

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD061721AL\  
 Data File : FD037957.D  
 Signal(s) : FID2B.CH  
 Acq On : 17 Jun 2021 17:37  
 Sample : M2737-01  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 061021.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         | 3.245       | 3.225        | 3.330      | BV       | 193            | 3341         | 0.01%          | 0.002%        |
| 2         | 3.363       | 3.352        | 3.418      | PV       | 196            | 5133         | 0.02%          | 0.002%        |
| 3         | 3.433       | 3.418        | 3.467      | VV       | 158            | 2302         | 0.01%          | 0.001%        |
| 4         | 3.502       | 3.495        | 3.526      | PV       | 97             | 1537         | 0.01%          | 0.001%        |
| 5         | 3.539       | 3.526        | 3.558      | VV       | 464            | 4095         | 0.02%          | 0.002%        |
| 6         | 3.574       | 3.558        | 3.595      | VV       | 262            | 3470         | 0.02%          | 0.002%        |
| 7         | 3.635       | 3.595        | 3.718      | VV       | 940            | 19332        | 0.08%          | 0.009%        |
| 8         | 3.732       | 3.718        | 3.759      | VV       | 539            | 5303         | 0.02%          | 0.002%        |
| 9         | 3.776       | 3.759        | 3.796      | PV       | 157            | 1667         | 0.01%          | 0.001%        |
| 10        | 3.825       | 3.796        | 3.869      | VV       | 241            | 5983         | 0.03%          | 0.003%        |
| 11        | 3.911       | 3.888        | 3.934      | PV       | 565            | 9115         | 0.04%          | 0.004%        |
| 12        | 3.952       | 3.934        | 4.032      | VV       | 1954           | 25978        | 0.11%          | 0.012%        |
| 13        | 4.079       | 4.032        | 4.202      | VV       | 2656           | 51643        | 0.23%          | 0.024%        |
| 14        | 4.212       | 4.202        | 4.238      | VV       | 191            | 1515         | 0.01%          | 0.001%        |
| 15        | 4.255       | 4.238        | 4.288      | VV       | 174            | 2071         | 0.01%          | 0.001%        |
| 16        | 4.325       | 4.288        | 4.392      | PV       | 827            | 13093        | 0.06%          | 0.006%        |
| 17        | 4.402       | 4.392        | 4.438      | VV       | 178            | 2100         | 0.01%          | 0.001%        |
| 18        | 4.453       | 4.438        | 4.484      | VV       | 607            | 6971         | 0.03%          | 0.003%        |
| 19        | 4.518       | 4.484        | 4.572      | VV       | 630            | 15526        | 0.07%          | 0.007%        |
| 20        | 4.589       | 4.572        | 4.612      | VV       | 518            | 6183         | 0.03%          | 0.003%        |
| 21        | 4.650       | 4.612        | 4.668      | PV       | 401            | 7460         | 0.03%          | 0.003%        |
| 22        | 4.685       | 4.668        | 4.726      | VV       | 666            | 10959        | 0.05%          | 0.005%        |
| 23        | 4.771       | 4.726        | 4.812      | VV       | 361            | 9715         | 0.04%          | 0.004%        |
| 24        | 4.826       | 4.812        | 4.844      | VV       | 125            | 1058         | 0.00%          | 0.000%        |
