

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD042621AL\  
 Data File : FD037157.D  
 Signal(s) : FID2B.CH  
 Acq On : 26 Apr 2021 18:11  
 Sample : M2146-02  
 Misc :  
 ALS Vial : 63 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 042121.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         | 3.272       | 3.255        | 3.521      | BV       | 606            | 10497        | 0.21%          | 0.017%        |
| 2         | 3.536       | 3.521        | 3.555      | PV       | 301            | 4259         | 0.09%          | 0.007%        |
| 3         | 3.571       | 3.555        | 3.628      | VV       | 624            | 9911         | 0.20%          | 0.016%        |
| 4         | 3.643       | 3.628        | 3.691      | VV       | 517            | 10926        | 0.22%          | 0.018%        |
| 5         | 3.702       | 3.691        | 3.744      | VV       | 350            | 6400         | 0.13%          | 0.011%        |
| 6         | 3.762       | 3.744        | 3.798      | PV       | 933            | 11913        | 0.24%          | 0.020%        |
| 7         | 3.811       | 3.798        | 3.827      | VV       | 360            | 3200         | 0.06%          | 0.005%        |
| 8         | 3.848       | 3.827        | 3.906      | VV       | 937            | 16074        | 0.32%          | 0.027%        |
| 9         | 3.929       | 3.906        | 4.021      | PV       | 2638           | 46853        | 0.94%          | 0.078%        |
| 10        | 4.033       | 4.021        | 4.054      | VV       | 521            | 4708         | 0.09%          | 0.008%        |
| 11        | 4.100       | 4.054        | 4.126      | PV       | 1938           | 27565        | 0.56%          | 0.046%        |
| 12        | 4.143       | 4.126        | 4.166      | VV       | 559            | 8469         | 0.17%          | 0.014%        |
| 13        | 4.176       | 4.166        | 4.227      | VV       | 283            | 4822         | 0.10%          | 0.008%        |
| 14        | 4.250       | 4.227        | 4.273      | PV       | 307            | 3510         | 0.07%          | 0.006%        |
| 15        | 4.290       | 4.273        | 4.318      | PV       | 290            | 4822         | 0.10%          | 0.008%        |
| 16        | 4.336       | 4.318        | 4.358      | VV       | 2347           | 23305        | 0.47%          | 0.039%        |
| 17        | 4.378       | 4.358        | 4.393      | VV       | 916            | 9109         | 0.18%          | 0.015%        |
| 18        | 4.406       | 4.393        | 4.423      | VV       | 477            | 4853         | 0.10%          | 0.008%        |
| 19        | 4.437       | 4.423        | 4.465      | VV       | 292            | 4172         | 0.08%          | 0.007%        |
