

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG091824AL\  
 Data File : FG014267.D  
 Signal(s) : FID1A.ch  
 Acq On : 18 Sep 2024 21:17  
 Sample : P4087-29  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 091124.M  
 Title : GC Extractables

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 2.636       | 2.602        | 2.661      | BV       | 1001           | 18324        | 0.16%          | 0.009%        |
| 2         | 2.675       | 2.661        | 2.707      | VV       | 147            | 2637         | 0.02%          | 0.001%        |
| 3         | 2.742       | 2.707        | 2.818      | VV       | 1658           | 20298        | 0.18%          | 0.010%        |
| 4         | 2.840       | 2.818        | 2.875      | VV       | 493            | 7507         | 0.07%          | 0.004%        |
| 5         | 2.893       | 2.875        | 2.952      | VV       | 676            | 8161         | 0.07%          | 0.004%        |
| 6         | 2.972       | 2.952        | 2.994      | PV       | 149            | 2241         | 0.02%          | 0.001%        |
| 7         | 3.006       | 2.994        | 3.022      | VV       | 142            | 1417         | 0.01%          | 0.001%        |
| 8         | 3.033       | 3.022        | 3.049      | VV       | 92             | 1058         | 0.01%          | 0.001%        |
| 9         | 3.057       | 3.049        | 3.082      | VV       | 88             | 1240         | 0.01%          | 0.001%        |
| 10        | 3.117       | 3.082        | 3.146      | VV       | 155            | 2792         | 0.02%          | 0.001%        |
| 11        | 3.153       | 3.146        | 3.169      | VV       | 93             | 800          | 0.01%          | 0.000%        |
| 12        | 3.198       | 3.169        | 3.228      | VV       | 262            | 5728         | 0.05%          | 0.003%        |
| 13        | 3.238       | 3.228        | 3.285      | VV       | 175            | 2863         | 0.03%          | 0.001%        |
| 14        | 3.309       | 3.285        | 3.322      | VV       | 192            | 2762         | 0.02%          | 0.001%        |
| 15        | 3.335       | 3.322        | 3.352      | VV       | 178            | 2771         | 0.02%          | 0.001%        |
| 16        | 3.401       | 3.352        | 3.449      | VV       | 241            | 10093        | 0.09%          | 0.005%        |
| 17        | 3.506       | 3.449        | 3.545      | VV       | 386            | 11296        | 0.10%          | 0.006%        |
| 18        | 3.552       | 3.545        | 3.563      | VV       | 164            | 1597         | 0.01%          | 0.001%        |
| 19        | 3.588       | 3.563        | 3.618      | VV       | 211            | 5489         | 0.05%          | 0.003%        |
| 20        | 3.640       | 3.618        | 3.654      | VV       | 361            | 4870         | 0.04%          | 0.002%        |
| 21        | 3.675       | 3.654        | 3.711      | VV       | 2662           | 31538        | 0.28%          | 0.016%        |
| 22        | 3.725       | 3.711        | 3.753      | VV       | 277            | 4918         | 0.04%          | 0.003%        |
| 23        | 3.795       | 3.753        | 3.852      | VV       | 1402           | 25377        | 0.23%          | 0.013%        |
| 24        | 3.876       | 3.852        | 3.902      | VV       | 698            | 10200        | 0.09%          | 0.005%        |
| 25        | 3.907       | 3.902        | 3.939      | VV       | 220            | 4010         | 0.04%          | 0.002%        |
| 26        | 3.982       | 3.939        | 3.994      | VV       | 311            | 7223         | 0.06%          | 0.004%        |
| 27        | 4.017       | 3.994        | 4.093      | VV       | 331            | 12465        | 0.11%          | 0.006%        |
| 28        | 4.098       | 4.093        | 4.118      | VV       | 210            | 2278         | 0.02%          | 0.001%        |
