

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE090722AL\  
 Data File : FE037447.D  
 Signal(s) : FID1B.ch  
 Acq On : 07 Sep 2022 19:44  
 Sample : N4514-01D  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 082922.M  
 Title : GC Extractables

Signal : FID1B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.045       | 3.004        | 3.127      | BV       | 208            | 5033         | 0.02%          | 0.002%        |
| 2         | 3.155       | 3.127        | 3.191      | PV       | 112            | 2571         | 0.01%          | 0.001%        |
| 3         | 3.209       | 3.191        | 3.260      | VV       | 178            | 3821         | 0.02%          | 0.002%        |
| 4         | 3.269       | 3.260        | 3.281      | VV       | 160            | 1545         | 0.01%          | 0.001%        |
| 5         | 3.305       | 3.281        | 3.323      | VV       | 156            | 2398         | 0.01%          | 0.001%        |
| 6         | 3.346       | 3.323        | 3.381      | VV       | 227            | 4500         | 0.02%          | 0.002%        |
| 7         | 3.399       | 3.381        | 3.419      | VV       | 119            | 2427         | 0.01%          | 0.001%        |
| 8         | 3.426       | 3.419        | 3.438      | VV       | 130            | 1234         | 0.01%          | 0.001%        |
| 9         | 3.481       | 3.438        | 3.525      | VV       | 241            | 6997         | 0.03%          | 0.003%        |
| 10        | 3.568       | 3.525        | 3.591      | VV       | 229            | 6228         | 0.03%          | 0.003%        |
| 11        | 3.616       | 3.591        | 3.632      | VV       | 228            | 3723         | 0.02%          | 0.002%        |
| 12        | 3.663       | 3.632        | 3.681      | VV       | 272            | 4435         | 0.02%          | 0.002%        |
| 13        | 3.691       | 3.681        | 3.708      | VV       | 93             | 1259         | 0.01%          | 0.001%        |
| 14        | 3.734       | 3.708        | 3.772      | VV       | 212            | 6066         | 0.03%          | 0.003%        |
| 15        | 3.802       | 3.772        | 3.816      | VV       | 207            | 3437         | 0.01%          | 0.001%        |
| 16        | 3.940       | 3.816        | 3.984      | VV       | 319            | 20314        | 0.09%          | 0.009%        |
| 17        | 4.001       | 3.984        | 4.014      | VV       | 162            | 2230         | 0.01%          | 0.001%        |
| 18        | 4.058       | 4.014        | 4.078      | VV       | 284            | 6775         | 0.03%          | 0.003%        |
| 19        | 4.092       | 4.078        | 4.128      | VV       | 251            | 4087         | 0.02%          | 0.002%        |
| 20        | 4.139       | 4.128        | 4.144      | PV       | 101            | 581          | 0.00%          | 0.000%        |
| 21        | 4.177       | 4.144        | 4.203      | VV       | 242            | 4355         | 0.02%          | 0.002%        |
| 22        | 4.233       | 4.203        | 4.276      | VV       | 181            | 5987         | 0.03%          | 0.003%        |
| 23        | 4.298       | 4.276        | 4.330      | VV       | 357            | 6950         | 0.03%          | 0.003%        |
| 24        | 4.352       | 4.330        | 4.403      | VV       | 277            | 7190         | 0.03%          | 0.003%        |