| 20        | 4.483       | 4.465        | 4.518      | PV       | 875            | 10791        | 0.22%          | 0.018%        |
| 21        | 4.545       | 4.518        | 4.574      | VV       | 1697           | 25596        | 0.52%          | 0.042%        |
| 22        | 4.589       | 4.574        | 4.605      | VV       | 1276           | 12117        | 0.24%          | 0.020%        |
| 23        | 4.618       | 4.605        | 4.655      | VV       | 665            | 11023        | 0.22%          | 0.018%        |
| 24        | 4.667       | 4.655        | 4.681      | VV       | 538            | 5542         | 0.11%          | 0.009%        |
| 25        | 4.685       | 4.681        | 4.697      | VV       | 374            | 2663         | 0.05%          | 0.004%        |
| 26        | 4.711       | 4.697        | 4.727      | VV       | 682            | 7211         | 0.15%          | 0.012%        |
| 27        | 4.747       | 4.727        | 4.773      | VV       | 772            | 12483        | 0.25%          | 0.021%        |
| 28        | 4.803       | 4.773        | 4.841      | VV       | 670            | 10396        | 0.21%          | 0.017%        |
| 29        | 4.862       | 4.841        | 4.877      | PV       | 502            | 4247         | 0.09%          | 0.007%        |
| 30        | 4.901       | 4.877        | 4.927      | VV       | 427            | 6697         | 0.13%          | 0.011%        |
| 31        | 4.943       | 4.927        | 4.956      | VV       | 614            | 7281         | 0.15%          | 0.012%        |
| 32        | 4.975       | 4.956        | 4.998      | VV       | 1316           | 17080        | 0.34%          | 0.028%        |
| 33        | 5.014       | 4.998        | 5.036      | VV       | 1048           | 13864        | 0.28%          | 0.023%        |
| 34        | 5.051       | 5.036        | 5.062      | VV       | 1102           | 10352        | 0.21%          | 0.017%        |
| 35        | 5.074       | 5.062        | 5.118      | VV       | 1346           | 18749        | 0.38%          | 0.031%        |
| 36        | 5.138       | 5.118        | 5.152      | PV       | 371            | 4326         | 0.09%          | 0.007%        |

| rteres |       |       |       |    |       |        |       |        |
|--------|-------|-------|-------|----|-------|--------|-------|--------|
| 37     | 5.189 | 5.152 | 5.218 | VV | 1521  | 26689  | 0.54% | 0.044% |
| 38     | 5.259 | 5.218 | 5.277 | VV | 1316  | 24248  | 0.49% | 0.040% |
| 39     | 5.318 | 5.277 | 5.337 | VV | 318   | 7649   | 0.15% | 0.013% |
| 40     | 5.370 | 5.337 | 5.416 | VV | 7240  | 85911  | 1.73% | 0.142% |
| 41     | 5.428 | 5.416 | 5.476 | VV | 724   | 12032  | 0.24% | 0.020% |