| 25        | 4.886       | 4.867        | 4.919      | VV       | 558            | 7482         | 0.03%          | 0.003%        |
| 26        | 4.939       | 4.919        | 4.970      | VV       | 322            | 5060         | 0.02%          | 0.002%        |
| 27        | 4.989       | 4.970        | 5.005      | VV       | 639            | 5981         | 0.03%          | 0.003%        |
| 28        | 5.016       | 5.005        | 5.032      | VV       | 213            | 1913         | 0.01%          | 0.001%        |
| 29        | 5.046       | 5.032        | 5.061      | VV       | 729            | 7795         | 0.03%          | 0.004%        |
| 30        | 5.074       | 5.061        | 5.092      | VV       | 564            | 6903         | 0.03%          | 0.003%        |
| 31        | 5.107       | 5.092        | 5.138      | VV       | 473            | 7646         | 0.03%          | 0.003%        |
| 32        | 5.157       | 5.138        | 5.184      | VV       | 884            | 10951        | 0.05%          | 0.005%        |
| 33        | 5.225       | 5.184        | 5.264      | VV       | 471            | 10560        | 0.05%          | 0.005%        |
| 34        | 5.283       | 5.264        | 5.304      | VV       | 229            | 2222         | 0.01%          | 0.001%        |
| 35        | 5.358       | 5.321        | 5.381      | VV       | 940            | 17811        | 0.08%          | 0.008%        |
| 36        | 5.396       | 5.381        | 5.451      | VV       | 1014           | 16406        | 0.07%          | 0.007%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.461 | 5.451 | 5.476 | VV | 168    | 1550   | 0.01% | 0.001% |
| 38 | 5.516 | 5.476 | 5.536 | PV | 1036   | 13185  | 0.06% | 0.006% |
| 39 | 5.554 | 5.536 | 5.576 | VV | 573    | 8331   | 0.04% | 0.004% |
| 40 | 5.614 | 5.576 | 5.655 | VV | 1131   | 25653  | 0.11% | 0.012% |
| 41 | 5.668 | 5.655 | 5.687 | VV | 424    | 5167   | 0.02% | 0.002% |
| 42 | 5.706 | 5.687 | 5.732 | VV | 1321   | 15194  | 0.07% | 0.007% |
| 43 | 5.746 | 5.732 | 5.765 | VV | 365    | 5367   | 0.02% | 0.002% |
| 44 | 5.786 | 5.765 | 5.806 | VV | 625    | 8354   | 0.04% | 0.004% |
| 45 | 5.839 | 5.806 | 5.860 | PV | 702    | 12553  | 0.05% | 0.006% |
| 46 | 5.881 | 5.860 | 5.902 | VV | 2483   | 28036  | 0.12% | 0.013% |
| 47 | 5.939 | 5.902 | 5.996 | VV | 57278  | 603326 | 2.64% | 0.275% |
| 48 | 6.016 | 5.996 | 6.044 | VV | 1530   | 35457  | 0.16% | 0.016% |
| 49 | 6.057 | 6.044 | 6.082 | VV | 1275   | 21682  | 0.09% | 0.010% |
| 50 | 6.097 | 6.082 | 6.125 | VV | 1169   | 17354  | 0.08% | 0.008% |
| 51 | 6.150 | 6.125 | 6.178 | VV | 1256   | 24742  | 0.11% | 0.011% |
| 52 | 6.192 | 6.178 | 6.206 | VV | 606    | 7983   | 0.03% | 0.004% |
| 53 | 6.247 | 6.206 | 6.276 | VV | 2255   | 41227  | 0.18% | 0.019% |
| 54 | 6.289 | 6.276 | 6.301 | VV | 533    | 6788   | 0.03% | 0.003% |
| 55 | 6.327 | 6.301 | 6.382 | VV | 1273   | 30781  | 0.13% | 0.014% |
| 56 | 6.400 | 6.382 | 6.411 | VV | 701    | 7809   | 0.03% | 0.004% |
| 57 | 6.435 | 6.411 | 6.447 | VV | 893    | 15093  | 0.07% | 0.007% |
| 58 | 6.461 | 6.447 | 6.492 | VV | 1299   | 21986  | 0.10% | 0.010% |
| 59 | 6.508 | 6.492 | 6.525 | VV | 1421   | 15659  | 0.07% | 0.007% |
| 60 | 6.535 | 6.525 | 6.545 | PV | 273    | 2173   | 0.01% | 0.001% |
| 61 | 6.589 | 6.545 | 6.610 | VV | 2782   | 41102  | 0.18% | 0.019% |