| 25        | 4.430       | 4.403        | 4.458      | PV       | 223            | 3817         | 0.02%          | 0.002%        |
| 26        | 4.466       | 4.458        | 4.484      | VV       | 206            | 2256         | 0.01%          | 0.001%        |
| 27        | 4.497       | 4.484        | 4.508      | VV       | 282            | 2848         | 0.01%          | 0.001%        |
| 28        | 4.518       | 4.508        | 4.553      | VV       | 240            | 3653         | 0.02%          | 0.002%        |
| 29        | 4.579       | 4.553        | 4.608      | VV       | 338            | 6915         | 0.03%          | 0.003%        |
| 30        | 4.628       | 4.608        | 4.641      | VV       | 334            | 5013         | 0.02%          | 0.002%        |
| 31        | 4.650       | 4.641        | 4.678      | VV       | 416            | 4980         | 0.02%          | 0.002%        |
| 32        | 4.692       | 4.678        | 4.705      | VV       | 297            | 3505         | 0.01%          | 0.001%        |
| 33        | 4.725       | 4.705        | 4.764      | VV       | 462            | 9883         | 0.04%          | 0.004%        |
| 34        | 4.796       | 4.764        | 4.840      | VV       | 1280           | 25001        | 0.10%          | 0.010%        |
| 35        | 4.883       | 4.840        | 4.928      | VV       | 294            | 10486        | 0.04%          | 0.004%        |
| 36        | 4.938       | 4.928        | 4.951      | VV       | 146            | 1772         | 0.01%          | 0.001%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 4.971 | 4.951 | 4.984 | VV | 332    | 4086   | 0.02% | 0.002% |
| 38 | 5.007 | 4.984 | 5.021 | VV | 330    | 5823   | 0.02% | 0.002% |
| 39 | 5.064 | 5.021 | 5.081 | VV | 905    | 18442  | 0.08% | 0.008% |
| 40 | 5.094 | 5.081 | 5.141 | VV | 563    | 14466  | 0.06% | 0.006% |
| 41 | 5.159 | 5.141 | 5.191 | VV | 123    | 3205   | 0.01% | 0.001% |
| 42 | 5.208 | 5.191 | 5.220 | VV | 492    | 6300   | 0.03% | 0.003% |
| 43 | 5.231 | 5.220 | 5.248 | VV | 525    | 6270   | 0.03% | 0.003% |
| 44 | 5.268 | 5.248 | 5.278 | VV | 672    | 8682   | 0.04% | 0.004% |
| 45 | 5.318 | 5.278 | 5.344 | VV | 944    | 30110  | 0.13% | 0.013% |
| 46 | 5.368 | 5.344 | 5.411 | VV | 689    | 17985  | 0.08% | 0.008% |
| 47 | 5.437 | 5.411 | 5.457 | PV | 4386   | 50939  | 0.21% | 0.021% |
| 48 | 5.470 | 5.457 | 5.534 | VV | 1293   | 26773  | 0.11% | 0.011% |
| 49 | 5.563 | 5.534 | 5.571 | VV | 277    | 4734   | 0.02% | 0.002% |
| 50 | 5.604 | 5.571 | 5.628 | VV | 2681   | 31664  | 0.13% | 0.013% |
| 51 | 5.690 | 5.628 | 5.711 | VV | 1064   | 27785  | 0.12% | 0.012% |
| 52 | 5.734 | 5.711 | 5.749 | PV | 2542   | 33136  | 0.14% | 0.014% |
| 53 | 5.756 | 5.749 | 5.775 | VV | 1697   | 17730  | 0.07% | 0.007% |
| 54 | 5.789 | 5.775 | 5.805 | VV | 1229   | 14605  | 0.06% | 0.006% |
| 55 | 5.829 | 5.805 | 5.893 | VV | 2570   | 61421  | 0.26% | 0.026% |
| 56 | 5.915 | 5.893 | 5.942 | VV | 1492   | 31878  | 0.13% | 0.013% |
| 57 | 5.966 | 5.942 | 6.008 | VV | 1498   | 39754  | 0.17% | 0.017% |
| 58 | 6.050 | 6.008 | 6.074 | VV | 2022   | 41214  | 0.17% | 0.017% |
| 59 | 6.100 | 6.074 | 6.125 | VV | 742    | 17393  | 0.07% | 0.007% |
| 60 | 6.158 | 6.125 | 6.174 | VV | 3015   | 57274  | 0.24% | 0.024% |
| 61 | 6.187 | 6.174 | 6.207 | VV | 2757   | 37332  | 0.16% | 0.016% |
| 62 | 6.236 | 6.207 | 6.251 | VV | 2160   | 36486  | 0.15% | 0.015% |
| 63 | 6.277 | 6.251 | 6.315 | VV | 1972   | 54869  | 0.23% | 0.023% |
| 64 | 6.340 | 6.315 | 6.355 | VV | 1398   | 24638  | 0.10% | 0.010% |