| 42     | 5.521 | 5.476 | 5.535 | VV | 390   | 9238   | 0.19% | 0.015% |
| 43     | 5.553 | 5.535 | 5.608 | VV | 1854  | 32022  | 0.65% | 0.053% |
| 44     | 5.655 | 5.608 | 5.687 | VV | 1785  | 42238  | 0.85% | 0.070% |
| 45     | 5.705 | 5.687 | 5.727 | VV | 1284  | 20185  | 0.41% | 0.033% |
| 46     | 5.739 | 5.727 | 5.754 | VV | 848   | 8223   | 0.17% | 0.014% |
| 47     | 5.775 | 5.754 | 5.802 | VV | 714   | 11769  | 0.24% | 0.020% |
| 48     | 5.822 | 5.802 | 5.843 | PV | 1029  | 11098  | 0.22% | 0.018% |
| 49     | 5.872 | 5.843 | 5.892 | VV | 1327  | 21902  | 0.44% | 0.036% |
| 50     | 5.915 | 5.892 | 5.947 | VV | 6510  | 76632  | 1.54% | 0.127% |
| 51     | 5.965 | 5.947 | 5.985 | VV | 1671  | 17814  | 0.36% | 0.030% |
| 52     | 6.009 | 5.985 | 6.030 | VV | 1952  | 23106  | 0.47% | 0.038% |
| 53     | 6.068 | 6.030 | 6.117 | VV | 2255  | 50845  | 1.02% | 0.084% |
| 54     | 6.131 | 6.117 | 6.141 | VV | 685   | 7732   | 0.16% | 0.013% |
| 55     | 6.156 | 6.141 | 6.174 | VV | 867   | 12790  | 0.26% | 0.021% |
| 56     | 6.188 | 6.174 | 6.210 | VV | 874   | 13461  | 0.27% | 0.022% |
| 57     | 6.229 | 6.210 | 6.251 | VV | 1176  | 16031  | 0.32% | 0.027% |
| 58     | 6.274 | 6.251 | 6.317 | VV | 800   | 20623  | 0.42% | 0.034% |
| 59     | 6.348 | 6.317 | 6.398 | VV | 10282 | 106689 | 2.15% | 0.177% |
| 60     | 6.436 | 6.398 | 6.451 | VV | 565   | 8558   | 0.17% | 0.014% |
| 61     | 6.465 | 6.451 | 6.478 | VV | 583   | 7657   | 0.15% | 0.013% |
| 62     | 6.496 | 6.478 | 6.519 | VV | 3582  | 39623  | 0.80% | 0.066% |
| 63     | 6.538 | 6.519 | 6.557 | VV | 1522  | 20727  | 0.42% | 0.034% |
| 64     | 6.568 | 6.557 | 6.584 | VV | 823   | 7360   | 0.15% | 0.012% |
| 65     | 6.623 | 6.584 | 6.643 | VV | 1218  | 18753  | 0.38% | 0.031% |
| 66     | 6.668 | 6.643 | 6.693 | VV | 1288  | 22076  | 0.44% | 0.037% |
| 67     | 6.704 | 6.693 | 6.717 | VV | 960   | 8629   | 0.17% | 0.014% |
| 68     | 6.745 | 6.717 | 6.780 | VV | 1686  | 26127  | 0.53% | 0.043% |
| 69     | 6.812 | 6.780 | 6.828 | VV | 1062  | 16412  | 0.33% | 0.027% |
| 70     | 6.864 | 6.828 | 6.885 | VV | 1970  | 43328  | 0.87% | 0.072% |
| 71     | 6.904 | 6.885 | 6.928 | VV | 2549  | 31667  | 0.64% | 0.052% |
| 72     | 6.966 | 6.928 | 6.989 | VV | 4806  | 81666  | 1.65% | 0.135% |
| 73     | 7.006 | 6.989 | 7.027 | VV | 2202  | 27673  | 0.56% | 0.046% |
| 74     | 7.048 | 7.027 | 7.082 | VV | 4609  | 60320  | 1.22% | 0.100% |
| 75     | 7.101 | 7.082 | 7.126 | VV | 4028  | 46066  | 0.93% | 0.076% |
| 76     | 7.148 | 7.126 | 7.178 | VV | 1343  | 22163  | 0.45% | 0.037% |
| 77     | 7.192 | 7.178 | 7.208 | VV | 739   | 9549   | 0.19% | 0.016% |
| 78     | 7.269 | 7.208 | 7.295 | VV | 13545 | 166658 | 3.36% | 0.276% |
| 79     | 7.318 | 7.295 | 7.339 | VV | 1029  | 20442  | 0.41% | 0.034% |