| 29        | 4.165       | 4.118        | 4.230      | VV       | 483            | 20946        | 0.19%          | 0.011%        |
| 30        | 4.241       | 4.230        | 4.299      | VV       | 224            | 6821         | 0.06%          | 0.003%        |
| 31        | 4.336       | 4.299        | 4.369      | VV       | 210            | 6602         | 0.06%          | 0.003%        |
| 32        | 4.380       | 4.369        | 4.402      | VV       | 208            | 3197         | 0.03%          | 0.002%        |
| 33        | 4.446       | 4.402        | 4.463      | VV       | 441            | 8156         | 0.07%          | 0.004%        |
| 34        | 4.481       | 4.463        | 4.509      | VV       | 322            | 5198         | 0.05%          | 0.003%        |
| 35        | 4.522       | 4.509        | 4.536      | VV       | 318            | 3662         | 0.03%          | 0.002%        |
| 36        | 4.556       | 4.536        | 4.583      | VV       | 338            | 5627         | 0.05%          | 0.003%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 4.597 | 4.583 | 4.611 | VV | 213    | 2681  | 0.02% | 0.001% |
| 38 | 4.623 | 4.611 | 4.643 | VV | 301    | 4072  | 0.04% | 0.002% |
| 39 | 4.670 | 4.643 | 4.709 | VV | 355    | 8882  | 0.08% | 0.005% |
| 40 | 4.730 | 4.709 | 4.768 | VV | 412    | 7822  | 0.07% | 0.004% |
| 41 | 4.781 | 4.768 | 4.792 | VV | 136    | 1849  | 0.02% | 0.001% |
| 42 | 4.803 | 4.792 | 4.815 | VV | 174    | 2068  | 0.02% | 0.001% |
| 43 | 4.860 | 4.815 | 4.876 | VV | 270    | 7170  | 0.06% | 0.004% |
| 44 | 4.906 | 4.876 | 4.924 | VV | 245    | 6213  | 0.06% | 0.003% |
| 45 | 4.946 | 4.924 | 5.005 | VV | 857    | 14291 | 0.13% | 0.007% |
| 46 | 5.021 | 5.005 | 5.085 | VV | 153    | 5451  | 0.05% | 0.003% |
| 47 | 5.113 | 5.085 | 5.132 | VV | 278    | 5057  | 0.05% | 0.003% |
| 48 | 5.147 | 5.132 | 5.179 | VV | 718    | 10047 | 0.09% | 0.005% |
| 49 | 5.201 | 5.179 | 5.220 | VV | 844    | 11122 | 0.10% | 0.006% |
| 50 | 5.230 | 5.220 | 5.254 | VV | 354    | 4643  | 0.04% | 0.002% |
| 51 | 5.269 | 5.254 | 5.306 | VV | 172    | 4094  | 0.04% | 0.002% |
| 52 | 5.328 | 5.306 | 5.339 | VV | 190    | 2523  | 0.02% | 0.001% |
| 53 | 5.353 | 5.339 | 5.371 | VV | 226    | 2824  | 0.03% | 0.001% |
| 54 | 5.404 | 5.371 | 5.421 | VV | 232    | 5260  | 0.05% | 0.003% |
| 55 | 5.439 | 5.421 | 5.479 | VV | 267    | 7078  | 0.06% | 0.004% |
| 56 | 5.484 | 5.479 | 5.533 | VV | 85     | 2205  | 0.02% | 0.001% |
| 57 | 5.545 | 5.533 | 5.558 | VV | 100    | 908   | 0.01% | 0.000% |
| 58 | 5.585 | 5.558 | 5.614 | PV | 809    | 13040 | 0.12% | 0.007% |
| 59 | 5.626 | 5.614 | 5.644 | VV | 450    | 5621  | 0.05% | 0.003% |
| 60 | 5.666 | 5.644 | 5.732 | VV | 399    | 13506 | 0.12% | 0.007% |
| 61 | 5.776 | 5.732 | 5.821 | VV | 454    | 11632 | 0.10% | 0.006% |
| 62 | 5.839 | 5.821 | 5.849 | VV | 231    | 2637  | 0.02% | 0.001% |
| 63 | 5.871 | 5.849 | 5.915 | VV | 2044   | 27209 | 0.24% | 0.014% |
| 64 | 5.926 | 5.915 | 5.959 | VV | 349    | 4122  | 0.04% | 0.002% |
| 65 | 5.966 | 5.959 | 5.979 | VV | 105    | 1085  | 0.01% | 0.001% |
| 66 | 5.987 | 5.979 | 6.005 | VV | 99     | 966   | 0.01% | 0.000% |
| 67 | 6.015 | 6.005 | 6.039 | VV | 67     | 947   | 0.01% | 0.000% |
| 68 | 6.064 | 6.039 | 6.089 | VV | 218    | 3852  | 0.03% | 0.002% |
| 69 | 6.113 | 6.089 | 6.127 | VV | 175    | 2865  | 0.03% | 0.001% |
| 70 | 6.150 | 6.127 | 6.231 | VV | 5062   | 71346 | 0.64% | 0.037% |
| 71 | 6.252 | 6.231 | 6.271 | VV | 427    | 7085  | 0.06% | 0.004% |
| 72 | 6.292 | 6.271 | 6.317 | VV | 863    | 14613 | 0.13% | 0.007% |
| 73 | 6.336 | 6.317 | 6.362 | VV | 882    | 11404 | 0.10% | 0.006% |
| 74 | 6.380 | 6.362 | 6.396 | VV | 814    | 8695  | 0.08% | 0.004% |
| 75 | 6.405 | 6.396 | 6.415 | VV | 354    | 3414  | 0.03% | 0.002% |
| 76 | 6.429 | 6.415 | 6.459 | VV | 280    | 5433  | 0.05% | 0.003% |