| 65 | 6.395 | 6.355 | 6.441 | VV | 3366   | 95954  | 0.40% | 0.040% |
| 66 | 6.474 | 6.441 | 6.521 | VV | 3196   | 66131  | 0.28% | 0.028% |
| 67 | 6.553 | 6.521 | 6.568 | PV | 1502   | 21795  | 0.09% | 0.009% |
| 68 | 6.586 | 6.568 | 6.599 | VV | 2378   | 29030  | 0.12% | 0.012% |
| 69 | 6.619 | 6.599 | 6.653 | VV | 3326   | 59742  | 0.25% | 0.025% |
| 70 | 6.669 | 6.653 | 6.686 | VV | 1578   | 20586  | 0.09% | 0.009% |
| 71 | 6.717 | 6.686 | 6.734 | VV | 2918   | 43466  | 0.18% | 0.018% |
| 72 | 6.753 | 6.734 | 6.773 | VV | 3766   | 46770  | 0.20% | 0.020% |
| 73 | 6.788 | 6.773 | 6.809 | VV | 1818   | 24614  | 0.10% | 0.010% |
| 74 | 6.823 | 6.809 | 6.835 | VV | 622    | 7354   | 0.03% | 0.003% |
| 75 | 6.873 | 6.835 | 6.900 | VV | 8652   | 132770 | 0.56% | 0.056% |
| 76 | 6.910 | 6.900 | 6.931 | VV | 2301   | 30607  | 0.13% | 0.013% |
| 77 | 6.953 | 6.931 | 6.968 | VV | 2891   | 38415  | 0.16% | 0.016% |
| 78 | 6.993 | 6.968 | 7.013 | VV | 3383   | 56448  | 0.24% | 0.024% |
| 79 | 7.036 | 7.013 | 7.065 | VV | 3791   | 67577  | 0.28% | 0.028% |
| 80 | 7.106 | 7.065 | 7.134 | VV | 6234   | 120464 | 0.50% | 0.051% |
| 81 | 7.145 | 7.134 | 7.154 | VV | 1792   | 19046  | 0.08% | 0.008% |
| 82 | 7.183 | 7.154 | 7.226 | VV | 4694   | 106916 | 0.45% | 0.045% |
| 83 | 7.248 | 7.226 | 7.292 | VV | 4541   | 96797  | 0.41% | 0.041% |
| 84 | 7.305 | 7.292 | 7.323 | VV | 1602   | 20100  | 0.08% | 0.008% |
| 85 | 7.344 | 7.323 | 7.356 | VV | 1919   | 25514  | 0.11% | 0.011% |
| 86 | 7.386 | 7.356 | 7.399 | VV | 10567  | 142777 | 0.60% | 0.060% |
| 87 | 7.407 | 7.399 | 7.430 | VV | 8560   | 104507 | 0.44% | 0.044% |
| 88 | 7.447 | 7.430 | 7.472 | VV | 3866   | 76002  | 0.32% | 0.032% |
| 89 | 7.487 | 7.472 | 7.526 | VV | 3039   | 61418  | 0.26% | 0.026% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 7.582  | 7.526  | 7.619  | VV | 6662   | 154595  | 0.65%  | 0.065% |
| 91  | 7.638  | 7.619  | 7.659  | VV | 3425   | 49786   | 0.21%  | 0.021% |
| 92  | 7.678  | 7.659  | 7.704  | VV | 2758   | 40399   | 0.17%  | 0.017% |
| 93  | 7.729  | 7.704  | 7.811  | VV | 490455 | 5595267 | 23.44% | 2.349% |
| 94  | 7.827  | 7.811  | 7.860  | VV | 6163   | 158206  | 0.66%  | 0.066% |
| 95  | 7.876  | 7.860  | 7.897  | VV | 5874   | 105465  | 0.44%  | 0.044% |
| 96  | 7.927  | 7.897  | 7.948  | VV | 4117   | 109439  | 0.46%  | 0.046% |
| 97  | 7.978  | 7.948  | 7.993  | VV | 4310   | 89946   | 0.38%  | 0.038% |
| 98  | 8.015  | 7.993  | 8.028  | VV | 9229   | 126209  | 0.53%  | 0.053% |
| 99  | 8.038  | 8.028  | 8.081  | VV | 7670   | 138314  | 0.58%  | 0.058% |
| 100 | 8.105  | 8.081  | 8.124  | VV | 7071   | 119301  | 0.50%  | 0.050% |
| 101 | 8.140  | 8.124  | 8.173  | VV | 4256   | 95341   | 0.40%  | 0.040% |
| 102 | 8.192  | 8.173  | 8.205  | VV | 5841   | 75709   | 0.32%  | 0.032% |
| 103 | 8.221  | 8.205  | 8.231  | VV | 6878   | 86925   | 0.36%  | 0.036% |
| 104 | 8.284  | 8.231  | 8.314  | VV | 14144  | 408589  | 1.71%  | 0.172% |
| 105 | 8.325  | 8.314  | 8.345  | VV | 5145   | 81294   | 0.34%  | 0.034% |
| 106 | 8.361  | 8.345  | 8.372  | VV | 4369   | 60610   | 0.25%  | 0.025% |
| 107 | 8.411  | 8.372  | 8.458  | VV | 6727   | 294524  | 1.23%  | 0.124% |
| 108 | 8.469  | 8.458  | 8.483  | VV | 6115   | 78704   | 0.33%  | 0.033% |
| 109 | 8.505  | 8.483  | 8.544  | VV | 9550   | 198004  | 0.83%  | 0.083% |
| 110 | 8.597  | 8.544  | 8.672  | VV | 272169 | 3674189 | 15.40% | 1.543% |
| 111 | 8.695  | 8.672  | 8.747  | VV | 22502  | 550448  | 2.31%  | 0.231% |
