

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD011421AL\  
 Data File : FD036044.D  
 Signal(s) : FID2B.CH  
 Acq On : 14 Jan 2021 19:12  
 Sample : M1122-03MSD  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 011121.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         | 3.319       | 3.255        | 3.430      | BV       | 477373         | 3928745      | 39.15%         | 1.735%        |
| 2         | 3.441       | 3.430        | 3.546      | VV       | 549            | 13069        | 0.13%          | 0.006%        |
| 3         | 3.554       | 3.546        | 3.570      | PV       | 187            | 2099         | 0.02%          | 0.001%        |
| 4         | 3.581       | 3.570        | 3.595      | VV       | 546            | 5011         | 0.05%          | 0.002%        |
| 5         | 3.605       | 3.595        | 3.678      | VV       | 1106           | 13813        | 0.14%          | 0.006%        |
| 6         | 3.687       | 3.678        | 3.795      | VV       | 357            | 6175         | 0.06%          | 0.003%        |
| 7         | 3.806       | 3.795        | 3.846      | PV       | 337            | 4735         | 0.05%          | 0.002%        |
| 8         | 3.857       | 3.846        | 3.880      | PV       | 357            | 2476         | 0.02%          | 0.001%        |
| 9         | 3.895       | 3.880        | 3.947      | VV       | 369            | 6788         | 0.07%          | 0.003%        |
| 10        | 3.966       | 3.947        | 4.117      | PV       | 4136           | 53760        | 0.54%          | 0.024%        |
| 11        | 4.146       | 4.117        | 4.349      | PV       | 3750           | 38554        | 0.38%          | 0.017%        |
| 12        | 4.384       | 4.349        | 4.403      | PV       | 515341         | 4476963      | 44.61%         | 1.977%        |
| 13        | 4.423       | 4.403        | 4.464      | VV       | 557171         | 4813681      | 47.97%         | 2.126%        |
| 14        | 4.479       | 4.464        | 4.508      | VV       | 1068           | 12112        | 0.12%          | 0.005%        |
| 15        | 4.529       | 4.508        | 4.567      | VV       | 777            | 9177         | 0.09%          | 0.004%        |
| 16        | 4.591       | 4.567        | 4.604      | VV       | 539            | 6499         | 0.06%          | 0.003%        |
| 17        | 4.613       | 4.604        | 4.625      | VV       | 398            | 3892         | 0.04%          | 0.002%        |
| 18        | 4.635       | 4.625        | 4.655      | VV       | 476            | 3723         | 0.04%          | 0.002%        |
| 19        | 4.664       | 4.655        | 4.701      | VV       | 324            | 2870         | 0.03%          | 0.001%        |
| 20        | 4.711       | 4.701        | 4.741      | PV       | 401            | 3631         | 0.04%          | 0.002%        |
| 21        | 4.757       | 4.741        | 4.781      | VV       | 416            | 5146         | 0.05%          | 0.002%        |
| 22        | 4.793       | 4.781        | 4.812      | VV       | 404            | 4389         | 0.04%          | 0.002%        |
| 23        | 4.831       | 4.812        | 4.841      | VV       | 397            | 4075         | 0.04%          | 0.002%        |
| 24        | 4.850       | 4.841        | 4.889      | VV       | 538            | 6097         | 0.06%          | 0.003%        |