| 80     | 7.356 | 7.339 | 7.371 | VV | 844   | 13833  | 0.28% | 0.023% |
| 81     | 7.388 | 7.371 | 7.416 | VV | 882   | 18527  | 0.37% | 0.031% |
| 82     | 7.443 | 7.416 | 7.473 | VV | 2618  | 43744  | 0.88% | 0.072% |
| 83     | 7.491 | 7.473 | 7.511 | VV | 1024  | 13744  | 0.28% | 0.023% |
| 84     | 7.531 | 7.511 | 7.543 | PV | 688   | 8447   | 0.17% | 0.014% |
| 85     | 7.633 | 7.620 | 7.661 | VV | 1505  | 25175  | 0.51% | 0.042% |
| 86     | 7.691 | 7.661 | 7.708 | VV | 1764  | 33254  | 0.67% | 0.055% |
| 87     | 7.724 | 7.708 | 7.736 | VV | 2031  | 26371  | 0.53% | 0.044% |
| 88     | 7.745 | 7.736 | 7.765 | VV | 1814  | 21608  | 0.44% | 0.036% |
| 89     | 7.788 | 7.765 | 7.808 | VV | 2200  | 29184  | 0.59% | 0.048% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.835  | 7.808  | 7.857  | VV | 3490   | 54216  | 1.09% | 0.090% |
| 91  | 7.889  | 7.857  | 7.917  | VV | 2918   | 61797  | 1.25% | 0.102% |
| 92  | 7.958  | 7.917  | 7.998  | VV | 6999   | 111484 | 2.25% | 0.185% |
| 93  | 8.014  | 7.998  | 8.031  | VV | 1082   | 18770  | 0.38% | 0.031% |
| 94  | 8.060  | 8.031  | 8.074  | VV | 4788   | 66724  | 1.34% | 0.111% |
| 95  | 8.087  | 8.074  | 8.111  | VV | 3654   | 56186  | 1.13% | 0.093% |
| 96  | 8.137  | 8.111  | 8.163  | VV | 16245  | 190840 | 3.85% | 0.316% |
| 97  | 8.192  | 8.163  | 8.210  | VV | 3662   | 56923  | 1.15% | 0.094% |
| 98  | 8.240  | 8.210  | 8.268  | VV | 3688   | 78155  | 1.58% | 0.130% |
| 99  | 8.294  | 8.268  | 8.312  | VV | 2204   | 38650  | 0.78% | 0.064% |
| 100 | 8.330  | 8.312  | 8.342  | VV | 1504   | 20829  | 0.42% | 0.035% |
| 101 | 8.354  | 8.342  | 8.371  | VV | 1309   | 18236  | 0.37% | 0.030% |
| 102 | 8.381  | 8.371  | 8.397  | VV | 897    | 10331  | 0.21% | 0.017% |
| 103 | 8.492  | 8.478  | 8.518  | VV | 2000   | 42286  | 0.85% | 0.070% |
| 104 | 8.539  | 8.518  | 8.569  | VV | 2550   | 62690  | 1.26% | 0.104% |
| 105 | 8.586  | 8.569  | 8.610  | VV | 3153   | 53221  | 1.07% | 0.088% |
| 106 | 8.626  | 8.610  | 8.641  | VV | 2234   | 32041  | 0.65% | 0.053% |
| 107 | 8.671  | 8.641  | 8.704  | VV | 6874   | 104522 | 2.11% | 0.173% |
| 108 | 8.723  | 8.704  | 8.740  | VV | 2389   | 29977  | 0.60% | 0.050% |
| 109 | 8.775  | 8.740  | 8.793  | VV | 1982   | 39416  | 0.79% | 0.065% |
| 110 | 8.811  | 8.793  | 8.833  | VV | 1681   | 28028  | 0.56% | 0.046% |
| 111 | 8.850  | 8.833  | 8.873  | VV | 1159   | 22285  | 0.45% | 0.037% |
| 112 | 8.897  | 8.873  | 8.914  | VV | 1424   | 29028  | 0.59% | 0.048% |
| 113 | 8.955  | 8.914  | 8.975  | VV | 13328  | 174424 | 3.52% | 0.289% |
| 114 | 8.984  | 8.975  | 9.022  | VV | 2555   | 36661  | 0.74% | 0.061% |
| 115 | 9.042  | 9.022  | 9.063  | VV | 1277   | 19809  | 0.40% | 0.033% |
| 116 | 9.099  | 9.063  | 9.117  | VV | 2140   | 33250  | 0.67% | 0.055% |
