 | 10.492 | 10.471 | 10.531 | VV | 10752  | 213864  | 4.88%  | 0.227% |
| 130 | 10.543 | 10.531 | 10.575 | VV | 3308   | 65727   | 1.50%  | 0.070% |
| 131 | 10.605 | 10.575 | 10.638 | VV | 3942   | 94621   | 2.16%  | 0.100% |
| 132 | 10.691 | 10.638 | 10.738 | VV | 183601 | 1986408 | 45.35% | 2.105% |
| 133 | 10.764 | 10.738 | 10.811 | VV | 56917  | 639378  | 14.60% | 0.678% |
| 134 | 10.820 | 10.811 | 10.851 | VV | 1555   | 27577   | 0.63%  | 0.029% |
| 135 | 10.863 | 10.851 | 10.886 | VV | 1008   | 15480   | 0.35%  | 0.016% |
| 136 | 10.901 | 10.886 | 10.915 | VV | 563    | 7685    | 0.18%  | 0.008% |
| 137 | 10.939 | 10.915 | 10.959 | VV | 2651   | 34735   | 0.79%  | 0.037% |
| 138 | 10.980 | 10.959 | 11.022 | VV | 10863  | 143998  | 3.29%  | 0.153% |
| 139 | 11.052 | 11.022 | 11.062 | PV | 1263   | 20307   | 0.46%  | 0.022% |
| 140 | 11.088 | 11.062 | 11.108 | VV | 2295   | 48309   | 1.10%  | 0.051% |
| 141 | 11.118 | 11.108 | 11.124 | VV | 1564   | 14271   | 0.33%  | 0.015% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 11.143 | 11.124 | 11.160 | VV | 3318   | 48176   | 1.10%   | 0.051% |
| 143 | 11.183 | 11.160 | 11.190 | VV | 3049   | 43106   | 0.98%   | 0.046% |
| 144 | 11.224 | 11.190 | 11.258 | VV | 8868   | 177987  | 4.06%   | 0.189% |
| 145 | 11.290 | 11.258 | 11.312 | VV | 4368   | 65526   | 1.50%   | 0.069% |
|     |        |        |        |    |        |         |         |        |
| 146 | 11.339 | 11.312 | 11.358 | VV | 4158   | 60579   | 1.38%   | 0.064% |
| 147 | 11.381 | 11.358 | 11.403 | VV | 3871   | 54800   | 1.25%   | 0.058% |
| 148 | 11.459 | 11.403 | 11.479 | VV | 409657 | 4380130 | 100.00% | 4.642% |
| 149 | 11.490 | 11.479 | 11.505 | VV | 28260  | 285118  | 6.51%   | 0.302% |
| 150 | 11.521 | 11.505 | 11.560 | VV | 35363  | 414634  | 9.47%   | 0.439% |
|     |        |        |        |    |        |         |         |        |
| 151 | 11.603 | 11.560 | 11.621 | VV | 32288  | 503785  | 11.50%  | 0.534% |
| 152 | 11.638 | 11.621 | 11.652 | VV | 22486  | 254313  | 5.81%   | 0.269% |
| 153 | 11.668 | 11.652 | 11.701 | VV | 26376  | 320339  | 7.31%   | 0.339% |
| 154 | 11.715 | 11.701 | 11.725 | VV | 960    | 9896    | 0.23%   | 0.010% |
| 155 | 11.751 | 11.725 | 11.768 | VV | 2543   | 39451   | 0.90%   | 0.042% |
|     |        |        |        |    |        |         |         |        |
| 156 | 11.811 | 11.768 | 11.828 | VV | 4263   | 87395   | 2.00%   | 0.093% |
| 157 | 11.850 | 11.828 | 11.934 | VV | 17664  | 328577  | 7.50%   | 0.348% |
| 158 | 11.958 | 11.934 | 12.001 | VV | 19227  | 261076  | 5.96%   | 0.277% |
| 159 | 12.018 | 12.001 | 12.037 | VV | 3049   | 46966   | 1.07%   | 0.050% |
| 160 | 12.060 | 12.037 | 12.085 | VV | 35957  | 366517  | 8.37%   | 0.388% |
|     |        |        |        |    |        |         |         |        |