| 112 | 8.765  | 8.747  | 8.783  | VV | 8964   | 161029  | 0.67%  | 0.068% |
| 113 | 8.821  | 8.783  | 8.847  | VV | 13106  | 305412  | 1.28%  | 0.128% |
| 114 | 8.867  | 8.847  | 8.881  | VV | 5454   | 103752  | 0.43%  | 0.044% |
| 115 | 8.890  | 8.881  | 8.914  | VV | 5499   | 89664   | 0.38%  | 0.038% |
| 116 | 8.942  | 8.914  | 8.985  | VV | 7770   | 228304  | 0.96%  | 0.096% |
| 117 | 9.004  | 8.985  | 9.018  | VV | 5494   | 96050   | 0.40%  | 0.040% |
| 118 | 9.037  | 9.018  | 9.085  | VV | 8244   | 239265  | 1.00%  | 0.100% |
| 119 | 9.108  | 9.085  | 9.140  | VV | 26267  | 394864  | 1.65%  | 0.166% |
| 120 | 9.152  | 9.140  | 9.171  | VV | 5937   | 95021   | 0.40%  | 0.040% |
| 121 | 9.191  | 9.171  | 9.216  | VV | 5957   | 119284  | 0.50%  | 0.050% |
| 122 | 9.237  | 9.216  | 9.277  | VV | 4919   | 131533  | 0.55%  | 0.055% |
| 123 | 9.307  | 9.277  | 9.318  | VV | 5062   | 92760   | 0.39%  | 0.039% |
| 124 | 9.334  | 9.318  | 9.370  | VV | 5762   | 130149  | 0.55%  | 0.055% |
| 125 | 9.391  | 9.370  | 9.425  | VV | 5844   | 150916  | 0.63%  | 0.063% |
| 126 | 9.439  | 9.425  | 9.453  | VV | 4307   | 66517   | 0.28%  | 0.028% |
| 127 | 9.485  | 9.453  | 9.516  | VV | 10435  | 284011  | 1.19%  | 0.119% |
| 128 | 9.524  | 9.516  | 9.539  | VV | 6335   | 78989   | 0.33%  | 0.033% |
| 129 | 9.563  | 9.539  | 9.586  | VV | 9466   | 188641  | 0.79%  | 0.079% |
| 130 | 9.610  | 9.586  | 9.626  | VV | 7418   | 135296  | 0.57%  | 0.057% |
| 131 | 9.638  | 9.626  | 9.649  | VV | 6010   | 76053   | 0.32%  | 0.032% |
| 132 | 9.664  | 9.649  | 9.682  | VV | 7683   | 115201  | 0.48%  | 0.048% |
| 133 | 9.691  | 9.682  | 9.703  | VV | 4110   | 45937   | 0.19%  | 0.019% |
| 134 | 9.711  | 9.703  | 9.753  | VV | 3613   | 95060   | 0.40%  | 0.040% |
| 135 | 9.769  | 9.753  | 9.777  | VV | 2743   | 36622   | 0.15%  | 0.015% |
| 136 | 9.836  | 9.777  | 9.860  | VV | 8385   | 253502  | 1.06%  | 0.106% |
| 137 | 9.884  | 9.860  | 9.926  | VV | 38672  | 529286  | 2.22%  | 0.222% |
| 138 | 9.958  | 9.926  | 10.031 | VV | 4298   | 187848  | 0.79%  | 0.079% |
| 139 | 10.058 | 10.031 | 10.083 | VV | 3791   | 78989   | 0.33%  | 0.033% |
| 140 | 10.097 | 10.083 | 10.137 | VV | 2206   | 64074   | 0.27%  | 0.027% |
| 141 | 10.154 | 10.137 | 10.188 | VV | 2482   | 56304   | 0.24%  | 0.024% |

|     |        |        |        |    | rteres  |          |         |         |
|-----|--------|--------|--------|----|---------|----------|---------|---------|
| 142 | 10.227 | 10.188 | 10.241 | VV | 6057    | 110576   | 0.46%   | 0.046%  |
| 143 | 10.269 | 10.241 | 10.304 | VV | 18019   | 337440   | 1.41%   | 0.142%  |
| 144 | 10.324 | 10.304 | 10.339 | VV | 5379    | 92098    | 0.39%   | 0.039%  |
| 145 | 10.359 | 10.339 | 10.384 | VV | 7301    | 134997   | 0.57%   | 0.057%  |
| 146 | 10.413 | 10.384 | 10.444 | VV | 8730    | 160518   | 0.67%   | 0.067%  |
| 147 | 10.484 | 10.444 | 10.502 | VV | 2985    | 73149    | 0.31%   | 0.031%  |
| 148 | 10.549 | 10.502 | 10.575 | VV | 3840    | 139203   | 0.58%   | 0.058%  |
| 149 | 10.619 | 10.575 | 10.658 | VV | 44213   | 647386   | 2.71%   | 0.272%  |
| 150 | 10.690 | 10.658 | 10.788 | VV | 23275   | 529498   | 2.22%   | 0.222%  |
| 151 | 10.813 | 10.788 | 10.823 | VV | 2396    | 40588    | 0.17%   | 0.017%  |
| 152 | 10.833 | 10.823 | 10.854 | VV | 2465    | 41191    | 0.17%   | 0.017%  |
| 153 | 10.886 | 10.854 | 10.921 | VV | 49822   | 710412   | 2.98%   | 0.298%  |
| 154 | 10.937 | 10.921 | 10.948 | VV | 6898    | 100064   | 0.42%   | 0.042%  |