| 77 | 6.469 | 6.459 | 6.485 | VV | 158    | 1821  | 0.02% | 0.001% |
| 78 | 6.529 | 6.485 | 6.557 | VV | 565    | 10665 | 0.10% | 0.005% |
| 79 | 6.569 | 6.557 | 6.582 | VV | 170    | 1762  | 0.02% | 0.001% |
| 80 | 6.618 | 6.582 | 6.664 | VV | 1006   | 16291 | 0.15% | 0.008% |
| 81 | 6.683 | 6.664 | 6.703 | VV | 257    | 3732  | 0.03% | 0.002% |
| 82 | 6.732 | 6.703 | 6.751 | VV | 963    | 14409 | 0.13% | 0.007% |
| 83 | 6.768 | 6.751 | 6.794 | VV | 629    | 9924  | 0.09% | 0.005% |
| 84 | 6.810 | 6.794 | 6.831 | VV | 362    | 4840  | 0.04% | 0.002% |
| 85 | 6.896 | 6.831 | 6.923 | PV | 1181   | 16362 | 0.15% | 0.008% |
| 86 | 6.940 | 6.923 | 6.957 | VV | 223    | 3062  | 0.03% | 0.002% |
| 87 | 7.016 | 6.957 | 7.037 | VV | 1327   | 19445 | 0.17% | 0.010% |
| 88 | 7.064 | 7.037 | 7.089 | VV | 305    | 5635  | 0.05% | 0.003% |
| 89 | 7.109 | 7.089 | 7.123 | VV | 160    | 2040  | 0.02% | 0.001% |

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 90  | 7.148  | 7.123  | 7.165  | VV | 814    | 12978   | 0.12% | 0.007% |
| 91  | 7.182  | 7.165  | 7.215  | VV | 1240   | 20821   | 0.19% | 0.011% |
| 92  | 7.245  | 7.215  | 7.314  | VV | 16991  | 224617  | 2.01% | 0.115% |
| 93  | 7.337  | 7.314  | 7.357  | VV | 1783   | 29500   | 0.26% | 0.015% |
| 94  | 7.381  | 7.357  | 7.482  | VV | 33251  | 398476  | 3.56% | 0.204% |
| 95  | 7.495  | 7.482  | 7.522  | VV | 476    | 9334    | 0.08% | 0.005% |
| 96  | 7.564  | 7.522  | 7.593  | VV | 1158   | 26344   | 0.24% | 0.014% |
| 97  | 7.618  | 7.593  | 7.629  | VV | 617    | 9339    | 0.08% | 0.005% |
| 98  | 7.644  | 7.629  | 7.675  | VV | 656    | 10282   | 0.09% | 0.005% |
| 99  | 7.686  | 7.675  | 7.698  | VV | 142    | 1231    | 0.01% | 0.001% |
| 100 | 7.736  | 7.698  | 7.769  | VV | 691    | 10002   | 0.09% | 0.005% |
| 101 | 7.788  | 7.769  | 7.807  | VV | 613    | 6424    | 0.06% | 0.003% |
| 102 | 7.987  | 7.965  | 8.072  | VV | 8853   | 276383  | 2.47% | 0.142% |
| 103 | 8.084  | 8.072  | 8.112  | VV | 2372   | 46106   | 0.41% | 0.024% |
| 104 | 8.146  | 8.112  | 8.180  | VV | 14496  | 240105  | 2.14% | 0.123% |
| 105 | 8.194  | 8.180  | 8.206  | VV | 3059   | 41159   | 0.37% | 0.021% |
| 106 | 8.256  | 8.206  | 8.305  | VV | 15088  | 369007  | 3.29% | 0.189% |
| 107 | 8.318  | 8.305  | 8.331  | VV | 1348   | 18211   | 0.16% | 0.009% |
| 108 | 8.361  | 8.331  | 8.378  | VV | 55850  | 633617  | 5.66% | 0.325% |
| 109 | 8.389  | 8.378  | 8.437  | VV | 28384  | 366042  | 3.27% | 0.188% |
| 110 | 8.447  | 8.437  | 8.491  | VV | 3032   | 59022   | 0.53% | 0.030% |
| 111 | 8.525  | 8.491  | 8.582  | VV | 20677  | 521256  | 4.65% | 0.267% |
| 112 | 8.597  | 8.582  | 8.614  | VV | 1480   | 22788   | 0.20% | 0.012% |
| 113 | 8.638  | 8.614  | 8.668  | VV | 17973  | 195884  | 1.75% | 0.100% |
| 114 | 8.688  | 8.668  | 8.709  | VV | 4649   | 56664   | 0.51% | 0.029% |
| 115 | 8.844  | 8.822  | 8.876  | VV | 90429  | 1020533 | 9.11% | 0.523% |
| 116 | 8.897  | 8.876  | 8.936  | VV | 13716  | 243816  | 2.18% | 0.125% |
| 117 | 8.965  | 8.936  | 8.999  | VV | 6712   | 155066  | 1.38% | 0.079% |
| 118 | 9.011  | 8.999  | 9.025  | VV | 3766   | 46170   | 0.41% | 0.024% |
| 119 | 9.039  | 9.025  | 9.059  | VV | 4247   | 53506   | 0.48% | 0.027% |
| 120 | 9.089  | 9.059  | 9.107  | VV | 37923  | 447801  | 4.00% | 0.230% |
| 121 | 9.122  | 9.107  | 9.146  | VV | 25552  | 311916  | 2.79% | 0.160% |
| 122 | 9.162  | 9.146  | 9.185  | VV | 11149  | 150270  | 1.34% | 0.077% |
| 123 | 9.215  | 9.185  | 9.242  | VV | 10348  | 178461  | 1.59% | 0.091% |
| 124 | 9.260  | 9.242  | 9.279  | VV | 19817  | 235065  | 2.10% | 0.121% |
| 125 | 9.301  | 9.279  | 9.353  | VV | 25001  | 359698  | 3.21% | 0.184% |
| 126 | 9.368  | 9.353  | 9.388  | VV | 796    | 14351   | 0.13% | 0.007% |
| 127 | 9.417  | 9.388  | 9.434  | VV | 25608  | 287682  | 2.57% | 0.147% |
| 128 | 9.449  | 9.434  | 9.484  | VV | 19232  | 225412  | 2.01% | 0.116% |