| 161 | 12.104 | 12.085 | 12.122 | VV | 3755   | 54366   | 1.24%   | 0.058% |
| 162 | 12.138 | 12.122 | 12.151 | VV | 2286   | 30783   | 0.70%   | 0.033% |
| 163 | 12.164 | 12.151 | 12.177 | VV | 2048   | 25096   | 0.57%   | 0.027% |
| 164 | 12.209 | 12.177 | 12.219 | VV | 4344   | 74914   | 1.71%   | 0.079% |
| 165 | 12.231 | 12.219 | 12.258 | VV | 5024   | 72942   | 1.67%   | 0.077% |
|     |        |        |        |    |        |         |         |        |
| 166 | 12.278 | 12.258 | 12.316 | VV | 10160  | 180667  | 4.12%   | 0.191% |
| 167 | 12.339 | 12.316 | 12.365 | VV | 18954  | 254457  | 5.81%   | 0.270% |
| 168 | 12.387 | 12.365 | 12.407 | VV | 27653  | 361015  | 8.24%   | 0.383% |
| 169 | 12.424 | 12.407 | 12.437 | VV | 12522  | 180915  | 4.13%   | 0.192% |
| 170 | 12.450 | 12.437 | 12.471 | VV | 12914  | 178300  | 4.07%   | 0.189% |
|     |        |        |        |    |        |         |         |        |
| 171 | 12.506 | 12.471 | 12.547 | VV | 329764 | 3708607 | 84.67%  | 3.930% |
| 172 | 12.565 | 12.547 | 12.581 | VV | 3031   | 35025   | 0.80%   | 0.037% |
| 173 | 12.598 | 12.581 | 12.612 | VV | 2602   | 32451   | 0.74%   | 0.034% |
| 174 | 12.637 | 12.612 | 12.653 | VV | 18719  | 231789  | 5.29%   | 0.246% |
| 175 | 12.661 | 12.653 | 12.673 | VV | 9405   | 98769   | 2.25%   | 0.105% |
|     |        |        |        |    |        |         |         |        |
| 176 | 12.688 | 12.673 | 12.700 | VV | 11933  | 144798  | 3.31%   | 0.153% |
| 177 | 12.714 | 12.700 | 12.729 | VV | 12035  | 159204  | 3.63%   | 0.169% |
| 178 | 12.741 | 12.729 | 12.770 | VV | 8745   | 136607  | 3.12%   | 0.145% |
| 179 | 12.802 | 12.770 | 12.828 | VV | 309402 | 3392755 | 77.46%  | 3.595% |
| 180 | 12.854 | 12.828 | 12.866 | VV | 23642  | 278780  | 6.36%   | 0.295% |
|     |        |        |        |    |        |         |         |        |
| 181 | 12.892 | 12.866 | 12.921 | VV | 307796 | 3660722 | 83.58%  | 3.879% |
| 182 | 12.941 | 12.921 | 12.951 | VV | 3373   | 47125   | 1.08%   | 0.050% |
| 183 | 12.972 | 12.951 | 12.985 | VV | 11349  | 139484  | 3.18%   | 0.148% |
| 184 | 12.999 | 12.985 | 13.026 | VV | 9185   | 121008  | 2.76%   | 0.128% |
| 185 | 13.065 | 13.026 | 13.112 | PV | 17850  | 319082  | 7.28%   | 0.338% |
|     |        |        |        |    |        |         |         |        |
| 186 | 13.132 | 13.112 | 13.166 | VV | 7381   | 124880  | 2.85%   | 0.132% |
| 187 | 13.194 | 13.166 | 13.212 | VV | 11780  | 159146  | 3.63%   | 0.169% |
| 188 | 13.220 | 13.212 | 13.231 | VV | 5314   | 56221   | 1.28%   | 0.060% |
| 189 | 13.255 | 13.231 | 13.276 | VV | 27753  | 411755  | 9.40%   | 0.436% |
| 190 | 13.285 | 13.276 | 13.328 | VV | 11229  | 156042  | 3.56%   | 0.165% |