| 62 | 6.650 | 6.610 | 6.678 | PV | 1290   | 24055  | 0.11% | 0.011% |
| 63 | 6.710 | 6.678 | 6.735 | PV | 7548   | 82375  | 0.36% | 0.038% |
| 64 | 6.749 | 6.735 | 6.761 | VV | 644    | 8121   | 0.04% | 0.004% |
| 65 | 6.783 | 6.761 | 6.799 | VV | 1762   | 24877  | 0.11% | 0.011% |
| 66 | 6.830 | 6.799 | 6.850 | VV | 2164   | 39414  | 0.17% | 0.018% |
| 67 | 6.871 | 6.850 | 6.900 | VV | 3304   | 42977  | 0.19% | 0.020% |
| 68 | 6.936 | 6.900 | 6.965 | VV | 6655   | 97331  | 0.43% | 0.044% |
| 69 | 6.977 | 6.965 | 6.992 | VV | 1188   | 11631  | 0.05% | 0.005% |
| 70 | 7.013 | 6.992 | 7.048 | PV | 3529   | 57766  | 0.25% | 0.026% |
| 71 | 7.067 | 7.048 | 7.094 | VV | 4793   | 63967  | 0.28% | 0.029% |
| 72 | 7.110 | 7.094 | 7.127 | VV | 1660   | 19466  | 0.09% | 0.009% |
| 73 | 7.142 | 7.127 | 7.159 | VV | 1177   | 14838  | 0.06% | 0.007% |
| 74 | 7.212 | 7.159 | 7.226 | VV | 8278   | 109281 | 0.48% | 0.050% |
| 75 | 7.235 | 7.226 | 7.257 | VV | 5398   | 63064  | 0.28% | 0.029% |
| 76 | 7.272 | 7.257 | 7.285 | VV | 2488   | 29120  | 0.13% | 0.013% |
| 77 | 7.303 | 7.285 | 7.344 | VV | 2207   | 50673  | 0.22% | 0.023% |
| 78 | 7.359 | 7.344 | 7.375 | VV | 493    | 6888   | 0.03% | 0.003% |
| 79 | 7.405 | 7.375 | 7.442 | VV | 5762   | 102979 | 0.45% | 0.047% |
| 80 | 7.460 | 7.442 | 7.481 | VV | 2895   | 33052  | 0.14% | 0.015% |
| 81 | 7.604 | 7.586 | 7.628 | VV | 3215   | 69124  | 0.30% | 0.032% |
| 82 | 7.660 | 7.628 | 7.679 | VV | 4899   | 89046  | 0.39% | 0.041% |
| 83 | 7.699 | 7.679 | 7.722 | VV | 2916   | 60844  | 0.27% | 0.028% |
| 84 | 7.749 | 7.722 | 7.769 | VV | 3185   | 60309  | 0.26% | 0.027% |
| 85 | 7.799 | 7.769 | 7.815 | VV | 3719   | 68454  | 0.30% | 0.031% |
| 86 | 7.833 | 7.815 | 7.846 | VV | 7836   | 93608  | 0.41% | 0.043% |
| 87 | 7.856 | 7.846 | 7.878 | VV | 6021   | 71160  | 0.31% | 0.032% |
| 88 | 7.923 | 7.878 | 7.957 | VV | 8282   | 175259 | 0.77% | 0.080% |
| 89 | 7.973 | 7.957 | 7.991 | VV | 2708   | 45203  | 0.20% | 0.021% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 8.028  | 7.991  | 8.065  | VV | 10356  | 296852 | 1.30% | 0.135% |
| 91  | 8.102  | 8.065  | 8.126  | VV | 12400  | 251744 | 1.10% | 0.115% |
| 92  | 8.141  | 8.126  | 8.157  | VV | 4013   | 62057  | 0.27% | 0.028% |
| 93  | 8.176  | 8.157  | 8.183  | VV | 4771   | 60712  | 0.27% | 0.028% |
| 94  | 8.204  | 8.183  | 8.230  | VV | 7913   | 137002 | 0.60% | 0.062% |
| 95  | 8.259  | 8.230  | 8.274  | VV | 5601   | 95342  | 0.42% | 0.043% |
| 96  | 8.289  | 8.274  | 8.303  | VV | 4890   | 67416  | 0.30% | 0.031% |
| 97  | 8.320  | 8.303  | 8.361  | VV | 7302   | 134922 | 0.59% | 0.062% |
| 98  | 8.467  | 8.443  | 8.481  | VV | 5664   | 119693 | 0.52% | 0.055% |
| 99  | 8.500  | 8.481  | 8.531  | VV | 10574  | 203368 | 0.89% | 0.093% |
| 100 | 8.550  | 8.531  | 8.581  | VV | 7447   | 165932 | 0.73% | 0.076% |
| 101 | 8.591  | 8.581  | 8.602  | VV | 4900   | 57505  | 0.25% | 0.026% |
| 102 | 8.635  | 8.602  | 8.661  | VV | 12212  | 227725 | 1.00% | 0.104% |
| 103 | 8.688  | 8.661  | 8.702  | VV | 5001   | 85172  | 0.37% | 0.039% |
| 104 | 8.713  | 8.702  | 8.722  | VV | 3679   | 39840  | 0.17% | 0.018% |
| 105 | 8.740  | 8.722  | 8.756  | VV | 6484   | 97177  | 0.43% | 0.044% |
| 106 | 8.775  | 8.756  | 8.798  | VV | 7468   | 129783 | 0.57% | 0.059% |
| 107 | 8.812  | 8.798  | 8.826  | VV | 3962   | 55432  | 0.24% | 0.025% |