| 25        | 4.907       | 4.889        | 4.957      | PV       | 262            | 5365         | 0.05%          | 0.002%        |
| 26        | 4.968       | 4.957        | 4.981      | VV       | 186            | 2366         | 0.02%          | 0.001%        |
| 27        | 5.018       | 4.981        | 5.049      | VV       | 531            | 11819        | 0.12%          | 0.005%        |
| 28        | 5.068       | 5.049        | 5.082      | VV       | 399            | 4495         | 0.04%          | 0.002%        |
| 29        | 5.096       | 5.082        | 5.136      | VV       | 726            | 11238        | 0.11%          | 0.005%        |
| 30        | 5.148       | 5.136        | 5.167      | VV       | 376            | 3187         | 0.03%          | 0.001%        |
| 31        | 5.184       | 5.167        | 5.218      | PV       | 170            | 3701         | 0.04%          | 0.002%        |
| 32        | 5.233       | 5.218        | 5.261      | VV       | 486            | 7088         | 0.07%          | 0.003%        |
| 33        | 5.289       | 5.261        | 5.323      | VV       | 564            | 13310        | 0.13%          | 0.006%        |
| 34        | 5.337       | 5.323        | 5.383      | VV       | 246            | 4379         | 0.04%          | 0.002%        |
| 35        | 5.414       | 5.383        | 5.432      | PV       | 4653           | 44900        | 0.45%          | 0.020%        |
| 36        | 5.442       | 5.432        | 5.570      | VV       | 853            | 22488        | 0.22%          | 0.010%        |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 37     | 5.598 | 5.570 | 5.641 | VV | 1147   | 14820   | 0.15%  | 0.007% |
| 38     | 5.662 | 5.641 | 5.677 | VV | 249    | 3927    | 0.04%  | 0.002% |
| 39     | 5.697 | 5.677 | 5.734 | VV | 753    | 14362   | 0.14%  | 0.006% |
| 40     | 5.748 | 5.734 | 5.770 | VV | 479    | 6007    | 0.06%  | 0.003% |
| 41     | 5.786 | 5.770 | 5.850 | VV | 457    | 13387   | 0.13%  | 0.006% |
| 42     | 5.868 | 5.850 | 5.894 | PV | 460    | 6347    | 0.06%  | 0.003% |
| 43     | 5.961 | 5.894 | 5.994 | VV | 615271 | 5554481 | 55.35% | 2.453% |
| 44     | 6.006 | 5.994 | 6.038 | VV | 1438   | 19675   | 0.20%  | 0.009% |
| 45     | 6.056 | 6.038 | 6.077 | VV | 808    | 11915   | 0.12%  | 0.005% |
| 46     | 6.114 | 6.077 | 6.163 | VV | 1502   | 34675   | 0.35%  | 0.015% |
| 47     | 6.178 | 6.163 | 6.191 | VV | 536    | 6449    | 0.06%  | 0.003% |
| 48     | 6.201 | 6.191 | 6.218 | VV | 502    | 6337    | 0.06%  | 0.003% |
| 49     | 6.232 | 6.218 | 6.251 | VV | 564    | 7893    | 0.08%  | 0.003% |
| 50     | 6.273 | 6.251 | 6.293 | VV | 439    | 5997    | 0.06%  | 0.003% |
| 51     | 6.321 | 6.293 | 6.341 | VV | 618    | 10768   | 0.11%  | 0.005% |
| 52     | 6.348 | 6.341 | 6.360 | VV | 400    | 3538    | 0.04%  | 0.002% |
| 53     | 6.395 | 6.360 | 6.465 | VV | 522833 | 5082308 | 50.65% | 2.244% |
| 54     | 6.487 | 6.465 | 6.525 | VV | 404    | 11084   | 0.11%  | 0.005% |
| 55     | 6.542 | 6.525 | 6.571 | VV | 1546   | 19399   | 0.19%  | 0.009% |
| 56     | 6.587 | 6.571 | 6.606 | VV | 678    | 9036    | 0.09%  | 0.004% |
| 57     | 6.615 | 6.606 | 6.626 | VV | 251    | 1500    | 0.01%  | 0.001% |
| 58     | 6.668 | 6.626 | 6.691 | VV | 665    | 9740    | 0.10%  | 0.004% |
| 59     | 6.712 | 6.691 | 6.743 | PV | 634    | 12096   | 0.12%  | 0.005% |