| 155 | 10.968 | 10.948 | 10.995 | VV | 17901   | 332419   | 1.39%   | 0.140%  |
| 156 | 11.004 | 10.995 | 11.051 | VV | 10137   | 202069   | 0.85%   | 0.085%  |
| 157 | 11.073 | 11.051 | 11.105 | VV | 5515    | 105823   | 0.44%   | 0.044%  |
| 158 | 11.124 | 11.105 | 11.160 | VV | 4500    | 70994    | 0.30%   | 0.030%  |
| 159 | 11.184 | 11.160 | 11.213 | VV | 1692    | 35704    | 0.15%   | 0.015%  |
| 160 | 11.279 | 11.213 | 11.292 | VV | 3419    | 97046    | 0.41%   | 0.041%  |
| 161 | 11.319 | 11.292 | 11.380 | VV | 44785   | 614373   | 2.57%   | 0.258%  |
| 162 | 11.410 | 11.380 | 11.457 | VV | 19549   | 321501   | 1.35%   | 0.135%  |
| 163 | 11.477 | 11.457 | 11.497 | VV | 1424    | 19051    | 0.08%   | 0.008%  |
| 164 | 11.519 | 11.497 | 11.534 | PV | 1422    | 17715    | 0.07%   | 0.007%  |
| 165 | 11.556 | 11.534 | 11.579 | VV | 1898    | 36159    | 0.15%   | 0.015%  |
| 166 | 11.645 | 11.579 | 11.675 | VV | 522372  | 5944762  | 24.91%  | 2.496%  |
| 167 | 11.691 | 11.675 | 11.703 | VV | 8800    | 125469   | 0.53%   | 0.053%  |
| 168 | 11.719 | 11.703 | 11.741 | VV | 11062   | 183642   | 0.77%   | 0.077%  |
| 169 | 11.751 | 11.741 | 11.772 | VV | 5183    | 66306    | 0.28%   | 0.028%  |
| 170 | 11.798 | 11.772 | 11.824 | VV | 29892   | 410419   | 1.72%   | 0.172%  |
| 171 | 11.836 | 11.824 | 11.851 | VV | 6016    | 80447    | 0.34%   | 0.034%  |
| 172 | 11.882 | 11.851 | 11.936 | VV | 11386   | 255934   | 1.07%   | 0.107%  |
| 173 | 11.987 | 11.936 | 12.013 | VV | 37578   | 537306   | 2.25%   | 0.226%  |
| 174 | 12.048 | 12.013 | 12.147 | VV | 326163  | 3771387  | 15.80%  | 1.583%  |
| 175 | 12.176 | 12.147 | 12.204 | PV | 2998    | 68397    | 0.29%   | 0.029%  |
| 176 | 12.220 | 12.204 | 12.239 | VV | 2461    | 34148    | 0.14%   | 0.014%  |
| 177 | 12.259 | 12.239 | 12.267 | VV | 2866    | 33632    | 0.14%   | 0.014%  |
| 178 | 12.288 | 12.267 | 12.314 | VV | 4928    | 93869    | 0.39%   | 0.039%  |
| 179 | 12.363 | 12.314 | 12.380 | VV | 5257    | 122132   | 0.51%   | 0.051%  |
| 180 | 12.394 | 12.380 | 12.424 | VV | 4318    | 69632    | 0.29%   | 0.029%  |
| 181 | 12.448 | 12.424 | 12.461 | VV | 3611    | 48310    | 0.20%   | 0.020%  |
| 182 | 12.478 | 12.461 | 12.491 | VV | 4132    | 56645    | 0.24%   | 0.024%  |
| 183 | 12.507 | 12.491 | 12.529 | VV | 3870    | 59842    | 0.25%   | 0.025%  |
| 184 | 12.581 | 12.529 | 12.598 | VV | 9870    | 174993   | 0.73%   | 0.073%  |
| 185 | 12.622 | 12.598 | 12.666 | VV | 37283   | 545614   | 2.29%   | 0.229%  |
| 186 | 12.697 | 12.666 | 12.756 | VV | 194260  | 2504703  | 10.49%  | 1.052%  |
| 187 | 12.763 | 12.756 | 12.782 | VV | 2054    | 21931    | 0.09%   | 0.009%  |
| 188 | 12.819 | 12.782 | 12.835 | PV | 2019    | 42500    | 0.18%   | 0.018%  |
| 189 | 12.887 | 12.835 | 12.905 | VV | 6284    | 135076   | 0.57%   | 0.057%  |
| 190 | 12.914 | 12.905 | 12.921 | VV | 3817    | 35837    | 0.15%   | 0.015%  |
| 191 | 12.938 | 12.921 | 12.964 | VV | 4910    | 81930    | 0.34%   | 0.034%  |
| 192 | 12.993 | 12.964 | 13.027 | PV | 144434  | 1853024  | 7.76%   | 0.778%  |
| 193 | 13.073 | 13.027 | 13.100 | VV | 1452664 | 23866039 | 100.00% | 10.020% |
| 194 | 13.124 | 13.100 | 13.204 | VV | 908311  | 12221319 | 51.21%  | 5.131%  |

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 195 | 13.234 | 13.204 | 13.260 | VV | 25453  | 344998  | 1.45% | 0.145% |
| 196 | 13.294 | 13.260 | 13.322 | VV | 171087 | 2238092 | 9.38% | 0.940% |
| 197 | 13.336 | 13.322 | 13.373 | VV | 10150  | 259303  | 1.09% | 0.109% |