|     |        |        |        |    |        |         |         |        |
| 191 | 13.385 | 13.328 | 13.425 | VV | 58034  | 988126  | 22.56%  | 1.047% |
| 192 | 13.453 | 13.425 | 13.470 | VV | 6954   | 108024  | 2.47%   | 0.114% |
| 193 | 13.494 | 13.470 | 13.513 | VV | 27462  | 353260  | 8.07%   | 0.374% |
| 194 | 13.532 | 13.513 | 13.555 | VV | 35290  | 422467  | 9.65%   | 0.448% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.571 | 13.555 | 13.597 | VV | 7777   | 132610  | 3.03%  | 0.141% |
| 196 | 13.661 | 13.597 | 13.682 | VV | 31202  | 635139  | 14.50% | 0.673% |
| 197 | 13.702 | 13.682 | 13.743 | VV | 27720  | 359283  | 8.20%  | 0.381% |
| 198 | 13.777 | 13.743 | 13.797 | VV | 6402   | 111012  | 2.53%  | 0.118% |
| 199 | 13.817 | 13.797 | 13.838 | VV | 3224   | 56959   | 1.30%  | 0.060% |
| 200 | 13.865 | 13.838 | 13.876 | VV | 2289   | 41285   | 0.94%  | 0.044% |
| 201 | 13.890 | 13.876 | 13.951 | VV | 2440   | 63446   | 1.45%  | 0.067% |
| 202 | 13.969 | 13.951 | 13.994 | VV | 2900   | 37356   | 0.85%  | 0.040% |
| 203 | 14.024 | 13.994 | 14.035 | VV | 1828   | 25990   | 0.59%  | 0.028% |
| 204 | 14.085 | 14.035 | 14.099 | VV | 10972  | 254377  | 5.81%  | 0.270% |
| 205 | 14.120 | 14.099 | 14.154 | VV | 27146  | 408889  | 9.34%  | 0.433% |
| 206 | 14.219 | 14.154 | 14.265 | VV | 8774   | 339182  | 7.74%  | 0.359% |
| 207 | 14.294 | 14.265 | 14.334 | VV | 26690  | 500272  | 11.42% | 0.530% |
| 208 | 14.358 | 14.334 | 14.382 | VV | 51417  | 694524  | 15.86% | 0.736% |
| 209 | 14.422 | 14.382 | 14.456 | VV | 32306  | 562459  | 12.84% | 0.596% |
| 210 | 14.482 | 14.456 | 14.499 | VV | 5776   | 95435   | 2.18%  | 0.101% |
| 211 | 14.541 | 14.499 | 14.598 | VV | 10841  | 277248  | 6.33%  | 0.294% |
| 212 | 14.623 | 14.598 | 14.641 | VV | 17429  | 208742  | 4.77%  | 0.221% |
| 213 | 14.672 | 14.641 | 14.692 | VV | 162048 | 2007288 | 45.83% | 2.127% |
| 214 | 14.713 | 14.692 | 14.744 | VV | 169116 | 2002925 | 45.73% | 2.122% |
| 215 | 14.760 | 14.744 | 14.792 | VV | 5491   | 100329  | 2.29%  | 0.106% |
| 216 | 14.829 | 14.792 | 14.884 | VV | 40891  | 686453  | 15.67% | 0.727% |
| 217 | 14.906 | 14.884 | 14.943 | VV | 7734   | 152707  | 3.49%  | 0.162% |
| 218 | 14.975 | 14.943 | 14.994 | PV | 11258  | 187775  | 4.29%  | 0.199% |
| 219 | 15.024 | 14.994 | 15.068 | VV | 10310  | 276371  | 6.31%  | 0.293% |
| 220 | 15.118 | 15.068 | 15.182 | VV | 27624  | 585069  | 13.36% | 0.620% |
| 221 | 15.208 | 15.182 | 15.222 | VV | 2724   | 47372   | 1.08%  | 0.050% |
| 222 | 15.261 | 15.222 | 15.283 | VV | 8588   | 208454  | 4.76%  | 0.221% |
| 223 | 15.298 | 15.283 | 15.313 | VV | 9789   | 137793  | 3.15%  | 0.146% |
| 224 | 15.340 | 15.313 | 15.361 | VV | 46172  | 620288  | 14.16% | 0.657% |
| 225 | 15.378 | 15.361 | 15.408 | VV | 20238  | 296184  | 6.76%  | 0.314% |