| 117 | 9.132  | 9.117  | 9.168  | VV | 1463   | 22542  | 0.45% | 0.037% |
| 118 | 9.184  | 9.168  | 9.205  | VV | 820    | 12745  | 0.26% | 0.021% |
| 119 | 9.236  | 9.205  | 9.263  | VV | 1838   | 31836  | 0.64% | 0.053% |
| 120 | 9.279  | 9.263  | 9.297  | VV | 846    | 12096  | 0.24% | 0.020% |
| 121 | 9.322  | 9.297  | 9.360  | VV | 3268   | 72773  | 1.47% | 0.121% |
| 122 | 9.414  | 9.360  | 9.438  | VV | 2114   | 63388  | 1.28% | 0.105% |
| 123 | 9.460  | 9.438  | 9.481  | VV | 2291   | 34478  | 0.69% | 0.057% |
| 124 | 9.513  | 9.481  | 9.540  | VV | 1929   | 40505  | 0.82% | 0.067% |
| 125 | 9.560  | 9.540  | 9.588  | VV | 533    | 12397  | 0.25% | 0.021% |
| 126 | 9.594  | 9.588  | 9.617  | VV | 500    | 5583   | 0.11% | 0.009% |
| 127 | 9.645  | 9.617  | 9.681  | VV | 1149   | 31780  | 0.64% | 0.053% |
| 128 | 9.688  | 9.681  | 9.705  | VV | 1091   | 12073  | 0.24% | 0.020% |
| 129 | 9.731  | 9.705  | 9.785  | VV | 8669   | 111550 | 2.25% | 0.185% |
| 130 | 9.801  | 9.785  | 9.820  | VV | 881    | 13554  | 0.27% | 0.022% |
| 131 | 9.834  | 9.820  | 9.881  | VV | 735    | 14591  | 0.29% | 0.024% |
| 132 | 9.902  | 9.881  | 9.937  | VV | 677    | 11479  | 0.23% | 0.019% |
| 133 | 9.944  | 9.937  | 9.978  | VV | 197    | 2282   | 0.05% | 0.004% |
| 134 | 10.004 | 9.978  | 10.020 | PV | 316    | 4403   | 0.09% | 0.007% |
| 135 | 10.074 | 10.020 | 10.091 | VV | 1400   | 32152  | 0.65% | 0.053% |
| 136 | 10.118 | 10.091 | 10.143 | VV | 2694   | 44145  | 0.89% | 0.073% |
| 137 | 10.166 | 10.143 | 10.181 | VV | 2031   | 27494  | 0.55% | 0.046% |
| 138 | 10.199 | 10.181 | 10.221 | VV | 1811   | 31137  | 0.63% | 0.052% |
| 139 | 10.235 | 10.221 | 10.248 | VV | 1210   | 14734  | 0.30% | 0.024% |
| 140 | 10.260 | 10.248 | 10.290 | VV | 1415   | 19369  | 0.39% | 0.032% |
| 141 | 10.310 | 10.290 | 10.332 | VV | 1060   | 16988  | 0.34% | 0.028% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.364 | 10.332 | 10.382 | VV | 1026   | 22437   | 0.45%  | 0.037% |
| 143 | 10.412 | 10.382 | 10.432 | VV | 1521   | 31474   | 0.63%  | 0.052% |
| 144 | 10.466 | 10.432 | 10.496 | VV | 4951   | 74488   | 1.50%  | 0.123% |
| 145 | 10.538 | 10.496 | 10.573 | VV | 2812   | 68393   | 1.38%  | 0.113% |
| 146 | 10.599 | 10.573 | 10.631 | VV | 1391   | 27273   | 0.55%  | 0.045% |
| 147 | 10.711 | 10.631 | 10.757 | VV | 12402  | 159306  | 3.21%  | 0.264% |
| 148 | 10.786 | 10.757 | 10.822 | VV | 4402   | 66436   | 1.34%  | 0.110% |
| 149 | 10.839 | 10.822 | 10.871 | VV | 1085   | 21787   | 0.44%  | 0.036% |
| 150 | 10.885 | 10.871 | 10.904 | VV | 981    | 15476   | 0.31%  | 0.026% |
| 151 | 10.918 | 10.904 | 10.952 | VV | 960    | 16962   | 0.34%  | 0.028% |
| 152 | 10.971 | 10.952 | 10.984 | VV | 860    | 10495   | 0.21%  | 0.017% |
| 153 | 11.001 | 10.984 | 11.042 | VV | 959    | 21048   | 0.42%  | 0.035% |