| 198 | 13.388 | 13.373 | 13.399 | VV | 6932   | 94936   | 0.40% | 0.040% |
| 199 | 13.410 | 13.399 | 13.430 | VV | 6103   | 91957   | 0.39% | 0.039% |
| 200 | 13.464 | 13.430 | 13.489 | VV | 12249  | 248650  | 1.04% | 0.104% |
| 201 | 13.508 | 13.489 | 13.550 | VV | 4387   | 110740  | 0.46% | 0.046% |
| 202 | 13.592 | 13.550 | 13.635 | VV | 35701  | 643469  | 2.70% | 0.270% |
| 203 | 13.652 | 13.635 | 13.671 | VV | 4899   | 68910   | 0.29% | 0.029% |
| 204 | 13.698 | 13.671 | 13.717 | VV | 18338  | 264642  | 1.11% | 0.111% |
| 205 | 13.740 | 13.717 | 13.787 | VV | 11939  | 309246  | 1.30% | 0.130% |
| 206 | 13.815 | 13.787 | 13.847 | VV | 23818  | 434736  | 1.82% | 0.183% |
| 207 | 13.868 | 13.847 | 13.892 | VV | 16461  | 283150  | 1.19% | 0.119% |
| 208 | 13.938 | 13.892 | 13.989 | VV | 10691  | 333591  | 1.40% | 0.140% |
| 209 | 14.035 | 13.989 | 14.056 | PV | 5012   | 102114  | 0.43% | 0.043% |
| 210 | 14.081 | 14.056 | 14.096 | VV | 20658  | 280301  | 1.17% | 0.118% |
| 211 | 14.117 | 14.096 | 14.154 | VV | 16898  | 409122  | 1.71% | 0.172% |
| 212 | 14.174 | 14.154 | 14.193 | VV | 5308   | 88873   | 0.37% | 0.037% |
| 213 | 14.227 | 14.193 | 14.245 | VV | 9972   | 180595  | 0.76% | 0.076% |
| 214 | 14.274 | 14.245 | 14.295 | VV | 18431  | 303353  | 1.27% | 0.127% |
| 215 | 14.311 | 14.295 | 14.336 | VV | 9462   | 166428  | 0.70% | 0.070% |
| 216 | 14.375 | 14.336 | 14.404 | VV | 22780  | 417570  | 1.75% | 0.175% |
| 217 | 14.438 | 14.404 | 14.480 | VV | 26051  | 503913  | 2.11% | 0.212% |
| 218 | 14.508 | 14.480 | 14.537 | VV | 15474  | 295967  | 1.24% | 0.124% |
| 219 | 14.564 | 14.537 | 14.604 | VV | 21058  | 406484  | 1.70% | 0.171% |
| 220 | 14.622 | 14.604 | 14.660 | VV | 8851   | 181716  | 0.76% | 0.076% |
| 221 | 14.678 | 14.660 | 14.704 | VV | 5677   | 105633  | 0.44% | 0.044% |
| 222 | 14.723 | 14.704 | 14.739 | VV | 3835   | 59088   | 0.25% | 0.025% |
| 223 | 14.762 | 14.739 | 14.785 | VV | 6057   | 103946  | 0.44% | 0.044% |
| 224 | 14.813 | 14.785 | 14.824 | VV | 1932   | 39069   | 0.16% | 0.016% |
| 225 | 14.874 | 14.824 | 14.895 | VV | 71495  | 1017106 | 4.26% | 0.427% |
| 226 | 14.916 | 14.895 | 14.978 | VV | 79989  | 1385375 | 5.80% | 0.582% |
| 227 | 15.001 | 14.978 | 15.012 | VV | 5761   | 105717  | 0.44% | 0.044% |
| 228 | 15.035 | 15.012 | 15.058 | VV | 15414  | 251144  | 1.05% | 0.105% |
| 229 | 15.085 | 15.058 | 15.144 | VV | 5678   | 187147  | 0.78% | 0.079% |
| 230 | 15.191 | 15.144 | 15.205 | PV | 4594   | 82727   | 0.35% | 0.035% |
| 231 | 15.226 | 15.205 | 15.276 | VV | 6746   | 159993  | 0.67% | 0.067% |
| 232 | 15.334 | 15.276 | 15.370 | VV | 5961   | 124100  | 0.52% | 0.052% |
| 233 | 15.430 | 15.370 | 15.473 | VV | 17895  | 428332  | 1.79% | 0.180% |
| 234 | 15.495 | 15.473 | 15.526 | VV | 14748  | 206532  | 0.87% | 0.087% |
| 235 | 15.551 | 15.526 | 15.575 | PV | 15058  | 206737  | 0.87% | 0.087% |
| 236 | 15.590 | 15.575 | 15.619 | VV | 3750   | 71367   | 0.30% | 0.030% |
| 237 | 15.640 | 15.619 | 15.668 | VV | 4536   | 69488   | 0.29% | 0.029% |
| 238 | 15.692 | 15.668 | 15.758 | VV | 8731   | 270433  | 1.13% | 0.114% |
| 239 | 15.777 | 15.758 | 15.808 | VV | 3713   | 54496   | 0.23% | 0.023% |
| 240 | 15.840 | 15.808 | 15.851 | PV | 2609   | 44286   | 0.19% | 0.019% |
| 241 | 15.876 | 15.851 | 15.904 | VV | 3675   | 75233   | 0.32% | 0.032% |
| 242 | 15.931 | 15.904 | 15.953 | VV | 15812  | 226740  | 0.95% | 0.095% |
| 243 | 15.994 | 15.953 | 16.034 | VV | 7107   | 199876  | 0.84% | 0.084% |
| 244 | 16.052 | 16.034 | 16.075 | VV | 1777   | 22466   | 0.09% | 0.009% |