| 60     | 6.752 | 6.743 | 6.765 | VV | 288    | 2872    | 0.03%  | 0.001% |
| 61     | 6.791 | 6.765 | 6.824 | VV | 1005   | 13784   | 0.14%  | 0.006% |
| 62     | 6.858 | 6.824 | 6.876 | VV | 1547   | 19613   | 0.20%  | 0.009% |
| 63     | 6.889 | 6.876 | 6.897 | VV | 722    | 6980    | 0.07%  | 0.003% |
| 64     | 6.918 | 6.897 | 6.936 | VV | 3246   | 35211   | 0.35%  | 0.016% |
| 65     | 6.951 | 6.936 | 6.973 | VV | 1180   | 14101   | 0.14%  | 0.006% |
| 66     | 7.014 | 6.973 | 7.043 | VV | 616866 | 5860416 | 58.40% | 2.588% |
| 67     | 7.050 | 7.043 | 7.074 | VV | 1338   | 17327   | 0.17%  | 0.008% |
| 68     | 7.094 | 7.074 | 7.129 | VV | 2049   | 33719   | 0.34%  | 0.015% |
| 69     | 7.147 | 7.129 | 7.175 | VV | 2309   | 28462   | 0.28%  | 0.013% |
| 70     | 7.199 | 7.175 | 7.254 | VV | 1082   | 26296   | 0.26%  | 0.012% |
| 71     | 7.314 | 7.254 | 7.342 | VV | 3678   | 57206   | 0.57%  | 0.025% |
| 72     | 7.398 | 7.342 | 7.420 | VV | 679    | 19254   | 0.19%  | 0.009% |
| 73     | 7.444 | 7.420 | 7.465 | VV | 452    | 7353    | 0.07%  | 0.003% |
| 74     | 7.489 | 7.465 | 7.520 | VV | 1285   | 21846   | 0.22%  | 0.010% |
| 75     | 7.540 | 7.520 | 7.557 | VV | 532    | 5978    | 0.06%  | 0.003% |
| 76     | 7.625 | 7.557 | 7.701 | PV | 648935 | 6271694 | 62.50% | 2.770% |
| 77     | 7.736 | 7.701 | 7.755 | VV | 1317   | 27914   | 0.28%  | 0.012% |
| 78     | 7.765 | 7.755 | 7.780 | VV | 826    | 10199   | 0.10%  | 0.005% |
| 79     | 7.791 | 7.780 | 7.817 | VV | 814    | 11038   | 0.11%  | 0.005% |
| 80     | 7.834 | 7.817 | 7.855 | VV | 870    | 10508   | 0.10%  | 0.005% |
| 81     | 7.880 | 7.855 | 7.903 | VV | 1842   | 29278   | 0.29%  | 0.013% |
| 82     | 7.935 | 7.903 | 7.971 | VV | 1598   | 31577   | 0.31%  | 0.014% |
| 83     | 8.005 | 7.971 | 8.031 | VV | 2541   | 40606   | 0.40%  | 0.018% |
| 84     | 8.067 | 8.031 | 8.081 | VV | 716    | 16141   | 0.16%  | 0.007% |
| 85     | 8.108 | 8.081 | 8.123 | VV | 2139   | 33066   | 0.33%  | 0.015% |
| 86     | 8.149 | 8.123 | 8.158 | VV | 7384   | 89550   | 0.89%  | 0.040% |
| 87     | 8.186 | 8.158 | 8.217 | VV | 530245 | 5380870 | 53.62% | 2.376% |
| 88     | 8.242 | 8.217 | 8.259 | VV | 4300   | 50505   | 0.50%  | 0.022% |
| 89     | 8.292 | 8.259 | 8.328 | VV | 585214 | 5708469 | 56.89% | 2.521% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 90  | 8.343  | 8.328  | 8.362  | VV | 1968   | 25747   | 0.26%  | 0.011% |
| 91  | 8.373  | 8.362  | 8.389  | VV | 730    | 10054   | 0.10%  | 0.004% |
| 92  | 8.403  | 8.389  | 8.419  | VV | 771    | 10178   | 0.10%  | 0.004% |
| 93  | 8.429  | 8.419  | 8.445  | VV | 440    | 5391    | 0.05%  | 0.002% |
| 94  | 8.489  | 8.445  | 8.525  | VV | 433858 | 4238696 | 42.24% | 1.872% |
| 95  | 8.539  | 8.525  | 8.552  | VV | 1136   | 15412   | 0.15%  | 0.007% |
| 96  | 8.589  | 8.552  | 8.617  | VV | 603937 | 5908493 | 58.88% | 2.609% |
| 97  | 8.645  | 8.617  | 8.666  | VV | 4233   | 60882   | 0.61%  | 0.027% |
| 98  | 8.674  | 8.666  | 8.687  | VV | 967    | 11099   | 0.11%  | 0.005% |
| 99  | 8.717  | 8.687  | 8.755  | VV | 2789   | 47120   | 0.47%  | 0.021% |
| 100 | 8.770  | 8.755  | 8.788  | VV | 718    | 10097   | 0.10%  | 0.004% |
| 101 | 8.799  | 8.788  | 8.810  | VV | 692    | 7975    | 0.08%  | 0.004% |
| 102 | 8.824  | 8.810  | 8.839  | VV | 990    | 11890   | 0.12%  | 0.005% |
| 103 | 8.855  | 8.839  | 8.880  | VV | 1516   | 20337   | 0.20%  | 0.009% |