| 226 | 15.423 | 15.408 | 15.438 | VV | 9693   | 127668  | 2.91%  | 0.135% |
| 227 | 15.500 | 15.438 | 15.536 | VV | 25466  | 744618  | 17.00% | 0.789% |
| 228 | 15.576 | 15.536 | 15.601 | VV | 10215  | 191836  | 4.38%  | 0.203% |
| 229 | 15.617 | 15.601 | 15.637 | VV | 2790   | 46686   | 1.07%  | 0.049% |
| 230 | 15.661 | 15.637 | 15.683 | VV | 9527   | 129400  | 2.95%  | 0.137% |
| 231 | 15.703 | 15.683 | 15.722 | VV | 7138   | 98658   | 2.25%  | 0.105% |
| 232 | 15.762 | 15.722 | 15.795 | VV | 7193   | 161718  | 3.69%  | 0.171% |
| 233 | 15.816 | 15.795 | 15.826 | PV | 1644   | 21021   | 0.48%  | 0.022% |
| 234 | 15.836 | 15.826 | 15.852 | VV | 1461   | 18282   | 0.42%  | 0.019% |
| 235 | 15.867 | 15.852 | 15.883 | VV | 1637   | 17816   | 0.41%  | 0.019% |
| 236 | 15.955 | 15.883 | 15.990 | PV | 6810   | 200919  | 4.59%  | 0.213% |
| 237 | 16.010 | 15.990 | 16.026 | VV | 7226   | 89274   | 2.04%  | 0.095% |
| 238 | 16.042 | 16.026 | 16.074 | VV | 6182   | 121783  | 2.78%  | 0.129% |
| 239 | 16.086 | 16.074 | 16.091 | VV | 3456   | 33222   | 0.76%  | 0.035% |
| 240 | 16.132 | 16.091 | 16.179 | VV | 13239  | 370446  | 8.46%  | 0.393% |
| 241 | 16.227 | 16.179 | 16.288 | VV | 158798 | 3041311 | 69.43% | 3.223% |
| 242 | 16.309 | 16.288 | 16.325 | VV | 2463   | 42412   | 0.97%  | 0.045% |
| 243 | 16.353 | 16.325 | 16.376 | VV | 33806  | 423079  | 9.66%  | 0.448% |
| 244 | 16.390 | 16.376 | 16.431 | VV | 6128   | 102524  | 2.34%  | 0.109% |
| 245 | 16.446 | 16.431 | 16.454 | VV | 1100   | 9227    | 0.21%  | 0.010% |
| 246 | 16.473 | 16.454 | 16.488 | VV | 4858   | 60370   | 1.38%  | 0.064% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 16.544 | 16.488 | 16.571 | VV | 102645 | 1497136 | 34.18% | 1.586% |
| 248    | 16.603 | 16.571 | 16.647 | VV | 136597 | 1672865 | 38.19% | 1.773% |
| 249    | 16.669 | 16.647 | 16.677 | PV | 3635   | 38841   | 0.89%  | 0.041% |
| 250    | 16.702 | 16.677 | 16.729 | VV | 35229  | 433997  | 9.91%  | 0.460% |
| 251    | 16.751 | 16.729 | 16.792 | VV | 8551   | 170342  | 3.89%  | 0.181% |
| 252    | 16.843 | 16.792 | 16.884 | VV | 10870  | 322802  | 7.37%  | 0.342% |
| 253    | 16.903 | 16.884 | 16.922 | VV | 4988   | 68379   | 1.56%  | 0.072% |
| 254    | 16.965 | 16.922 | 17.038 | VV | 17610  | 543683  | 12.41% | 0.576% |
| 255    | 17.069 | 17.038 | 17.078 | VV | 8663   | 120730  | 2.76%  | 0.128% |
| 256    | 17.100 | 17.078 | 17.112 | VV | 11675  | 191728  | 4.38%  | 0.203% |
| 257    | 17.125 | 17.112 | 17.138 | VV | 11791  | 159446  | 3.64%  | 0.169% |
| 258    | 17.149 | 17.138 | 17.166 | VV | 10390  | 130899  | 2.99%  | 0.139% |
| 259    | 17.185 | 17.166 | 17.201 | VV | 9397   | 132314  | 3.02%  | 0.140% |
| 260    | 17.213 | 17.201 | 17.230 | VV | 6218   | 81292   | 1.86%  | 0.086% |