| 154 | 11.067 | 11.042 | 11.080 | PV | 547    | 8691    | 0.18%  | 0.014% |
| 155 | 11.100 | 11.080 | 11.119 | VV | 1071   | 17025   | 0.34%  | 0.028% |
| 156 | 11.134 | 11.119 | 11.148 | VV | 993    | 13074   | 0.26%  | 0.022% |
| 157 | 11.166 | 11.148 | 11.192 | VV | 3515   | 45802   | 0.92%  | 0.076% |
| 158 | 11.253 | 11.192 | 11.287 | VV | 1778   | 54566   | 1.10%  | 0.090% |
| 159 | 11.306 | 11.287 | 11.334 | VV | 454    | 6908    | 0.14%  | 0.011% |
| 160 | 11.360 | 11.334 | 11.385 | PV | 1483   | 18439   | 0.37%  | 0.031% |
| 161 | 11.408 | 11.385 | 11.435 | VV | 1059   | 14802   | 0.30%  | 0.025% |
| 162 | 11.480 | 11.435 | 11.527 | VV | 379877 | 4054698 | 81.72% | 6.720% |
| 163 | 11.542 | 11.527 | 11.584 | VV | 4064   | 54903   | 1.11%  | 0.091% |
| 164 | 11.624 | 11.584 | 11.641 | VV | 2762   | 50834   | 1.02%  | 0.084% |
| 165 | 11.657 | 11.641 | 11.674 | VV | 2752   | 36307   | 0.73%  | 0.060% |
| 166 | 11.690 | 11.674 | 11.721 | VV | 3084   | 37461   | 0.76%  | 0.062% |
| 167 | 11.742 | 11.721 | 11.751 | VV | 259    | 4085    | 0.08%  | 0.007% |
| 168 | 11.771 | 11.751 | 11.789 | VV | 417    | 6071    | 0.12%  | 0.010% |
| 169 | 11.832 | 11.789 | 11.853 | PV | 2979   | 49265   | 0.99%  | 0.082% |
| 170 | 11.883 | 11.853 | 11.935 | VV | 9151   | 127071  | 2.56%  | 0.211% |
| 171 | 11.980 | 11.935 | 11.999 | VV | 1178   | 16866   | 0.34%  | 0.028% |
| 172 | 12.012 | 11.999 | 12.023 | VV | 484    | 4994    | 0.10%  | 0.008% |
| 173 | 12.042 | 12.023 | 12.055 | VV | 1064   | 13708   | 0.28%  | 0.023% |
| 174 | 12.072 | 12.055 | 12.100 | VV | 4078   | 44285   | 0.89%  | 0.073% |
| 175 | 12.127 | 12.100 | 12.143 | VV | 439    | 9260    | 0.19%  | 0.015% |
| 176 | 12.158 | 12.143 | 12.175 | VV | 761    | 8967    | 0.18%  | 0.015% |
| 177 | 12.188 | 12.175 | 12.197 | VV | 790    | 9087    | 0.18%  | 0.015% |
| 178 | 12.208 | 12.197 | 12.221 | VV | 834    | 9568    | 0.19%  | 0.016% |
| 179 | 12.250 | 12.221 | 12.278 | VV | 918    | 22275   | 0.45%  | 0.037% |
| 180 | 12.297 | 12.278 | 12.337 | VV | 1859   | 32993   | 0.66%  | 0.055% |
| 181 | 12.357 | 12.337 | 12.381 | PV | 822    | 12002   | 0.24%  | 0.020% |
| 182 | 12.406 | 12.381 | 12.426 | VV | 4213   | 53366   | 1.08%  | 0.088% |
| 183 | 12.442 | 12.426 | 12.451 | VV | 1643   | 19721   | 0.40%  | 0.033% |
| 184 | 12.469 | 12.451 | 12.494 | VV | 4644   | 59392   | 1.20%  | 0.098% |
| 185 | 12.521 | 12.494 | 12.566 | VV | 17167  | 199579  | 4.02%  | 0.331% |
| 186 | 12.584 | 12.566 | 12.605 | VV | 233    | 2900    | 0.06%  | 0.005% |
| 187 | 12.619 | 12.605 | 12.638 | PV | 402    | 5019    | 0.10%  | 0.008% |
| 188 | 12.654 | 12.638 | 12.672 | VV | 1249   | 14638   | 0.30%  | 0.024% |
| 189 | 12.682 | 12.672 | 12.695 | VV | 475    | 4702    | 0.09%  | 0.008% |