| 108 | 8.860  | 8.826  | 8.878  | VV | 5213   | 132823 | 0.58% | 0.061% |
| 109 | 8.920  | 8.878  | 8.939  | VV | 25667  | 387691 | 1.70% | 0.177% |
| 110 | 8.948  | 8.939  | 8.986  | VV | 7853   | 134123 | 0.59% | 0.061% |
| 111 | 9.006  | 8.986  | 9.028  | VV | 5123   | 85988  | 0.38% | 0.039% |
| 112 | 9.063  | 9.028  | 9.082  | VV | 6984   | 121117 | 0.53% | 0.055% |
| 113 | 9.096  | 9.082  | 9.108  | VV | 4161   | 48259  | 0.21% | 0.022% |
| 114 | 9.117  | 9.108  | 9.130  | VV | 3633   | 40122  | 0.18% | 0.018% |
| 115 | 9.147  | 9.130  | 9.164  | VV | 4782   | 72334  | 0.32% | 0.033% |
| 116 | 9.200  | 9.164  | 9.232  | VV | 7151   | 163492 | 0.72% | 0.075% |
| 117 | 9.248  | 9.232  | 9.260  | VV | 4591   | 59369  | 0.26% | 0.027% |
| 118 | 9.283  | 9.260  | 9.325  | VV | 19296  | 357361 | 1.56% | 0.163% |
| 119 | 9.362  | 9.325  | 9.396  | VV | 8242   | 243583 | 1.07% | 0.111% |
| 120 | 9.426  | 9.396  | 9.445  | VV | 8613   | 163422 | 0.72% | 0.075% |
| 121 | 9.477  | 9.445  | 9.506  | VV | 6908   | 188716 | 0.83% | 0.086% |
| 122 | 9.521  | 9.506  | 9.534  | VV | 3232   | 45345  | 0.20% | 0.021% |
| 123 | 9.556  | 9.534  | 9.584  | VV | 2797   | 73754  | 0.32% | 0.034% |
| 124 | 9.605  | 9.584  | 9.617  | VV | 6009   | 83557  | 0.37% | 0.038% |
| 125 | 9.650  | 9.617  | 9.672  | VV | 7233   | 182085 | 0.80% | 0.083% |
| 126 | 9.695  | 9.672  | 9.743  | VV | 40804  | 542532 | 2.38% | 0.247% |
| 127 | 9.768  | 9.743  | 9.785  | VV | 3766   | 81483  | 0.36% | 0.037% |
| 128 | 9.797  | 9.785  | 9.836  | VV | 3835   | 70873  | 0.31% | 0.032% |
| 129 | 9.864  | 9.836  | 9.892  | VV | 3842   | 71945  | 0.31% | 0.033% |
| 130 | 9.905  | 9.892  | 9.915  | VV | 1578   | 18545  | 0.08% | 0.008% |
| 131 | 9.928  | 9.915  | 9.948  | VV | 1755   | 30907  | 0.14% | 0.014% |
| 132 | 9.965  | 9.948  | 9.985  | VV | 2539   | 41367  | 0.18% | 0.019% |
| 133 | 10.041 | 9.985  | 10.055 | VV | 5489   | 134123 | 0.59% | 0.061% |
| 134 | 10.081 | 10.055 | 10.108 | VV | 18826  | 302549 | 1.32% | 0.138% |
| 135 | 10.132 | 10.108 | 10.144 | VV | 7555   | 116858 | 0.51% | 0.053% |
| 136 | 10.164 | 10.144 | 10.185 | VV | 10068  | 175782 | 0.77% | 0.080% |
| 137 | 10.199 | 10.185 | 10.211 | VV | 6823   | 81458  | 0.36% | 0.037% |
| 138 | 10.225 | 10.211 | 10.250 | VV | 7397   | 97238  | 0.43% | 0.044% |
| 139 | 10.275 | 10.250 | 10.305 | VV | 5688   | 110418 | 0.48% | 0.050% |
| 140 | 10.332 | 10.305 | 10.348 | VV | 5278   | 103977 | 0.46% | 0.047% |
| 141 | 10.365 | 10.348 | 10.389 | VV | 5230   | 92134  | 0.40% | 0.042% |

| rteres |        |        |        |    |         |          |         |         |
|--------|--------|--------|--------|----|---------|----------|---------|---------|
| 142    | 10.431 | 10.389 | 10.459 | VV | 43776   | 595333   | 2.61%   | 0.271%  |
| 143    | 10.482 | 10.459 | 10.528 | VV | 24947   | 583439   | 2.55%   | 0.266%  |
| 144    | 10.547 | 10.528 | 10.593 | VV | 4013    | 106053   | 0.46%   | 0.048%  |
| 145    | 10.614 | 10.593 | 10.627 | VV | 2235    | 34749    | 0.15%   | 0.016%  |
| 146    | 10.676 | 10.627 | 10.725 | VV | 101232  | 1159733  | 5.08%   | 0.529%  |
| 147    | 10.751 | 10.725 | 10.790 | VV | 28405   | 405724   | 1.78%   | 0.185%  |
| 148    | 10.819 | 10.790 | 10.863 | VV | 7002    | 184779   | 0.81%   | 0.084%  |
| 149    | 10.885 | 10.863 | 10.917 | VV | 5138    | 90065    | 0.39%   | 0.041%  |
| 150    | 10.935 | 10.917 | 10.952 | VV | 4231    | 50162    | 0.22%   | 0.023%  |