| 104 | 8.902  | 8.880  | 8.932  | VV | 750    | 17640   | 0.18%  | 0.008% |
| 105 | 8.945  | 8.932  | 8.959  | VV | 654    | 7994    | 0.08%  | 0.004% |
| 106 | 9.001  | 8.959  | 9.021  | VV | 3782   | 53751   | 0.54%  | 0.024% |
| 107 | 9.031  | 9.021  | 9.068  | VV | 1000   | 15143   | 0.15%  | 0.007% |
| 108 | 9.089  | 9.068  | 9.112  | VV | 424    | 5925    | 0.06%  | 0.003% |
| 109 | 9.145  | 9.112  | 9.168  | PV | 783    | 11250   | 0.11%  | 0.005% |
| 110 | 9.180  | 9.168  | 9.211  | VV | 453    | 8243    | 0.08%  | 0.004% |
| 111 | 9.233  | 9.211  | 9.251  | VV | 275    | 4721    | 0.05%  | 0.002% |
| 112 | 9.284  | 9.251  | 9.305  | VV | 803    | 12778   | 0.13%  | 0.006% |
| 113 | 9.323  | 9.305  | 9.333  | VV | 749    | 8818    | 0.09%  | 0.004% |
| 114 | 9.368  | 9.333  | 9.408  | VV | 580273 | 5892763 | 58.72% | 2.602% |
| 115 | 9.446  | 9.408  | 9.485  | VV | 1175   | 36064   | 0.36%  | 0.016% |
| 116 | 9.512  | 9.485  | 9.527  | VV | 848    | 15433   | 0.15%  | 0.007% |
| 117 | 9.576  | 9.527  | 9.631  | VV | 7634   | 114125  | 1.14%  | 0.050% |
| 118 | 9.646  | 9.631  | 9.663  | VV | 389    | 5474    | 0.05%  | 0.002% |
| 119 | 9.709  | 9.663  | 9.729  | VV | 1051   | 26309   | 0.26%  | 0.012% |
| 120 | 9.781  | 9.729  | 9.830  | VV | 501133 | 5409579 | 53.91% | 2.389% |
| 121 | 9.856  | 9.830  | 9.871  | VV | 731    | 11786   | 0.12%  | 0.005% |
| 122 | 9.880  | 9.871  | 9.915  | VV | 485    | 7229    | 0.07%  | 0.003% |
| 123 | 9.926  | 9.915  | 9.998  | VV | 324    | 8793    | 0.09%  | 0.004% |
| 124 | 10.015 | 9.998  | 10.030 | PV | 161    | 1970    | 0.02%  | 0.001% |
| 125 | 10.048 | 10.030 | 10.087 | VV | 726    | 8559    | 0.09%  | 0.004% |
| 126 | 10.117 | 10.087 | 10.138 | VV | 393    | 8263    | 0.08%  | 0.004% |
| 127 | 10.165 | 10.138 | 10.189 | VV | 1658   | 24790   | 0.25%  | 0.011% |
| 128 | 10.214 | 10.189 | 10.230 | VV | 970    | 15359   | 0.15%  | 0.007% |
| 129 | 10.244 | 10.230 | 10.267 | VV | 702    | 12045   | 0.12%  | 0.005% |
| 130 | 10.283 | 10.267 | 10.301 | VV | 583    | 9126    | 0.09%  | 0.004% |
| 131 | 10.310 | 10.301 | 10.337 | VV | 702    | 9554    | 0.10%  | 0.004% |
| 132 | 10.357 | 10.337 | 10.385 | VV | 516    | 8716    | 0.09%  | 0.004% |
| 133 | 10.408 | 10.385 | 10.435 | VV | 701    | 13604   | 0.14%  | 0.006% |
| 134 | 10.467 | 10.435 | 10.482 | VV | 1006   | 18410   | 0.18%  | 0.008% |
| 135 | 10.514 | 10.482 | 10.531 | VV | 3081   | 47775   | 0.48%  | 0.021% |
| 136 | 10.553 | 10.531 | 10.628 | VV | 10211  | 178508  | 1.78%  | 0.079% |
| 137 | 10.653 | 10.628 | 10.681 | VV | 1375   | 20180   | 0.20%  | 0.009% |
| 138 | 10.692 | 10.681 | 10.704 | VV | 205    | 2171    | 0.02%  | 0.001% |
| 139 | 10.767 | 10.704 | 10.805 | VV | 539166 | 5778015 | 57.58% | 2.552% |
| 140 | 10.842 | 10.805 | 10.873 | VV | 530638 | 5742464 | 57.22% | 2.536% |
| 141 | 10.914 | 10.873 | 10.951 | VV | 2224   | 66148   | 0.66%  | 0.029% |

|     |        |        |        |    | rteres |          |         |        |
|-----|--------|--------|--------|----|--------|----------|---------|--------|
| 142 | 10.967 | 10.951 | 11.004 | VV | 1682   | 27265    | 0.27%   | 0.012% |
| 143 | 11.045 | 11.004 | 11.063 | VV | 2811   | 48128    | 0.48%   | 0.021% |
| 144 | 11.077 | 11.063 | 11.101 | VV | 1551   | 20878    | 0.21%   | 0.009% |
| 145 | 11.146 | 11.101 | 11.158 | VV | 932    | 18463    | 0.18%   | 0.008% |