| 129 | 9.500  | 9.484  | 9.514  | VV | 2464   | 30032   | 0.27% | 0.015% |
| 130 | 9.553  | 9.514  | 9.578  | VV | 24608  | 362398  | 3.24% | 0.186% |
| 131 | 9.595  | 9.578  | 9.608  | VV | 4080   | 53130   | 0.47% | 0.027% |
| 132 | 9.635  | 9.608  | 9.691  | VV | 76984  | 1061642 | 9.48% | 0.544% |
| 133 | 9.715  | 9.691  | 9.732  | VV | 22564  | 268316  | 2.40% | 0.138% |
| 134 | 9.756  | 9.732  | 9.768  | VV | 22520  | 299863  | 2.68% | 0.154% |
| 135 | 9.786  | 9.768  | 9.809  | VV | 51764  | 673967  | 6.02% | 0.346% |
| 136 | 9.820  | 9.809  | 9.826  | VV | 8874   | 76534   | 0.68% | 0.039% |
| 137 | 9.846  | 9.826  | 9.894  | VV | 34478  | 526005  | 4.70% | 0.270% |
| 138 | 9.920  | 9.894  | 9.942  | VV | 42065  | 538260  | 4.81% | 0.276% |
| 139 | 9.961  | 9.942  | 9.999  | VV | 27373  | 485520  | 4.34% | 0.249% |
| 140 | 10.015 | 9.999  | 10.030 | VV | 11875  | 151117  | 1.35% | 0.077% |
| 141 | 10.060 | 10.030 | 10.106 | VV | 30257  | 623829  | 5.57% | 0.320% |

|     |        |        |        |    | rteres |          |         |        |
|-----|--------|--------|--------|----|--------|----------|---------|--------|
| 142 | 10.121 | 10.106 | 10.136 | VV | 8787   | 119755   | 1.07%   | 0.061% |
| 143 | 10.156 | 10.136 | 10.184 | VV | 9003   | 158231   | 1.41%   | 0.081% |
| 144 | 10.230 | 10.184 | 10.299 | VV | 10687  | 237483   | 2.12%   | 0.122% |
| 145 | 10.330 | 10.299 | 10.353 | PV | 2561   | 46789    | 0.42%   | 0.024% |
|     |        |        |        |    |        |          |         |        |
| 146 | 10.387 | 10.353 | 10.422 | VV | 13450  | 215468   | 1.92%   | 0.110% |
| 147 | 10.454 | 10.422 | 10.471 | VV | 5244   | 116696   | 1.04%   | 0.060% |
| 148 | 10.521 | 10.471 | 10.543 | VV | 44799  | 916583   | 8.18%   | 0.470% |
| 149 | 10.561 | 10.543 | 10.604 | VV | 35618  | 515305   | 4.60%   | 0.264% |
| 150 | 10.638 | 10.604 | 10.677 | VV | 33043  | 689566   | 6.16%   | 0.354% |
|     |        |        |        |    |        |          |         |        |
| 151 | 10.697 | 10.677 | 10.749 | VV | 35969  | 686274   | 6.13%   | 0.352% |
| 152 | 10.774 | 10.749 | 10.788 | VV | 14597  | 207124   | 1.85%   | 0.106% |
| 153 | 10.810 | 10.788 | 10.823 | VV | 29097  | 402313   | 3.59%   | 0.206% |
| 154 | 10.845 | 10.823 | 10.888 | VV | 53686  | 967242   | 8.64%   | 0.496% |
| 155 | 10.918 | 10.888 | 10.931 | VV | 12067  | 238187   | 2.13%   | 0.122% |
|     |        |        |        |    |        |          |         |        |
| 156 | 10.947 | 10.931 | 10.963 | VV | 15958  | 206621   | 1.84%   | 0.106% |
| 157 | 10.979 | 10.963 | 10.995 | VV | 10087  | 155280   | 1.39%   | 0.080% |
| 158 | 11.051 | 10.995 | 11.093 | VV | 952541 | 11199402 | 100.00% | 5.742% |
| 159 | 11.119 | 11.093 | 11.204 | VV | 232437 | 3003315  | 26.82%  | 1.540% |
| 160 | 11.223 | 11.204 | 11.245 | VV | 8723   | 165318   | 1.48%   | 0.085% |
|     |        |        |        |    |        |          |         |        |
| 161 | 11.258 | 11.245 | 11.275 | VV | 6283   | 87507    | 0.78%   | 0.045% |
| 162 | 11.297 | 11.275 | 11.317 | VV | 13502  | 220290   | 1.97%   | 0.113% |
| 163 | 11.340 | 11.317 | 11.376 | VV | 38895  | 686563   | 6.13%   | 0.352% |
| 164 | 11.403 | 11.376 | 11.421 | VV | 12351  | 258576   | 2.31%   | 0.133% |
| 165 | 11.440 | 11.421 | 11.465 | VV | 15931  | 290312   | 2.59%   | 0.149% |
|     |        |        |        |    |        |          |         |        |
| 166 | 11.476 | 11.465 | 11.494 | VV | 8731   | 127107   | 1.13%   | 0.065% |
| 167 | 11.512 | 11.494 | 11.521 | VV | 10278  | 139161   | 1.24%   | 0.071% |
| 168 | 11.569 | 11.521 | 11.611 | VV | 49622  | 1183777  | 10.57%  | 0.607% |
| 169 | 11.648 | 11.611 | 11.673 | VV | 20616  | 473069   | 4.22%   | 0.243% |
| 170 | 11.698 | 11.673 | 11.722 | VV | 35029  | 507122   | 4.53%   | 0.260% |
|     |        |        |        |    |        |          |         |        |
| 171 | 11.742 | 11.722 | 11.765 | VV | 23059  | 326766   | 2.92%   | 0.168% |