| 245 | 16.112 | 16.075 | 16.165 | PV | 6227   | 153499  | 0.64% | 0.064% |
| 246 | 16.246 | 16.165 | 16.270 | VV | 8779   | 343971  | 1.44% | 0.144% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 16.282 | 16.270 | 16.288 | VV | 2871  | 22157   | 0.09%  | 0.009% |
| 248    | 16.364 | 16.288 | 16.383 | VV | 4468  | 144594  | 0.61%  | 0.061% |
| 249    | 16.436 | 16.383 | 16.458 | PV | 82191 | 1414923 | 5.93%  | 0.594% |
| 250    | 16.467 | 16.458 | 16.511 | VV | 31663 | 542374  | 2.27%  | 0.228% |
| 251    | 16.573 | 16.511 | 16.593 | VV | 19067 | 414960  | 1.74%  | 0.174% |
| 252    | 16.609 | 16.593 | 16.655 | VV | 10285 | 233245  | 0.98%  | 0.098% |
| 253    | 16.664 | 16.655 | 16.680 | VV | 2932  | 37529   | 0.16%  | 0.016% |
| 254    | 16.710 | 16.680 | 16.734 | VV | 19453 | 382399  | 1.60%  | 0.161% |
| 255    | 16.758 | 16.734 | 16.798 | VV | 46561 | 787738  | 3.30%  | 0.331% |
| 256    | 16.820 | 16.798 | 16.855 | VV | 63357 | 1041991 | 4.37%  | 0.437% |
| 257    | 16.881 | 16.855 | 16.907 | VV | 28673 | 585518  | 2.45%  | 0.246% |
| 258    | 16.926 | 16.907 | 16.993 | VV | 28099 | 608239  | 2.55%  | 0.255% |
| 259    | 17.002 | 16.993 | 17.012 | VV | 4739  | 45646   | 0.19%  | 0.019% |
| 260    | 17.051 | 17.012 | 17.077 | VV | 10378 | 307448  | 1.29%  | 0.129% |
| 261    | 17.102 | 17.077 | 17.124 | VV | 10582 | 227919  | 0.95%  | 0.096% |
| 262    | 17.184 | 17.124 | 17.239 | VV | 16135 | 641037  | 2.69%  | 0.269% |
| 263    | 17.275 | 17.239 | 17.297 | VV | 11722 | 324873  | 1.36%  | 0.136% |
| 264    | 17.328 | 17.297 | 17.371 | VV | 22906 | 606342  | 2.54%  | 0.255% |
| 265    | 17.387 | 17.371 | 17.401 | VV | 11413 | 174291  | 0.73%  | 0.073% |
| 266    | 17.425 | 17.401 | 17.461 | VV | 17508 | 415804  | 1.74%  | 0.175% |
| 267    | 17.487 | 17.461 | 17.571 | VV | 17353 | 557541  | 2.34%  | 0.234% |
| 268    | 17.591 | 17.571 | 17.625 | VV | 7619  | 186898  | 0.78%  | 0.078% |
| 269    | 17.655 | 17.625 | 17.668 | VV | 9633  | 183976  | 0.77%  | 0.077% |
| 270    | 17.723 | 17.668 | 17.736 | VV | 13545 | 410965  | 1.72%  | 0.173% |
| 271    | 17.760 | 17.736 | 17.782 | VV | 31623 | 577342  | 2.42%  | 0.242% |
| 272    | 17.791 | 17.782 | 17.818 | VV | 15134 | 214653  | 0.90%  | 0.090% |
| 273    | 17.894 | 17.818 | 17.973 | VV | 48273 | 1619512 | 6.79%  | 0.680% |
| 274    | 17.990 | 17.973 | 18.011 | VV | 11324 | 226896  | 0.95%  | 0.095% |
| 275    | 18.112 | 18.011 | 18.160 | VV | 23878 | 1385185 | 5.80%  | 0.582% |
| 276    | 18.207 | 18.160 | 18.234 | VV | 51937 | 1517474 | 6.36%  | 0.637% |
| 277    | 18.257 | 18.234 | 18.321 | VV | 56302 | 1684933 | 7.06%  | 0.707% |
| 278    | 18.340 | 18.321 | 18.358 | VV | 26455 | 493367  | 2.07%  | 0.207% |
| 279    | 18.376 | 18.358 | 18.396 | VV | 23644 | 474830  | 1.99%  | 0.199% |
| 280    | 18.404 | 18.396 | 18.436 | VV | 20284 | 412580  | 1.73%  | 0.173% |
| 281    | 18.459 | 18.436 | 18.514 | VV | 48852 | 1279618 | 5.36%  | 0.537% |
| 282    | 18.595 | 18.514 | 18.648 | VV | 50519 | 2278015 | 9.55%  | 0.956% |
| 283    | 18.680 | 18.648 | 18.703 | VV | 44831 | 1063056 | 4.45%  | 0.446% |
| 284    | 18.727 | 18.703 | 18.771 | VV | 40185 | 1213179 | 5.08%  | 0.509% |
| 285    | 18.808 | 18.771 | 18.818 | VV | 22369 | 594592  | 2.49%  | 0.250% |
| 286    | 18.863 | 18.818 | 18.880 | VV | 29686 | 931717  | 3.90%  | 0.391% |
| 287    | 18.997 | 18.880 | 19.045 | VV | 51511 | 3397007 | 14.23% | 1.426% |
| 288    | 19.076 | 19.045 | 19.116 | VV | 42828 | 1433759 | 6.01%  | 0.602% |