| 146 | 11.176 | 11.158 | 11.188 | VV | 1520   | 20651    | 0.21%   | 0.009% |
| 147 | 11.219 | 11.188 | 11.253 | VV | 486906 | 5529545  | 55.10%  | 2.442% |
| 148 | 11.272 | 11.253 | 11.291 | VV | 1068   | 20196    | 0.20%   | 0.009% |
| 149 | 11.306 | 11.291 | 11.339 | VV | 1096   | 20198    | 0.20%   | 0.009% |
| 150 | 11.355 | 11.339 | 11.381 | VV | 602    | 8547     | 0.09%   | 0.004% |
| 151 | 11.408 | 11.381 | 11.433 | VV | 715    | 8832     | 0.09%   | 0.004% |
| 152 | 11.468 | 11.433 | 11.484 | PV | 633    | 10871    | 0.11%   | 0.005% |
| 153 | 11.533 | 11.484 | 11.576 | VV | 444326 | 4749770  | 47.33%  | 2.098% |
| 154 | 11.591 | 11.576 | 11.607 | VV | 917    | 11526    | 0.11%   | 0.005% |
| 155 | 11.629 | 11.607 | 11.649 | VV | 2390   | 31460    | 0.31%   | 0.014% |
| 156 | 11.672 | 11.649 | 11.689 | VV | 1182   | 19183    | 0.19%   | 0.008% |
| 157 | 11.708 | 11.689 | 11.725 | VV | 1306   | 16059    | 0.16%   | 0.007% |
| 158 | 11.740 | 11.725 | 11.756 | VV | 913    | 11021    | 0.11%   | 0.005% |
| 159 | 11.772 | 11.756 | 11.792 | VV | 1206   | 14065    | 0.14%   | 0.006% |
| 160 | 11.805 | 11.792 | 11.833 | VV | 274    | 2943     | 0.03%   | 0.001% |
| 161 | 11.883 | 11.833 | 11.904 | VV | 2150   | 35008    | 0.35%   | 0.015% |
| 162 | 11.936 | 11.904 | 11.966 | VV | 102696 | 1160390  | 11.56%  | 0.512% |
| 163 | 11.974 | 11.966 | 12.014 | VV | 1101   | 14444    | 0.14%   | 0.006% |
| 164 | 12.035 | 12.014 | 12.072 | VV | 726    | 9607     | 0.10%   | 0.004% |
| 165 | 12.128 | 12.072 | 12.165 | PV | 39182  | 453773   | 4.52%   | 0.200% |
| 166 | 12.179 | 12.165 | 12.196 | VV | 1508   | 20508    | 0.20%   | 0.009% |
| 167 | 12.211 | 12.196 | 12.230 | VV | 1156   | 15506    | 0.15%   | 0.007% |
| 168 | 12.239 | 12.230 | 12.271 | VV | 536    | 10089    | 0.10%   | 0.004% |
| 169 | 12.297 | 12.271 | 12.315 | VV | 727    | 11331    | 0.11%   | 0.005% |
| 170 | 12.351 | 12.315 | 12.386 | VV | 3169   | 55172    | 0.55%   | 0.024% |
| 171 | 12.402 | 12.386 | 12.420 | VV | 705    | 8944     | 0.09%   | 0.004% |
| 172 | 12.460 | 12.420 | 12.485 | VV | 1580   | 24187    | 0.24%   | 0.011% |
| 173 | 12.526 | 12.485 | 12.550 | VV | 458284 | 5371518  | 53.53%  | 2.372% |
| 174 | 12.580 | 12.550 | 12.656 | VV | 494667 | 5474278  | 54.55%  | 2.418% |
| 175 | 12.677 | 12.656 | 12.688 | VV | 374    | 3623     | 0.04%   | 0.002% |
| 176 | 12.706 | 12.688 | 12.725 | VV | 400    | 4424     | 0.04%   | 0.002% |
| 177 | 12.759 | 12.725 | 12.802 | PV | 6419   | 77709    | 0.77%   | 0.034% |
| 178 | 12.818 | 12.802 | 12.836 | VV | 317    | 4373     | 0.04%   | 0.002% |
| 179 | 12.878 | 12.836 | 12.905 | VV | 473123 | 5323311  | 53.05%  | 2.351% |
| 180 | 12.960 | 12.905 | 12.990 | VV | 515255 | 10034917 | 100.00% | 4.432% |
| 181 | 13.008 | 12.990 | 13.031 | VV | 216145 | 2494569  | 24.86%  | 1.102% |
| 182 | 13.041 | 13.031 | 13.091 | VV | 17401  | 213613   | 2.13%   | 0.094% |
| 183 | 13.135 | 13.091 | 13.164 | VV | 440070 | 5434389  | 54.15%  | 2.400% |
| 184 | 13.186 | 13.164 | 13.259 | VV | 44744  | 602061   | 6.00%   | 0.266% |
| 185 | 13.267 | 13.259 | 13.284 | VV | 921    | 11274    | 0.11%   | 0.005% |
| 186 | 13.296 | 13.284 | 13.300 | VV | 723    | 6310     | 0.06%   | 0.003% |
| 187 | 13.319 | 13.300 | 13.331 | VV | 1516   | 20732    | 0.21%   | 0.009% |
| 188 | 13.354 | 13.331 | 13.422 | VV | 10659  | 153488   | 1.53%   | 0.068% |