| 151    | 10.974 | 10.952 | 11.012 | VV | 6355    | 110569   | 0.48%   | 0.050%  |
| 152    | 11.039 | 11.012 | 11.051 | VV | 2156    | 40073    | 0.18%   | 0.018%  |
| 153    | 11.071 | 11.051 | 11.094 | VV | 3190    | 62100    | 0.27%   | 0.028%  |
| 154    | 11.131 | 11.094 | 11.160 | VV | 41002   | 505083   | 2.21%   | 0.230%  |
| 155    | 11.219 | 11.160 | 11.252 | VV | 15899   | 379958   | 1.66%   | 0.173%  |
| 156    | 11.276 | 11.252 | 11.299 | VV | 2258    | 44653    | 0.20%   | 0.020%  |
| 157    | 11.327 | 11.299 | 11.349 | VV | 6711    | 84199    | 0.37%   | 0.038%  |
| 158    | 11.372 | 11.349 | 11.391 | VV | 2919    | 40811    | 0.18%   | 0.019%  |
| 159    | 11.446 | 11.391 | 11.468 | VV | 504377  | 5626974  | 24.64%  | 2.565%  |
| 160    | 11.478 | 11.468 | 11.493 | VV | 20616   | 216403   | 0.95%   | 0.099%  |
| 161    | 11.508 | 11.493 | 11.546 | VV | 22612   | 323969   | 1.42%   | 0.148%  |
| 162    | 11.590 | 11.546 | 11.608 | VV | 24683   | 389604   | 1.71%   | 0.178%  |
| 163    | 11.623 | 11.608 | 11.639 | VV | 14168   | 176134   | 0.77%   | 0.080%  |
| 164    | 11.656 | 11.639 | 11.668 | VV | 21131   | 237950   | 1.04%   | 0.108%  |
| 165    | 11.686 | 11.668 | 11.712 | VV | 68038   | 777308   | 3.40%   | 0.354%  |
| 166    | 11.724 | 11.712 | 11.750 | VV | 2827    | 49092    | 0.21%   | 0.022%  |
| 167    | 11.798 | 11.750 | 11.822 | VV | 34685   | 485733   | 2.13%   | 0.221%  |
| 168    | 11.856 | 11.822 | 11.889 | VV | 671148  | 7663019  | 33.55%  | 3.494%  |
| 169    | 11.899 | 11.889 | 11.924 | VV | 3690    | 51135    | 0.22%   | 0.023%  |
| 170    | 11.947 | 11.924 | 11.966 | VV | 7218    | 84433    | 0.37%   | 0.038%  |
| 171    | 11.979 | 11.966 | 11.988 | VV | 1868    | 17526    | 0.08%   | 0.008%  |
| 172    | 12.009 | 11.988 | 12.025 | VV | 3766    | 55401    | 0.24%   | 0.025%  |
| 173    | 12.062 | 12.025 | 12.113 | VV | 129778  | 1757716  | 7.70%   | 0.801%  |
| 174    | 12.128 | 12.113 | 12.139 | VV | 2540    | 33010    | 0.14%   | 0.015%  |
| 175    | 12.153 | 12.139 | 12.164 | VV | 3033    | 38725    | 0.17%   | 0.018%  |
| 176    | 12.178 | 12.164 | 12.187 | VV | 3116    | 36897    | 0.16%   | 0.017%  |
| 177    | 12.208 | 12.187 | 12.242 | VV | 4861    | 105216   | 0.46%   | 0.048%  |
| 178    | 12.264 | 12.242 | 12.298 | VV | 8557    | 159180   | 0.70%   | 0.073%  |
| 179    | 12.315 | 12.298 | 12.342 | VV | 9573    | 136271   | 0.60%   | 0.062%  |
| 180    | 12.374 | 12.342 | 12.394 | VV | 15996   | 220216   | 0.96%   | 0.100%  |
| 181    | 12.435 | 12.394 | 12.465 | VV | 35643   | 519651   | 2.28%   | 0.237%  |
| 182    | 12.489 | 12.465 | 12.545 | VV | 123219  | 1397025  | 6.12%   | 0.637%  |
| 183    | 12.557 | 12.545 | 12.568 | VV | 617     | 6456     | 0.03%   | 0.003%  |
| 184    | 12.586 | 12.568 | 12.602 | VV | 1449    | 15126    | 0.07%   | 0.007%  |
| 185    | 12.620 | 12.602 | 12.634 | PV | 1995    | 20893    | 0.09%   | 0.010%  |
| 186    | 12.649 | 12.634 | 12.658 | VV | 2536    | 24163    | 0.11%   | 0.011%  |
| 187    | 12.676 | 12.658 | 12.692 | VV | 6284    | 83664    | 0.37%   | 0.038%  |
| 188    | 12.704 | 12.692 | 12.715 | VV | 4045    | 48794    | 0.21%   | 0.022%  |
| 189    | 12.738 | 12.715 | 12.762 | VV | 7244    | 122703   | 0.54%   | 0.056%  |
| 190    | 12.786 | 12.762 | 12.825 | VV | 108546  | 1209626  | 5.30%   | 0.551%  |