| 289    | 19.164 | 19.116 | 19.187 | VV | 38678 | 1402098 | 5.87%  | 0.589% |
| 290    | 19.195 | 19.187 | 19.205 | VV | 36424 | 381735  | 1.60%  | 0.160% |
| 291    | 19.236 | 19.205 | 19.260 | VV | 41367 | 1232365 | 5.16%  | 0.517% |
| 292    | 19.271 | 19.260 | 19.338 | VV | 39762 | 1661072 | 6.96%  | 0.697% |
| 293    | 19.383 | 19.338 | 19.421 | VV | 62031 | 2368340 | 9.92%  | 0.994% |
| 294    | 19.484 | 19.421 | 19.521 | VV | 65330 | 3127838 | 13.11% | 1.313% |
| 295    | 19.530 | 19.521 | 19.544 | VV | 56068 | 761560  | 3.19%  | 0.320% |
| 296    | 19.560 | 19.544 | 19.598 | VV | 59137 | 1678295 | 7.03%  | 0.705% |
| 297    | 19.627 | 19.598 | 19.670 | VV | 56149 | 2197489 | 9.21%  | 0.923% |
| 298    | 19.711 | 19.670 | 19.726 | VV | 66649 | 1996889 | 8.37%  | 0.838% |
| 299    | 19.752 | 19.726 | 19.768 | VV | 83134 | 1889602 | 7.92%  | 0.793% |

|     |        |        |        |    |                         |         |           |        |
|-----|--------|--------|--------|----|-------------------------|---------|-----------|--------|
|     |        |        |        |    | rters                   |         |           |        |
| 300 | 19.782 | 19.768 | 19.861 | VV | 80881                   | 3967145 | 16.62%    | 1.666% |
| 301 | 19.872 | 19.861 | 19.894 | VV | 65336                   | 1299684 | 5.45%     | 0.546% |
| 302 | 19.900 | 19.894 | 19.918 | VV | 63579                   | 889203  | 3.73%     | 0.373% |
| 303 | 19.935 | 19.918 | 19.964 | VV | 60317                   | 1615645 | 6.77%     | 0.678% |
| 304 | 20.016 | 19.964 | 20.064 | VV | 95618                   | 4774099 | 20.00%    | 2.004% |
| 305 | 20.109 | 20.064 | 20.143 | VV | 96509                   | 3994425 | 16.74%    | 1.677% |
| 306 | 20.169 | 20.143 | 20.192 | VV | 81151                   | 2239003 | 9.38%     | 0.940% |
| 307 | 20.212 | 20.192 | 20.220 | VV | 80082                   | 1288587 | 5.40%     | 0.541% |
| 308 | 20.305 | 20.220 | 20.391 | VV | 105397                  | 9401211 | 39.39%    | 3.947% |
| 309 | 20.421 | 20.391 | 20.430 | VV | 82815                   | 1898511 | 7.95%     | 0.797% |
| 310 | 20.471 | 20.430 | 20.488 | VV | 114850                  | 3534984 | 14.81%    | 1.484% |
| 311 | 20.506 | 20.488 | 20.513 | VV | 121465                  | 1800128 | 7.54%     | 0.756% |
| 312 | 20.557 | 20.513 | 20.625 | VV | 125680                  | 7591249 | 31.81%    | 3.187% |
| 313 | 20.703 | 20.625 | 20.724 | VV | 116041                  | 6357253 | 26.64%    | 2.669% |
| 314 | 20.782 | 20.724 | 20.790 | VV | 128680                  | 4757798 | 19.94%    | 1.998% |
| 315 | 20.814 | 20.790 | 20.898 | VV | 141818                  | 6992375 | 29.30%    | 2.936% |
| 316 | 21.000 | 20.898 | 21.054 | VV | 103405                  | 8815982 | 36.94%    | 3.701% |
| 317 | 21.078 | 21.054 | 21.168 | VV | 97700                   | 5562896 | 23.31%    | 2.336% |
| 318 | 21.184 | 21.168 | 21.218 | VV | 74080                   | 2003400 | 8.39%     | 0.841% |
| 319 | 21.291 | 21.218 | 21.461 | VV | 87565                   | 9293822 | 38.94%    | 3.902% |
| 320 | 21.513 | 21.461 | 21.548 | VV | 50234                   | 2358463 | 9.88%     | 0.990% |
| 321 | 21.603 | 21.548 | 21.665 | VV | 64686                   | 3547163 | 14.86%    | 1.489% |
| 322 | 21.673 | 21.665 | 21.781 | VV | 41788                   | 1573551 | 6.59%     | 0.661% |
|     |        |        |        |    | Sum of corrected areas: |         | 238178217 |        |

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