| 189 | 13.475 | 13.422 | 13.495 | VV | 1901   | 46083    | 0.46%   | 0.020% |
| 190 | 13.510 | 13.495 | 13.541 | VV | 998    | 17120    | 0.17%   | 0.008% |
| 191 | 13.561 | 13.541 | 13.594 | VV | 1485   | 30407    | 0.30%   | 0.013% |
| 192 | 13.604 | 13.594 | 13.638 | VV | 770    | 15671    | 0.16%   | 0.007% |
| 193 | 13.663 | 13.638 | 13.680 | VV | 980    | 15636    | 0.16%   | 0.007% |
| 194 | 13.719 | 13.680 | 13.756 | VV | 422082 | 5184520  | 51.66%  | 2.290% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 13.767 | 13.756 | 13.792 | VV | 963    | 14912   | 0.15%  | 0.007% |
| 196 | 13.833 | 13.792 | 13.871 | VV | 753    | 18803   | 0.19%  | 0.008% |
| 197 | 13.928 | 13.871 | 13.968 | PV | 691    | 20791   | 0.21%  | 0.009% |
| 198 | 13.994 | 13.968 | 14.005 | VV | 1121   | 15488   | 0.15%  | 0.007% |
| 199 | 14.017 | 14.005 | 14.060 | VV | 1191   | 18117   | 0.18%  | 0.008% |
| 200 | 14.101 | 14.060 | 14.117 | VV | 1657   | 25550   | 0.25%  | 0.011% |
| 201 | 14.143 | 14.117 | 14.164 | VV | 11492  | 146931  | 1.46%  | 0.065% |
| 202 | 14.185 | 14.164 | 14.239 | VV | 3925   | 77837   | 0.78%  | 0.034% |
| 203 | 14.268 | 14.239 | 14.304 | PV | 3607   | 66869   | 0.67%  | 0.030% |
| 204 | 14.331 | 14.304 | 14.356 | VV | 4973   | 67921   | 0.68%  | 0.030% |
| 205 | 14.389 | 14.356 | 14.410 | VV | 1350   | 25889   | 0.26%  | 0.011% |
| 206 | 14.436 | 14.410 | 14.459 | VV | 1358   | 22371   | 0.22%  | 0.010% |
| 207 | 14.485 | 14.459 | 14.516 | VV | 1787   | 26208   | 0.26%  | 0.012% |
| 208 | 14.553 | 14.516 | 14.573 | VV | 342    | 6439    | 0.06%  | 0.003% |
| 209 | 14.607 | 14.573 | 14.628 | PV | 629    | 13322   | 0.13%  | 0.006% |
| 210 | 14.652 | 14.628 | 14.684 | VV | 840    | 17198   | 0.17%  | 0.008% |
| 211 | 14.696 | 14.684 | 14.708 | VV | 381    | 4799    | 0.05%  | 0.002% |
| 212 | 14.749 | 14.708 | 14.768 | VV | 363067 | 4745977 | 47.29% | 2.096% |
| 213 | 14.794 | 14.768 | 14.805 | VV | 445409 | 5271832 | 52.53% | 2.328% |
| 214 | 14.817 | 14.805 | 14.852 | VV | 391588 | 4541067 | 45.25% | 2.005% |
| 215 | 14.868 | 14.852 | 14.886 | VV | 1128   | 20725   | 0.21%  | 0.009% |
| 216 | 14.898 | 14.886 | 14.919 | VV | 912    | 14482   | 0.14%  | 0.006% |
| 217 | 14.972 | 14.919 | 15.018 | VV | 881    | 26592   | 0.26%  | 0.012% |
| 218 | 15.050 | 15.018 | 15.101 | VV | 439    | 14747   | 0.15%  | 0.007% |
| 219 | 15.117 | 15.101 | 15.145 | VV | 414    | 6372    | 0.06%  | 0.003% |
| 220 | 15.188 | 15.145 | 15.271 | VV | 23493  | 330492  | 3.29%  | 0.146% |
| 221 | 15.289 | 15.271 | 15.305 | PV | 244    | 2506    | 0.02%  | 0.001% |
| 222 | 15.332 | 15.305 | 15.364 | VV | 1994   | 32719   | 0.33%  | 0.014% |
| 223 | 15.395 | 15.364 | 15.431 | VV | 4018   | 80518   | 0.80%  | 0.036% |
| 224 | 15.445 | 15.431 | 15.482 | VV | 542    | 8770    | 0.09%  | 0.004% |
| 225 | 15.572 | 15.482 | 15.625 | PV | 810    | 35836   | 0.36%  | 0.016% |
| 226 | 15.651 | 15.625 | 15.672 | VV | 463    | 8799    | 0.09%  | 0.004% |
| 227 | 15.704 | 15.672 | 15.733 | VV | 1233   | 21492   | 0.21%  | 0.009% |
| 228 | 15.747 | 15.733 | 15.774 | VV | 441    | 8473    | 0.08%  | 0.004% |
| 229 | 15.836 | 15.774 | 15.874 | VV | 367004 | 4701749 | 46.85% | 2.076% |
| 230 | 15.894 | 15.874 | 15.933 | VV | 713    | 9423    | 0.09%  | 0.004% |
| 231 | 16.022 | 15.945 | 16.058 | PV | 599    | 17120   | 0.17%  | 0.008% |
| 232 | 16.074 | 16.058 | 16.098 | VV | 192    | 2485    | 0.02%  | 0.001% |