| 191    | 12.878 | 12.825 | 12.907 | VV | 1140650 | 20281867 | 88.80%  | 9.247%  |
| 192    | 12.939 | 12.907 | 13.024 | VV | 1602826 | 22839672 | 100.00% | 10.413% |
| 193    | 13.103 | 13.024 | 13.120 | VV | 312450  | 5594532  | 24.49%  | 2.551%  |
| 194    | 13.135 | 13.120 | 13.176 | VV | 195903  | 2553307  | 11.18%  | 1.164%  |

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 195 | 13.188 | 13.176 | 13.229 | VV | 10239  | 197811  | 0.87% | 0.090% |
| 196 | 13.253 | 13.229 | 13.263 | VV | 10968  | 165235  | 0.72% | 0.075% |
| 197 | 13.282 | 13.263 | 13.308 | VV | 20953  | 307047  | 1.34% | 0.140% |
| 198 | 13.321 | 13.308 | 13.335 | VV | 4768   | 65030   | 0.28% | 0.030% |
| 199 | 13.389 | 13.335 | 13.418 | VV | 50661  | 888761  | 3.89% | 0.405% |
| 200 | 13.430 | 13.418 | 13.441 | VV | 3294   | 39802   | 0.17% | 0.018% |
| 201 | 13.490 | 13.441 | 13.513 | VV | 19092  | 366246  | 1.60% | 0.167% |
| 202 | 13.527 | 13.513 | 13.552 | VV | 13577  | 173084  | 0.76% | 0.079% |
| 203 | 13.567 | 13.552 | 13.591 | VV | 3933   | 57154   | 0.25% | 0.026% |
| 204 | 13.629 | 13.591 | 13.645 | VV | 22008  | 341627  | 1.50% | 0.156% |
| 205 | 13.655 | 13.645 | 13.675 | VV | 14473  | 192810  | 0.84% | 0.088% |
| 206 | 13.694 | 13.675 | 13.714 | VV | 14432  | 201498  | 0.88% | 0.092% |
| 207 | 13.739 | 13.714 | 13.779 | VV | 8269   | 161714  | 0.71% | 0.074% |
| 208 | 13.795 | 13.779 | 13.811 | VV | 1595   | 17889   | 0.08% | 0.008% |
| 209 | 13.849 | 13.811 | 13.860 | PV | 3369   | 60828   | 0.27% | 0.028% |
| 210 | 13.887 | 13.860 | 13.905 | VV | 41128  | 547451  | 2.40% | 0.250% |
| 211 | 13.925 | 13.905 | 13.955 | VV | 17495  | 359844  | 1.58% | 0.164% |
| 212 | 13.977 | 13.955 | 13.996 | VV | 6592   | 124007  | 0.54% | 0.057% |
| 213 | 14.033 | 13.996 | 14.051 | VV | 17518  | 303592  | 1.33% | 0.138% |
| 214 | 14.080 | 14.051 | 14.100 | VV | 38215  | 564470  | 2.47% | 0.257% |
| 215 | 14.110 | 14.100 | 14.143 | VV | 10907  | 177831  | 0.78% | 0.081% |
| 216 | 14.189 | 14.143 | 14.220 | VV | 21940  | 399012  | 1.75% | 0.182% |
| 217 | 14.246 | 14.220 | 14.269 | VV | 37780  | 510249  | 2.23% | 0.233% |
| 218 | 14.303 | 14.269 | 14.326 | VV | 11923  | 293094  | 1.28% | 0.134% |
| 219 | 14.349 | 14.326 | 14.374 | VV | 20899  | 298601  | 1.31% | 0.136% |
| 220 | 14.408 | 14.374 | 14.450 | VV | 5501   | 149834  | 0.66% | 0.068% |
| 221 | 14.469 | 14.450 | 14.489 | VV | 3409   | 52355   | 0.23% | 0.024% |
| 222 | 14.532 | 14.489 | 14.595 | VV | 4233   | 148281  | 0.65% | 0.068% |
| 223 | 14.615 | 14.595 | 14.624 | VV | 4026   | 45124   | 0.20% | 0.021% |
| 224 | 14.657 | 14.624 | 14.676 | VV | 43348  | 586161  | 2.57% | 0.267% |
| 225 | 14.699 | 14.676 | 14.762 | VV | 55257  | 1162752 | 5.09% | 0.530% |
| 226 | 14.818 | 14.762 | 14.843 | VV | 15011  | 274326  | 1.20% | 0.125% |
| 227 | 14.860 | 14.843 | 14.893 | VV | 5663   | 122768  | 0.54% | 0.056% |
| 228 | 14.902 | 14.893 | 14.935 | VV | 3028   | 48725   | 0.21% | 0.022% |
| 229 | 14.967 | 14.935 | 14.986 | PV | 5049   | 78456   | 0.34% | 0.036% |
| 230 | 15.034 | 14.986 | 15.052 | VV | 3482   | 107472  | 0.47% | 0.049% |
| 231 | 15.073 | 15.052 | 15.086 | VV | 4547   | 67342   | 0.29% | 0.031% |
| 232 | 15.111 | 15.086 | 15.182 | VV | 26041  | 459098  | 2.01% | 0.209% |
| 233 | 15.244 | 15.182 | 15.268 | PV | 12033  | 175467  | 0.77% | 0.080% |
| 234 | 15.303 | 15.268 | 15.316 | VV | 15720  | 220973  | 0.97% | 0.101% |