| 172 | 11.777 | 11.765 | 11.788 | VV | 7254   | 89380    | 0.80%   | 0.046% |
| 173 | 11.819 | 11.788 | 11.835 | VV | 273519 | 3164303  | 28.25%  | 1.622% |
| 174 | 11.850 | 11.835 | 11.865 | VV | 198320 | 2268348  | 20.25%  | 1.163% |
| 175 | 11.881 | 11.865 | 11.921 | VV | 238249 | 2830213  | 25.27%  | 1.451% |
|     |        |        |        |    |        |          |         |        |
| 176 | 11.962 | 11.921 | 11.980 | VV | 131637 | 2479382  | 22.14%  | 1.271% |
| 177 | 11.998 | 11.980 | 12.012 | VV | 147787 | 1737888  | 15.52%  | 0.891% |
| 178 | 12.030 | 12.012 | 12.069 | VV | 208743 | 2504500  | 22.36%  | 1.284% |
| 179 | 12.116 | 12.069 | 12.132 | VV | 10545  | 278604   | 2.49%   | 0.143% |
| 180 | 12.146 | 12.132 | 12.162 | VV | 9037   | 147200   | 1.31%   | 0.075% |
|     |        |        |        |    |        |          |         |        |
| 181 | 12.181 | 12.162 | 12.195 | VV | 15078  | 239756   | 2.14%   | 0.123% |
| 182 | 12.216 | 12.195 | 12.296 | VV | 57579  | 1283237  | 11.46%  | 0.658% |
| 183 | 12.321 | 12.296 | 12.364 | VV | 92358  | 1379859  | 12.32%  | 0.707% |
| 184 | 12.382 | 12.364 | 12.407 | VV | 21928  | 379365   | 3.39%   | 0.194% |
| 185 | 12.428 | 12.407 | 12.444 | VV | 17398  | 259626   | 2.32%   | 0.133% |
|     |        |        |        |    |        |          |         |        |
| 186 | 12.468 | 12.444 | 12.487 | VV | 30908  | 446706   | 3.99%   | 0.229% |
| 187 | 12.500 | 12.487 | 12.512 | VV | 11811  | 155770   | 1.39%   | 0.080% |
| 188 | 12.527 | 12.512 | 12.540 | VV | 12726  | 181876   | 1.62%   | 0.093% |
| 189 | 12.570 | 12.540 | 12.584 | VV | 34089  | 574716   | 5.13%   | 0.295% |
| 190 | 12.595 | 12.584 | 12.621 | VV | 29427  | 500930   | 4.47%   | 0.257% |
|     |        |        |        |    |        |          |         |        |
| 191 | 12.641 | 12.621 | 12.682 | VV | 53426  | 1018379  | 9.09%   | 0.522% |
| 192 | 12.711 | 12.682 | 12.730 | VV | 39489  | 722867   | 6.45%   | 0.371% |
| 193 | 12.752 | 12.730 | 12.772 | VV | 132577 | 1812935  | 16.19%  | 0.929% |
| 194 | 12.790 | 12.772 | 12.806 | VV | 58480  | 971326   | 8.67%   | 0.498% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 195    | 12.820 | 12.806 | 12.841 | VV | 54678  | 857598   | 7.66%  | 0.440% |
| 196    | 12.877 | 12.841 | 12.917 | VV | 860868 | 10976890 | 98.01% | 5.627% |
| 197    | 12.934 | 12.917 | 12.947 | VV | 10397  | 154997   | 1.38%  | 0.079% |
| 198    | 12.965 | 12.947 | 12.981 | VV | 16564  | 247908   | 2.21%  | 0.127% |
| 199    | 13.002 | 12.981 | 13.014 | VV | 24585  | 359758   | 3.21%  | 0.184% |
| 200    | 13.052 | 13.014 | 13.070 | VV | 48121  | 1097112  | 9.80%  | 0.562% |
| 201    | 13.087 | 13.070 | 13.124 | VV | 46023  | 893006   | 7.97%  | 0.458% |
| 202    | 13.175 | 13.124 | 13.201 | VV | 762094 | 9997844  | 89.27% | 5.126% |
| 203    | 13.222 | 13.201 | 13.238 | VV | 86589  | 1076578  | 9.61%  | 0.552% |
| 204    | 13.263 | 13.238 | 13.291 | VV | 247146 | 3473894  | 31.02% | 1.781% |
| 205    | 13.339 | 13.291 | 13.355 | VV | 41342  | 853996   | 7.63%  | 0.438% |
| 206    | 13.369 | 13.355 | 13.399 | VV | 31719  | 482556   | 4.31%  | 0.247% |
| 207    | 13.435 | 13.399 | 13.481 | VV | 49546  | 1022824  | 9.13%  | 0.524% |
| 208    | 13.501 | 13.481 | 13.538 | VV | 28472  | 547601   | 4.89%  | 0.281% |
| 209    | 13.564 | 13.538 | 13.579 | VV | 34745  | 478396   | 4.27%  | 0.245% |
| 210    | 13.590 | 13.579 | 13.602 | VV | 23981  | 307334   | 2.74%  | 0.158% |
| 211    | 13.627 | 13.602 | 13.652 | VV | 76820  | 1264762  | 11.29% | 0.648% |
| 212    | 13.666 | 13.652 | 13.697 | VV | 15160  | 335527   | 3.00%  | 0.172% |
| 213    | 13.758 | 13.697 | 13.799 | VV | 155275 | 3010136  | 26.88% | 1.543% |
| 214    | 13.825 | 13.799 | 13.841 | VV | 19263  | 344178   | 3.07%  | 0.176% |
| 215    | 13.866 | 13.841 | 13.885 | VV | 72575  | 1038430  | 9.27%  | 0.532% |
| 216    | 13.904 | 13.885 | 13.926 | VV | 103893 | 1315679  | 11.75% | 0.675% |