| 233 | 16.128 | 16.098 | 16.152 | PV | 1734   | 27279   | 0.27%  | 0.012% |
| 234 | 16.198 | 16.152 | 16.248 | VV | 3848   | 68016   | 0.68%  | 0.030% |
| 235 | 16.299 | 16.248 | 16.315 | PV | 330613 | 4691553 | 46.75% | 2.072% |
| 236 | 16.334 | 16.315 | 16.361 | VV | 392182 | 4423912 | 44.09% | 1.954% |
| 237 | 16.382 | 16.361 | 16.411 | VV | 1530   | 36591   | 0.36%  | 0.016% |
| 238 | 16.423 | 16.411 | 16.455 | VV | 893    | 15388   | 0.15%  | 0.007% |
| 239 | 16.475 | 16.455 | 16.493 | VV | 450    | 6655    | 0.07%  | 0.003% |
| 240 | 16.554 | 16.493 | 16.581 | PV | 1041   | 25860   | 0.26%  | 0.011% |
| 241 | 16.610 | 16.581 | 16.632 | VV | 1634   | 26852   | 0.27%  | 0.012% |
| 242 | 16.679 | 16.632 | 16.710 | VV | 356578 | 4531905 | 45.16% | 2.001% |
| 243 | 16.781 | 16.710 | 16.818 | VV | 345408 | 4569947 | 45.54% | 2.018% |
| 244 | 16.829 | 16.818 | 16.884 | VV | 1125   | 22755   | 0.23%  | 0.010% |
| 245 | 16.974 | 16.884 | 16.988 | PV | 388    | 6790    | 0.07%  | 0.003% |
| 246 | 17.027 | 16.988 | 17.052 | VV | 1104   | 24879   | 0.25%  | 0.011% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 17.094 | 17.052 | 17.107 | VV | 560    | 14697   | 0.15%  | 0.006% |
| 248 | 17.138 | 17.107 | 17.172 | VV | 1776   | 38198   | 0.38%  | 0.017% |
| 249 | 17.189 | 17.172 | 17.201 | VV | 1046   | 14389   | 0.14%  | 0.006% |
| 250 | 17.225 | 17.201 | 17.288 | VV | 3983   | 66228   | 0.66%  | 0.029% |
|     |        |        |        |    |        |         |        |        |
| 251 | 17.361 | 17.288 | 17.380 | VV | 1127   | 28087   | 0.28%  | 0.012% |
| 252 | 17.395 | 17.380 | 17.411 | VV | 274    | 3136    | 0.03%  | 0.001% |
| 253 | 17.461 | 17.411 | 17.485 | VV | 679    | 8321    | 0.08%  | 0.004% |
| 254 | 17.513 | 17.485 | 17.528 | PV | 383    | 6929    | 0.07%  | 0.003% |
| 255 | 17.554 | 17.528 | 17.591 | VV | 3665   | 62093   | 0.62%  | 0.027% |
|     |        |        |        |    |        |         |        |        |
| 256 | 17.666 | 17.591 | 17.703 | VV | 314042 | 4380954 | 43.66% | 1.935% |
| 257 | 17.752 | 17.703 | 17.770 | VV | 1313   | 30844   | 0.31%  | 0.014% |
| 258 | 17.805 | 17.770 | 17.875 | VV | 2266   | 75624   | 0.75%  | 0.033% |
| 259 | 17.889 | 17.875 | 17.919 | VV | 613    | 11139   | 0.11%  | 0.005% |
| 260 | 17.937 | 17.919 | 17.951 | PV | 591    | 7289    | 0.07%  | 0.003% |
|     |        |        |        |    |        |         |        |        |
| 261 | 18.043 | 17.951 | 18.059 | VV | 314208 | 4518754 | 45.03% | 1.996% |
| 262 | 18.083 | 18.059 | 18.121 | VV | 349644 | 4445240 | 44.30% | 1.963% |
| 263 | 18.174 | 18.121 | 18.194 | VV | 2267   | 53471   | 0.53%  | 0.024% |
| 264 | 18.210 | 18.194 | 18.245 | VV | 998    | 18432   | 0.18%  | 0.008% |
| 265 | 18.301 | 18.245 | 18.330 | VV | 324031 | 4450359 | 44.35% | 1.965% |
|     |        |        |        |    |        |         |        |        |
| 266 | 18.339 | 18.330 | 18.347 | VV | 1257   | 13229   | 0.13%  | 0.006% |
| 267 | 18.493 | 18.347 | 18.545 | VV | 309334 | 4426692 | 44.11% | 1.955% |
| 268 | 18.592 | 18.545 | 18.615 | VV | 4444   | 121009  | 1.21%  | 0.053% |
| 269 | 18.644 | 18.615 | 18.677 | VV | 2969   | 82237   | 0.82%  | 0.036% |
| 270 | 18.696 | 18.677 | 18.705 | VV | 1500   | 22350   | 0.22%  | 0.010% |
|     |        |        |        |    |        |         |        |        |
| 271 | 18.759 | 18.705 | 18.778 | VV | 2569   | 83754   | 0.83%  | 0.037% |