| 261    | 17.256 | 17.230 | 17.281 | VV | 15124  | 245008  | 5.59%  | 0.260% |
| 262    | 17.296 | 17.281 | 17.336 | VV | 5455   | 101629  | 2.32%  | 0.108% |
| 263    | 17.369 | 17.336 | 17.391 | PV | 3743   | 78033   | 1.78%  | 0.083% |
| 264    | 17.405 | 17.391 | 17.421 | VV | 1128   | 14961   | 0.34%  | 0.016% |
| 265    | 17.440 | 17.421 | 17.455 | VV | 2294   | 22716   | 0.52%  | 0.024% |
| 266    | 17.472 | 17.455 | 17.487 | VV | 1281   | 13966   | 0.32%  | 0.015% |
| 267    | 17.557 | 17.487 | 17.567 | PV | 6889   | 175340  | 4.00%  | 0.186% |
| 268    | 17.586 | 17.567 | 17.611 | VV | 10157  | 170226  | 3.89%  | 0.180% |
| 269    | 17.687 | 17.611 | 17.712 | VV | 9887   | 362022  | 8.27%  | 0.384% |
| 270    | 17.742 | 17.712 | 17.785 | VV | 12208  | 370869  | 8.47%  | 0.393% |
| 271    | 17.823 | 17.785 | 17.844 | VV | 6226   | 152967  | 3.49%  | 0.162% |
| 272    | 17.875 | 17.844 | 17.919 | VV | 24863  | 489189  | 11.17% | 0.518% |
| 273    | 17.968 | 17.919 | 17.990 | VV | 76830  | 1233333 | 28.16% | 1.307% |
| 274    | 18.006 | 17.990 | 18.033 | VV | 25618  | 425689  | 9.72%  | 0.451% |
| 275    | 18.049 | 18.033 | 18.070 | VV | 10126  | 146653  | 3.35%  | 0.155% |
| 276    | 18.097 | 18.070 | 18.114 | VV | 25128  | 346855  | 7.92%  | 0.368% |
| 277    | 18.129 | 18.114 | 18.189 | VV | 19991  | 417333  | 9.53%  | 0.442% |
| 278    | 18.222 | 18.189 | 18.250 | VV | 75169  | 929100  | 21.21% | 0.985% |
| 279    | 18.302 | 18.250 | 18.325 | VV | 8723   | 229221  | 5.23%  | 0.243% |
| 280    | 18.351 | 18.325 | 18.376 | VV | 24296  | 381809  | 8.72%  | 0.405% |
| 281    | 18.409 | 18.376 | 18.433 | VV | 8572   | 202814  | 4.63%  | 0.215% |
| 282    | 18.449 | 18.433 | 18.466 | VV | 5985   | 105196  | 2.40%  | 0.111% |
| 283    | 18.473 | 18.466 | 18.486 | VV | 4863   | 55803   | 1.27%  | 0.059% |
| 284    | 18.516 | 18.486 | 18.545 | VV | 13650  | 340698  | 7.78%  | 0.361% |
| 285    | 18.562 | 18.545 | 18.582 | VV | 10618  | 193176  | 4.41%  | 0.205% |
| 286    | 18.604 | 18.582 | 18.630 | VV | 13076  | 274284  | 6.26%  | 0.291% |
| 287    | 18.652 | 18.630 | 18.671 | VV | 12883  | 239680  | 5.47%  | 0.254% |
| 288    | 18.696 | 18.671 | 18.706 | VV | 10062  | 184928  | 4.22%  | 0.196% |
| 289    | 18.729 | 18.706 | 18.744 | VV | 14843  | 271034  | 6.19%  | 0.287% |
| 290    | 18.767 | 18.744 | 18.795 | VV | 25252  | 542757  | 12.39% | 0.575% |
| 291    | 18.812 | 18.795 | 18.860 | VV | 15389  | 437051  | 9.98%  | 0.463% |
| 292    | 18.896 | 18.860 | 18.955 | VV | 16730  | 665292  | 15.19% | 0.705% |
| 293    | 18.968 | 18.955 | 18.991 | VV | 8122   | 170093  | 3.88%  | 0.180% |
| 294    | 19.075 | 18.991 | 19.109 | VV | 12295  | 750727  | 17.14% | 0.796% |
| 295    | 19.146 | 19.109 | 19.174 | VV | 11150  | 405070  | 9.25%  | 0.429% |