| 217    | 13.938 | 13.926 | 13.974 | VV | 23182  | 495230   | 4.42%  | 0.254% |
| 218    | 14.033 | 13.974 | 14.054 | VV | 96597  | 1973323  | 17.62% | 1.012% |
| 219    | 14.074 | 14.054 | 14.121 | VV | 85569  | 1321692  | 11.80% | 0.678% |
| 220    | 14.152 | 14.121 | 14.177 | VV | 25311  | 523600   | 4.68%  | 0.268% |
| 221    | 14.197 | 14.177 | 14.220 | VV | 12977  | 282764   | 2.52%  | 0.145% |
| 222    | 14.239 | 14.220 | 14.255 | VV | 12046  | 218941   | 1.95%  | 0.112% |
| 223    | 14.272 | 14.255 | 14.305 | VV | 10600  | 268799   | 2.40%  | 0.138% |
| 224    | 14.344 | 14.305 | 14.383 | VV | 12511  | 364505   | 3.25%  | 0.187% |
| 225    | 14.397 | 14.383 | 14.408 | VV | 7669   | 107103   | 0.96%  | 0.055% |
| 226    | 14.459 | 14.408 | 14.478 | VV | 32638  | 927503   | 8.28%  | 0.476% |
| 227    | 14.496 | 14.478 | 14.527 | VV | 64723  | 979051   | 8.74%  | 0.502% |
| 228    | 14.594 | 14.527 | 14.642 | VV | 30399  | 1132390  | 10.11% | 0.581% |
| 229    | 14.670 | 14.642 | 14.711 | VV | 63814  | 1323728  | 11.82% | 0.679% |
| 230    | 14.734 | 14.711 | 14.759 | VV | 118760 | 1696814  | 15.15% | 0.870% |
| 231    | 14.803 | 14.759 | 14.837 | VV | 60088  | 1441899  | 12.87% | 0.739% |
| 232    | 14.861 | 14.837 | 14.878 | VV | 17988  | 353620   | 3.16%  | 0.181% |
| 233    | 14.919 | 14.878 | 14.976 | VV | 25989  | 877921   | 7.84%  | 0.450% |
| 234    | 15.003 | 14.976 | 15.019 | VV | 23628  | 361698   | 3.23%  | 0.185% |
| 235    | 15.053 | 15.019 | 15.073 | VV | 362504 | 4916491  | 43.90% | 2.521% |
| 236    | 15.095 | 15.073 | 15.123 | VV | 363340 | 4580728  | 40.90% | 2.348% |
| 237    | 15.137 | 15.123 | 15.167 | VV | 16978  | 340512   | 3.04%  | 0.175% |
| 238    | 15.210 | 15.167 | 15.266 | VV | 76862  | 1585548  | 14.16% | 0.813% |
| 239    | 15.295 | 15.266 | 15.328 | VV | 23808  | 582176   | 5.20%  | 0.298% |
| 240    | 15.358 | 15.328 | 15.376 | VV | 34218  | 586832   | 5.24%  | 0.301% |
| 241    | 15.390 | 15.376 | 15.397 | VV | 25377  | 310487   | 2.77%  | 0.159% |
| 242    | 15.406 | 15.397 | 15.453 | VV | 26863  | 536977   | 4.79%  | 0.275% |
| 243    | 15.502 | 15.453 | 15.571 | VV | 37690  | 1249752  | 11.16% | 0.641% |
| 244    | 15.590 | 15.571 | 15.599 | VV | 10304  | 154252   | 1.38%  | 0.079% |
| 245    | 15.639 | 15.599 | 15.656 | VV | 18396  | 438433   | 3.91%  | 0.225% |
| 246    | 15.680 | 15.656 | 15.698 | VV | 25403  | 452510   | 4.04%  | 0.232% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 15.724 | 15.698 | 15.744 | VV | 104235 | 1459726 | 13.03% | 0.748% |
| 248    | 15.762 | 15.744 | 15.791 | VV | 49412  | 843464  | 7.53%  | 0.432% |
| 249    | 15.807 | 15.791 | 15.820 | VV | 26340  | 369875  | 3.30%  | 0.190% |
| 250    | 15.885 | 15.820 | 15.924 | VV | 51737  | 1832021 | 16.36% | 0.939% |
| 251    | 15.962 | 15.924 | 15.987 | VV | 23276  | 574734  | 5.13%  | 0.295% |
| 252    | 16.002 | 15.987 | 16.025 | VV | 12830  | 220235  | 1.97%  | 0.113% |
| 253    | 16.048 | 16.025 | 16.073 | VV | 22781  | 354427  | 3.16%  | 0.182% |
| 254    | 16.095 | 16.073 | 16.110 | VV | 16559  | 260944  | 2.33%  | 0.134% |
| 255    | 16.118 | 16.110 | 16.135 | VV | 12999  | 185356  | 1.66%  | 0.095% |
| 256    | 16.153 | 16.135 | 16.185 | VV | 16553  | 322820  | 2.88%  | 0.165% |
| 257    | 16.222 | 16.185 | 16.241 | VV | 8236   | 196721  | 1.76%  | 0.101% |
| 258    | 16.255 | 16.241 | 16.270 | VV | 7174   | 112236  | 1.00%  | 0.058% |
| 259    | 16.283 | 16.270 | 16.298 | VV | 6637   | 105955  | 0.95%  | 0.054% |
| 260    | 16.323 | 16.298 | 16.339 | VV | 16786  | 300369  | 2.68%  | 0.154% |
| 261    | 16.358 | 16.339 | 16.379 | VV | 15476  | 305450  | 2.73%  | 0.157% |
| 262    | 16.401 | 16.379 | 16.416 | VV | 20042  | 325929  | 2.91%  | 0.167% |
| 263    | 16.428 | 16.416 | 16.453 | VV | 16790  | 297547  | 2.66%  | 0.153% |
| 264    | 16.488 | 16.453 | 16.499 | VV | 11927  | 298761  | 2.67%  | 0.153% |