| 235 | 15.328 | 15.316 | 15.349 | VV | 15009  | 187655  | 0.82% | 0.086% |
| 236 | 15.367 | 15.349 | 15.393 | VV | 7807   | 106796  | 0.47% | 0.049% |
| 237 | 15.415 | 15.393 | 15.441 | VV | 4168   | 72661   | 0.32% | 0.033% |
| 238 | 15.490 | 15.441 | 15.528 | VV | 10631  | 287508  | 1.26% | 0.131% |
| 239 | 15.565 | 15.528 | 15.587 | VV | 4797   | 99024   | 0.43% | 0.045% |
| 240 | 15.625 | 15.587 | 15.637 | VV | 3788   | 79664   | 0.35% | 0.036% |
| 241 | 15.651 | 15.637 | 15.672 | VV | 4094   | 62216   | 0.27% | 0.028% |
| 242 | 15.744 | 15.672 | 15.784 | VV | 14100  | 307623  | 1.35% | 0.140% |
| 243 | 15.801 | 15.784 | 15.819 | VV | 4016   | 54705   | 0.24% | 0.025% |
| 244 | 15.835 | 15.819 | 15.849 | VV | 1657   | 24902   | 0.11% | 0.011% |
| 245 | 15.860 | 15.849 | 15.876 | VV | 1439   | 13511   | 0.06% | 0.006% |
| 246 | 15.918 | 15.876 | 15.933 | PV | 10003  | 160845  | 0.70% | 0.073% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 15.951 | 15.933 | 15.979 | VV | 11574  | 197226  | 0.86%  | 0.090% |
| 248 | 16.031 | 15.979 | 16.060 | VV | 4696   | 156807  | 0.69%  | 0.071% |
| 249 | 16.123 | 16.060 | 16.162 | VV | 11603  | 267475  | 1.17%  | 0.122% |
| 250 | 16.212 | 16.162 | 16.261 | VV | 54807  | 1061404 | 4.65%  | 0.484% |
| 251 | 16.287 | 16.261 | 16.318 | VV | 7452   | 155498  | 0.68%  | 0.071% |
| 252 | 16.341 | 16.318 | 16.366 | VV | 13006  | 209134  | 0.92%  | 0.095% |
| 253 | 16.379 | 16.366 | 16.403 | VV | 4903   | 87036   | 0.38%  | 0.040% |
| 254 | 16.432 | 16.403 | 16.448 | VV | 3958   | 87359   | 0.38%  | 0.040% |
| 255 | 16.463 | 16.448 | 16.474 | VV | 2847   | 39757   | 0.17%  | 0.018% |
| 256 | 16.531 | 16.474 | 16.555 | VV | 30733  | 566470  | 2.48%  | 0.258% |
| 257 | 16.588 | 16.555 | 16.630 | VV | 41317  | 585008  | 2.56%  | 0.267% |
| 258 | 16.690 | 16.630 | 16.719 | VV | 22454  | 415018  | 1.82%  | 0.189% |
| 259 | 16.738 | 16.719 | 16.755 | VV | 10592  | 163271  | 0.71%  | 0.074% |
| 260 | 16.765 | 16.755 | 16.803 | VV | 7606   | 111726  | 0.49%  | 0.051% |
| 261 | 16.847 | 16.803 | 16.885 | VV | 4660   | 132885  | 0.58%  | 0.061% |
| 262 | 16.953 | 16.885 | 16.981 | VV | 7322   | 300409  | 1.32%  | 0.137% |
| 263 | 16.993 | 16.981 | 17.022 | VV | 7080   | 135597  | 0.59%  | 0.062% |
| 264 | 17.061 | 17.022 | 17.109 | VV | 17709  | 517491  | 2.27%  | 0.236% |
| 265 | 17.139 | 17.109 | 17.158 | VV | 16516  | 298586  | 1.31%  | 0.136% |
| 266 | 17.171 | 17.158 | 17.186 | VV | 7953   | 120244  | 0.53%  | 0.055% |
| 267 | 17.201 | 17.186 | 17.221 | VV | 8733   | 149771  | 0.66%  | 0.068% |
| 268 | 17.246 | 17.221 | 17.270 | VV | 12982  | 268776  | 1.18%  | 0.123% |
| 269 | 17.304 | 17.270 | 17.325 | VV | 10374  | 259038  | 1.13%  | 0.118% |
| 270 | 17.367 | 17.325 | 17.380 | VV | 6682   | 217940  | 0.95%  | 0.099% |
| 271 | 17.398 | 17.380 | 17.411 | VV | 7964   | 125798  | 0.55%  | 0.057% |
| 272 | 17.422 | 17.411 | 17.445 | VV | 8200   | 148093  | 0.65%  | 0.068% |
| 273 | 17.470 | 17.445 | 17.490 | VV | 11626  | 265638  | 1.16%  | 0.121% |
| 274 | 17.572 | 17.490 | 17.599 | VV | 29068  | 1001453 | 4.38%  | 0.457% |
| 275 | 17.623 | 17.599 | 17.637 | VV | 11072  | 239624  | 1.05%  | 0.109% |
| 276 | 17.665 | 17.637 | 17.680 | VV | 15316  | 338640  | 1.48%  | 0.154% |
| 277 | 17.710 | 17.680 | 17.781 | VV | 30183  | 1111376 | 4.87%  | 0.507% |
| 278 | 17.814 | 17.781 | 17.837 | VV | 13477  | 391980  | 1.72%  | 0.179% |