| 272 | 18.836 | 18.778 | 18.862 | VV | 10922  | 254280  | 2.53%  | 0.112% |
| 273 | 18.885 | 18.862 | 18.910 | VV | 8119   | 161502  | 1.61%  | 0.071% |
| 274 | 18.925 | 18.910 | 18.937 | VV | 4283   | 63447   | 0.63%  | 0.028% |
| 275 | 18.954 | 18.937 | 18.971 | VV | 5012   | 92822   | 0.92%  | 0.041% |
|     |        |        |        |    |        |         |        |        |
| 276 | 18.992 | 18.971 | 19.016 | VV | 4732   | 121398  | 1.21%  | 0.054% |
| 277 | 19.039 | 19.016 | 19.075 | VV | 5319   | 162746  | 1.62%  | 0.072% |
| 278 | 19.119 | 19.075 | 19.141 | VV | 5542   | 193294  | 1.93%  | 0.085% |
| 279 | 19.162 | 19.141 | 19.202 | VV | 6213   | 187653  | 1.87%  | 0.083% |
| 280 | 19.216 | 19.202 | 19.231 | VV | 4610   | 80105   | 0.80%  | 0.035% |
|     |        |        |        |    |        |         |        |        |
| 281 | 19.272 | 19.231 | 19.311 | VV | 296971 | 4355740 | 43.41% | 1.924% |
| 282 | 19.372 | 19.311 | 19.395 | VV | 6230   | 293520  | 2.92%  | 0.130% |
| 283 | 19.431 | 19.395 | 19.476 | VV | 5876   | 252880  | 2.52%  | 0.112% |
| 284 | 19.536 | 19.476 | 19.564 | VV | 6772   | 308195  | 3.07%  | 0.136% |
| 285 | 19.612 | 19.564 | 19.662 | VV | 17684  | 609847  | 6.08%  | 0.269% |
|     |        |        |        |    |        |         |        |        |
| 286 | 19.694 | 19.662 | 19.715 | VV | 9473   | 287340  | 2.86%  | 0.127% |
| 287 | 19.757 | 19.715 | 19.825 | VV | 11439  | 684553  | 6.82%  | 0.302% |
| 288 | 19.838 | 19.825 | 19.865 | VV | 9072   | 209390  | 2.09%  | 0.092% |
| 289 | 19.874 | 19.865 | 19.891 | VV | 8422   | 127714  | 1.27%  | 0.056% |
| 290 | 19.914 | 19.891 | 19.926 | VV | 9300   | 179801  | 1.79%  | 0.079% |
|     |        |        |        |    |        |         |        |        |
| 291 | 20.008 | 19.926 | 20.045 | VV | 295372 | 4630435 | 46.14% | 2.045% |
| 292 | 20.067 | 20.045 | 20.128 | VV | 12952  | 609541  | 6.07%  | 0.269% |
| 293 | 20.144 | 20.128 | 20.161 | VV | 12380  | 238699  | 2.38%  | 0.105% |
| 294 | 20.197 | 20.161 | 20.245 | VV | 13550  | 605426  | 6.03%  | 0.267% |
| 295 | 20.366 | 20.245 | 20.548 | VV | 18179  | 2530741 | 25.22% | 1.118% |
|     |        |        |        |    |        |         |        |        |
| 296 | 20.635 | 20.548 | 20.678 | VV | 14049  | 996610  | 9.93%  | 0.440% |
| 297 | 20.725 | 20.678 | 20.803 | VV | 235424 | 4496988 | 44.81% | 1.986% |
| 298 | 20.893 | 20.803 | 20.915 | VV | 10808  | 693785  | 6.91%  | 0.306% |
| 299 | 20.937 | 20.915 | 21.068 | VV | 10283  | 735134  | 7.33%  | 0.325% |

|     |        |        |        |    |                         |           |        |        |  |
|-----|--------|--------|--------|----|-------------------------|-----------|--------|--------|--|
|     |        |        |        |    | rteres                  |           |        |        |  |
| 300 | 21.077 | 21.068 | 21.087 | VV | 4361                    | 49004     | 0.49%  | 0.022% |  |
| 301 | 21.132 | 21.087 | 21.179 | VV | 7321                    | 313138    | 3.12%  | 0.138% |  |
| 302 | 21.303 | 21.179 | 21.476 | VV | 7088                    | 841384    | 8.38%  | 0.372% |  |
| 303 | 21.595 | 21.476 | 21.666 | PV | 166766                  | 3832786   | 38.19% | 1.693% |  |
|     |        |        |        |    | Sum of corrected areas: | 226434180 |        |        |  |

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