| 265    | 16.526 | 16.499 | 16.574 | VV | 26533  | 773846  | 6.91%  | 0.397% |
| 266    | 16.617 | 16.574 | 16.633 | VV | 288660 | 4386015 | 39.16% | 2.249% |
| 267    | 16.641 | 16.633 | 16.715 | VV | 142177 | 1727393 | 15.42% | 0.886% |
| 268    | 16.741 | 16.715 | 16.765 | VV | 60187  | 842182  | 7.52%  | 0.432% |
| 269    | 16.778 | 16.765 | 16.825 | VV | 14698  | 351076  | 3.13%  | 0.180% |
| 270    | 16.836 | 16.825 | 16.842 | VV | 6222   | 59654   | 0.53%  | 0.031% |
| 271    | 16.863 | 16.842 | 16.879 | VV | 13501  | 221086  | 1.97%  | 0.113% |
| 272    | 16.934 | 16.879 | 16.962 | VV | 170594 | 2807091 | 25.06% | 1.439% |
| 273    | 16.996 | 16.962 | 17.041 | VV | 255427 | 3555805 | 31.75% | 1.823% |
| 274    | 17.092 | 17.041 | 17.123 | VV | 68208  | 1094656 | 9.77%  | 0.561% |
| 275    | 17.147 | 17.123 | 17.182 | VV | 20001  | 434630  | 3.88%  | 0.223% |
| 276    | 17.236 | 17.182 | 17.278 | VV | 22996  | 870936  | 7.78%  | 0.447% |
| 277    | 17.296 | 17.278 | 17.315 | VV | 12830  | 207746  | 1.85%  | 0.107% |
| 278    | 17.360 | 17.315 | 17.428 | VV | 32656  | 1159222 | 10.35% | 0.594% |
| 279    | 17.491 | 17.428 | 17.506 | VV | 23128  | 614119  | 5.48%  | 0.315% |
| 280    | 17.517 | 17.506 | 17.540 | VV | 21198  | 328890  | 2.94%  | 0.169% |
| 281    | 17.578 | 17.540 | 17.596 | VV | 20476  | 504283  | 4.50%  | 0.259% |
| 282    | 17.606 | 17.596 | 17.626 | VV | 16056  | 236065  | 2.11%  | 0.121% |
| 283    | 17.650 | 17.626 | 17.676 | VV | 25491  | 521061  | 4.65%  | 0.267% |
| 284    | 17.689 | 17.676 | 17.730 | VV | 15307  | 331671  | 2.96%  | 0.170% |
| 285    | 17.755 | 17.730 | 17.785 | VV | 11211  | 295028  | 2.63%  | 0.151% |
| 286    | 17.801 | 17.785 | 17.819 | VV | 7958   | 126247  | 1.13%  | 0.065% |
| 287    | 17.836 | 17.819 | 17.854 | VV | 7209   | 121766  | 1.09%  | 0.062% |
| 288    | 17.863 | 17.854 | 17.882 | VV | 5136   | 78698   | 0.70%  | 0.040% |
| 289    | 17.951 | 17.882 | 17.968 | VV | 13061  | 447001  | 3.99%  | 0.229% |
| 290    | 17.987 | 17.968 | 18.013 | VV | 18740  | 335201  | 2.99%  | 0.172% |
| 291    | 18.084 | 18.013 | 18.112 | VV | 18202  | 718990  | 6.42%  | 0.369% |
| 292    | 18.144 | 18.112 | 18.187 | VV | 24326  | 700482  | 6.25%  | 0.359% |
| 293    | 18.216 | 18.187 | 18.245 | VV | 11043  | 339026  | 3.03%  | 0.174% |
| 294    | 18.272 | 18.245 | 18.327 | VV | 46984  | 1039248 | 9.28%  | 0.533% |
| 295    | 18.368 | 18.327 | 18.392 | VV | 146666 | 2273090 | 20.30% | 1.165% |
| 296    | 18.407 | 18.392 | 18.435 | VV | 35949  | 704133  | 6.29%  | 0.361% |
| 297    | 18.449 | 18.435 | 18.472 | VV | 20508  | 332801  | 2.97%  | 0.171% |
| 298    | 18.500 | 18.472 | 18.516 | VV | 44986  | 714578  | 6.38%  | 0.366% |
| 299    | 18.530 | 18.516 | 18.589 | VV | 35812  | 840733  | 7.51%  | 0.431% |

| rteres                  |        |        |        |    |           |         |        |        |
|-------------------------|--------|--------|--------|----|-----------|---------|--------|--------|
| 300                     | 18.621 | 18.589 | 18.675 | VV | 124799    | 2046141 | 18.27% | 1.049% |
| 301                     | 18.701 | 18.675 | 18.721 | VV | 15545     | 322718  | 2.88%  | 0.165% |
| 302                     | 18.753 | 18.721 | 18.795 | VV | 43853     | 863826  | 7.71%  | 0.443% |
| 303                     | 18.824 | 18.795 | 18.837 | VV | 8015      | 176657  | 1.58%  | 0.091% |
| 304                     | 18.855 | 18.837 | 18.895 | VV | 9761      | 249755  | 2.23%  | 0.128% |
| 305                     | 18.930 | 18.895 | 18.955 | VV | 11834     | 313475  | 2.80%  | 0.161% |
| 306                     | 18.966 | 18.955 | 18.993 | VV | 8662      | 178716  | 1.60%  | 0.092% |
| 307                     | 19.024 | 18.993 | 19.034 | VV | 10183     | 214225  | 1.91%  | 0.110% |
| 308                     | 19.057 | 19.034 | 19.078 | VV | 18882     | 347537  | 3.10%  | 0.178% |
| 309                     | 19.099 | 19.078 | 19.119 | VV | 11377     | 245538  | 2.19%  | 0.126% |