| 296    | 19.193 | 19.174 | 19.213 | VV | 11207  | 247674  | 5.65%  | 0.262% |
| 297    | 19.249 | 19.213 | 19.277 | VV | 13576  | 436553  | 9.97%  | 0.463% |
| 298    | 19.303 | 19.277 | 19.336 | VV | 17040  | 435196  | 9.94%  | 0.461% |
| 299    | 19.373 | 19.336 | 19.396 | VV | 35957  | 799790  | 18.26% | 0.848% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 19.440 | 19.396 | 19.473 | VV | 37235  | 1100455 | 25.12% | 1.166% |
| 301 | 19.493 | 19.473 | 19.510 | VV | 21468  | 453643  | 10.36% | 0.481% |
| 302 | 19.532 | 19.510 | 19.558 | VV | 25823  | 627165  | 14.32% | 0.665% |
| 303 | 19.568 | 19.558 | 19.614 | VV | 19003  | 551646  | 12.59% | 0.585% |
| 304 | 19.654 | 19.614 | 19.695 | VV | 20726  | 812095  | 18.54% | 0.861% |
| 305 | 19.749 | 19.695 | 19.780 | VV | 42361  | 1287526 | 29.39% | 1.364% |
| 306 | 19.818 | 19.780 | 19.831 | VV | 26653  | 685641  | 15.65% | 0.727% |
| 307 | 19.841 | 19.831 | 19.868 | VV | 25703  | 526603  | 12.02% | 0.558% |
| 308 | 19.887 | 19.868 | 19.920 | VV | 26465  | 758982  | 17.33% | 0.804% |
| 309 | 19.941 | 19.920 | 19.975 | VV | 23034  | 731511  | 16.70% | 0.775% |
| 310 | 19.995 | 19.975 | 20.014 | VV | 22128  | 511964  | 11.69% | 0.543% |
| 311 | 20.042 | 20.014 | 20.054 | VV | 23009  | 522757  | 11.93% | 0.554% |
| 312 | 20.096 | 20.054 | 20.118 | VV | 27879  | 967493  | 22.09% | 1.025% |
| 313 | 20.133 | 20.118 | 20.140 | VV | 26716  | 338106  | 7.72%  | 0.358% |
| 314 | 20.173 | 20.140 | 20.205 | VV | 28939  | 1065650 | 24.33% | 1.129% |
| 315 | 20.225 | 20.205 | 20.257 | VV | 28438  | 847980  | 19.36% | 0.899% |
| 316 | 20.271 | 20.257 | 20.291 | VV | 25421  | 500643  | 11.43% | 0.531% |
| 317 | 20.410 | 20.291 | 20.423 | VV | 31929  | 2148853 | 49.06% | 2.277% |
| 318 | 20.440 | 20.423 | 20.546 | VV | 31774  | 2021184 | 46.14% | 2.142% |
| 319 | 20.671 | 20.546 | 20.798 | VV | 29592  | 3666012 | 83.70% | 3.885% |
| 320 | 20.824 | 20.798 | 20.854 | VV | 19515  | 587750  | 13.42% | 0.623% |
| 321 | 20.929 | 20.854 | 20.944 | VV | 24753  | 1080931 | 24.68% | 1.145% |
| 322 | 20.999 | 20.944 | 21.045 | VV | 25412  | 1389662 | 31.73% | 1.473% |
| 323 | 21.061 | 21.045 | 21.073 | VV | 17711  | 295623  | 6.75%  | 0.313% |
| 324 | 21.085 | 21.073 | 21.136 | VV | 17071  | 524491  | 11.97% | 0.556% |
| 325 | 21.158 | 21.136 | 21.169 | VV | 11916  | 219934  | 5.02%  | 0.233% |
| 326 | 21.244 | 21.169 | 21.266 | VV | 14031  | 712998  | 16.28% | 0.756% |
| 327 | 21.289 | 21.266 | 21.329 | VV | 13570  | 465551  | 10.63% | 0.493% |
| 328 | 21.371 | 21.329 | 21.418 | VV | 15721  | 580816  | 13.26% | 0.615% |
| 329 | 21.441 | 21.418 | 21.476 | VV | 7969   | 195285  | 4.46%  | 0.207% |
| 330 | 21.494 | 21.476 | 21.517 | VV | 2883   | 50197   | 1.15%  | 0.053% |

Sum of corrected areas: 94367951

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