| 279 | 17.864 | 17.837 | 17.902 | VV | 18304  | 605682  | 2.65%  | 0.276% |
| 280 | 17.956 | 17.902 | 17.977 | VV | 38024  | 1099429 | 4.81%  | 0.501% |
| 281 | 17.995 | 17.977 | 18.022 | VV | 32373  | 597274  | 2.62%  | 0.272% |
| 282 | 18.080 | 18.022 | 18.105 | VV | 32493  | 1002889 | 4.39%  | 0.457% |
| 283 | 18.117 | 18.105 | 18.178 | VV | 21901  | 809851  | 3.55%  | 0.369% |
| 284 | 18.211 | 18.178 | 18.239 | VV | 39647  | 897825  | 3.93%  | 0.409% |
| 285 | 18.300 | 18.239 | 18.312 | VV | 22507  | 889792  | 3.90%  | 0.406% |
| 286 | 18.345 | 18.312 | 18.359 | VV | 28418  | 680399  | 2.98%  | 0.310% |
| 287 | 18.400 | 18.359 | 18.432 | VV | 41284  | 1295087 | 5.67%  | 0.590% |
| 288 | 18.443 | 18.432 | 18.452 | VV | 26420  | 315252  | 1.38%  | 0.144% |
| 289 | 18.499 | 18.452 | 18.520 | VV | 44110  | 1329165 | 5.82%  | 0.606% |
| 290 | 18.546 | 18.520 | 18.604 | VV | 43307  | 1797238 | 7.87%  | 0.819% |
| 291 | 18.648 | 18.604 | 18.707 | VV | 34012  | 1978645 | 8.66%  | 0.902% |
| 292 | 18.761 | 18.707 | 18.778 | VV | 40333  | 1415907 | 6.20%  | 0.646% |
| 293 | 18.799 | 18.778 | 18.815 | VV | 45180  | 894519  | 3.92%  | 0.408% |
| 294 | 18.825 | 18.815 | 18.868 | VV | 38032  | 1062294 | 4.65%  | 0.484% |
| 295 | 18.898 | 18.868 | 18.951 | VV | 41300  | 1844272 | 8.07%  | 0.841% |
| 296 | 19.016 | 18.951 | 19.026 | VV | 41674  | 1728059 | 7.57%  | 0.788% |
| 297 | 19.076 | 19.026 | 19.134 | VV | 45137  | 2773583 | 12.14% | 1.264% |
| 298 | 19.184 | 19.134 | 19.269 | VV | 52261  | 3428346 | 15.01% | 1.563% |
| 299 | 19.298 | 19.269 | 19.334 | VV | 43370  | 1506128 | 6.59%  | 0.687% |

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    |        | rteres   |        |        |
| 300 | 19.367 | 19.334 | 19.386 | VV | 51858  | 1420306  | 6.22%  | 0.648% |
| 301 | 19.436 | 19.386 | 19.449 | VV | 60608  | 2046442  | 8.96%  | 0.933% |
| 302 | 19.470 | 19.449 | 19.494 | VV | 57772  | 1547182  | 6.77%  | 0.705% |
| 303 | 19.557 | 19.494 | 19.634 | VV | 62009  | 4599214  | 20.14% | 2.097% |
| 304 | 19.746 | 19.634 | 19.770 | VV | 77640  | 5103546  | 22.35% | 2.327% |
| 305 | 19.780 | 19.770 | 19.795 | VV | 70439  | 1015136  | 4.44%  | 0.463% |
| 306 | 19.817 | 19.795 | 19.858 | VV | 70005  | 2559235  | 11.21% | 1.167% |
| 307 | 19.868 | 19.858 | 19.888 | VV | 67838  | 1205016  | 5.28%  | 0.549% |
| 308 | 19.922 | 19.888 | 19.945 | VV | 76307  | 2413337  | 10.57% | 1.100% |
| 309 | 19.983 | 19.945 | 20.005 | VV | 76419  | 2608845  | 11.42% | 1.189% |
| 310 | 20.114 | 20.005 | 20.216 | VV | 91444  | 10318299 | 45.18% | 4.704% |
| 311 | 20.230 | 20.216 | 20.255 | VV | 75610  | 1714506  | 7.51%  | 0.782% |
| 312 | 20.276 | 20.255 | 20.342 | VV | 86488  | 4142056  | 18.14% | 1.888% |
| 313 | 20.396 | 20.342 | 20.405 | VV | 97768  | 3406484  | 14.91% | 1.553% |
| 314 | 20.428 | 20.405 | 20.554 | VV | 100229 | 7308586  | 32.00% | 3.332% |
| 315 | 20.633 | 20.554 | 20.648 | VV | 84197  | 4023845  | 17.62% | 1.835% |
| 316 | 20.684 | 20.648 | 20.704 | VV | 84499  | 2760770  | 12.09% | 1.259% |
| 317 | 20.725 | 20.704 | 20.887 | VV | 84053  | 7277042  | 31.86% | 3.318% |
| 318 | 21.017 | 20.887 | 21.159 | VV | 78173  | 9050015  | 39.62% | 4.126% |
| 319 | 21.222 | 21.159 | 21.234 | VV | 31985  | 1252854  | 5.49%  | 0.571% |
| 320 | 21.357 | 21.234 | 21.540 | VV | 48503  | 5792876  | 25.36% | 2.641% |

Sum of corrected areas: 219342280

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