| 310                     | 19.137 | 19.119 | 19.163 | VV | 18327     | 314792  | 2.81%  | 0.161% |
| 311                     | 19.193 | 19.163 | 19.275 | VV | 16462     | 705760  | 6.30%  | 0.362% |
| 312                     | 19.309 | 19.275 | 19.363 | VV | 17065     | 545211  | 4.87%  | 0.280% |
| 313                     | 19.372 | 19.363 | 19.391 | VV | 5793      | 85419   | 0.76%  | 0.044% |
| 314                     | 19.476 | 19.391 | 19.532 | VV | 7434      | 499500  | 4.46%  | 0.256% |
| 315                     | 19.615 | 19.532 | 19.625 | VV | 8790      | 371312  | 3.32%  | 0.190% |
| 316                     | 19.642 | 19.625 | 19.672 | VV | 9553      | 227675  | 2.03%  | 0.117% |
| 317                     | 19.680 | 19.672 | 19.695 | VV | 6794      | 90105   | 0.80%  | 0.046% |
| 318                     | 19.718 | 19.695 | 19.729 | VV | 9570      | 174063  | 1.55%  | 0.089% |
| 319                     | 19.785 | 19.729 | 19.823 | VV | 50293     | 1304842 | 11.65% | 0.669% |
| 320                     | 19.853 | 19.823 | 19.889 | VV | 53483     | 1183880 | 10.57% | 0.607% |
| 321                     | 19.938 | 19.889 | 20.020 | VV | 22771     | 1223049 | 10.92% | 0.627% |
| 322                     | 20.072 | 20.020 | 20.116 | VV | 16254     | 544169  | 4.86%  | 0.279% |
| 323                     | 20.172 | 20.116 | 20.213 | VV | 53546     | 1468776 | 13.11% | 0.753% |
| 324                     | 20.239 | 20.213 | 20.269 | VV | 24051     | 618138  | 5.52%  | 0.317% |
| 325                     | 20.274 | 20.269 | 20.292 | VV | 17924     | 233815  | 2.09%  | 0.120% |
| 326                     | 20.306 | 20.292 | 20.389 | VV | 16061     | 734937  | 6.56%  | 0.377% |
| 327                     | 20.395 | 20.389 | 20.403 | VV | 9832      | 84630   | 0.76%  | 0.043% |
| 328                     | 20.447 | 20.403 | 20.484 | VV | 11829     | 520367  | 4.65%  | 0.267% |
| 329                     | 20.516 | 20.484 | 20.574 | VV | 10503     | 489569  | 4.37%  | 0.251% |
| 330                     | 20.599 | 20.574 | 20.624 | VV | 8945      | 250545  | 2.24%  | 0.128% |
| 331                     | 20.657 | 20.624 | 20.725 | VV | 10377     | 564679  | 5.04%  | 0.289% |
| 332                     | 20.744 | 20.725 | 20.791 | VV | 9448      | 324246  | 2.90%  | 0.166% |
| 333                     | 20.833 | 20.791 | 20.912 | VV | 10265     | 602986  | 5.38%  | 0.309% |
| 334                     | 20.939 | 20.912 | 20.975 | VV | 7836      | 274763  | 2.45%  | 0.141% |
| 335                     | 21.002 | 20.975 | 21.045 | VV | 7252      | 292813  | 2.61%  | 0.150% |
| 336                     | 21.052 | 21.045 | 21.125 | VV | 6953      | 300267  | 2.68%  | 0.154% |
| 337                     | 21.210 | 21.125 | 21.265 | VV | 10959     | 647077  | 5.78%  | 0.332% |
| 338                     | 21.286 | 21.265 | 21.341 | VV | 8389      | 288680  | 2.58%  | 0.148% |
| 339                     | 21.404 | 21.341 | 21.450 | VV | 7930      | 402699  | 3.60%  | 0.206% |
| 340                     | 21.493 | 21.450 | 21.526 | VV | 8299      | 309922  | 2.77%  | 0.159% |
| 341                     | 21.593 | 21.526 | 21.748 | VV | 13367     | 1093235 | 9.76%  | 0.560% |
| 342                     | 21.797 | 21.748 | 21.842 | VV | 4703      | 234568  | 2.09%  | 0.120% |
| 343                     | 21.900 | 21.842 | 21.923 | VV | 5357      | 212733  | 1.90%  | 0.109% |
| 344                     | 21.981 | 21.923 | 22.003 | VV | 6425      | 269278  | 2.40%  | 0.138% |
| 345                     | 22.012 | 22.003 | 22.079 | VV | 5891      | 204233  | 1.82%  | 0.105% |
| 346                     | 22.101 | 22.079 | 22.262 | VV | 3677      | 252284  | 2.25%  | 0.129% |
| 347                     | 22.268 | 22.262 | 22.289 | VV | 450       | 2939    | 0.03%  | 0.002% |
| Sum of corrected areas: |        |        |        |    | 195058044 |         |        |        |