| 190 | 12.710 | 12.695 | 12.747 | VV | 1000   | 23634   | 0.48%  | 0.039% |
| 191 | 12.762 | 12.747 | 12.791 | VV | 793    | 13581   | 0.27%  | 0.023% |
| 192 | 12.817 | 12.791 | 12.849 | VV | 18090  | 199451  | 4.02%  | 0.331% |
| 193 | 12.914 | 12.849 | 12.938 | VV | 279901 | 3543800 | 71.42% | 5.873% |
| 194 | 12.953 | 12.938 | 12.976 | VV | 22605  | 263355  | 5.31%  | 0.436% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 195 | 12.988 | 12.976 | 13.045 | VV | 2766   | 50275  | 1.01% | 0.083% |
| 196 | 13.080 | 13.045 | 13.107 | PV | 4232   | 70506  | 1.42% | 0.117% |
| 197 | 13.132 | 13.107 | 13.193 | VV | 5228   | 107517 | 2.17% | 0.178% |
| 198 | 13.214 | 13.193 | 13.228 | VV | 1230   | 15032  | 0.30% | 0.025% |
| 199 | 13.243 | 13.228 | 13.258 | VV | 947    | 13960  | 0.28% | 0.023% |
| 200 | 13.273 | 13.258 | 13.348 | VV | 1846   | 46308  | 0.93% | 0.077% |
| 201 | 13.404 | 13.348 | 13.438 | VV | 3795   | 72988  | 1.47% | 0.121% |
| 202 | 13.471 | 13.438 | 13.489 | VV | 685    | 14776  | 0.30% | 0.024% |
| 203 | 13.512 | 13.489 | 13.532 | VV | 2258   | 30095  | 0.61% | 0.050% |
| 204 | 13.551 | 13.532 | 13.571 | VV | 2690   | 34177  | 0.69% | 0.057% |
| 205 | 13.583 | 13.571 | 13.618 | VV | 902    | 18064  | 0.36% | 0.030% |
| 206 | 13.663 | 13.618 | 13.701 | VV | 4604   | 103253 | 2.08% | 0.171% |
| 207 | 13.720 | 13.701 | 13.741 | VV | 2287   | 28340  | 0.57% | 0.047% |
| 208 | 13.779 | 13.741 | 13.828 | VV | 661    | 23683  | 0.48% | 0.039% |
| 209 | 13.888 | 13.828 | 13.898 | PV | 714    | 17485  | 0.35% | 0.029% |
| 210 | 13.904 | 13.898 | 13.919 | VV | 496    | 4869   | 0.10% | 0.008% |
| 211 | 13.958 | 13.919 | 13.978 | VV | 449    | 12988  | 0.26% | 0.022% |
| 212 | 13.992 | 13.978 | 14.001 | VV | 404    | 4336   | 0.09% | 0.007% |
| 213 | 14.049 | 14.001 | 14.081 | VV | 2805   | 62266  | 1.25% | 0.103% |
| 214 | 14.099 | 14.081 | 14.117 | VV | 1672   | 30419  | 0.61% | 0.050% |
| 215 | 14.135 | 14.117 | 14.191 | VV | 2643   | 55966  | 1.13% | 0.093% |
| 216 | 14.221 | 14.191 | 14.251 | VV | 4790   | 78016  | 1.57% | 0.129% |
| 217 | 14.277 | 14.251 | 14.292 | VV | 2080   | 36799  | 0.74% | 0.061% |
| 218 | 14.314 | 14.292 | 14.331 | VV | 2678   | 44492  | 0.90% | 0.074% |
| 219 | 14.341 | 14.331 | 14.355 | VV | 1581   | 18565  | 0.37% | 0.031% |
| 220 | 14.377 | 14.355 | 14.398 | VV | 3587   | 46976  | 0.95% | 0.078% |
| 221 | 14.437 | 14.398 | 14.459 | VV | 2003   | 35415  | 0.71% | 0.059% |
| 222 | 14.501 | 14.459 | 14.519 | VV | 1224   | 23375  | 0.47% | 0.039% |
| 223 | 14.537 | 14.519 | 14.551 | VV | 734    | 10232  | 0.21% | 0.017% |
| 224 | 14.564 | 14.551 | 14.584 | VV | 692    | 10146  | 0.20% | 0.017% |
| 225 | 14.607 | 14.584 | 14.625 | VV | 690    | 11155  | 0.22% | 0.018% |
| 226 | 14.686 | 14.625 | 14.705 | VV | 8005   | 113840 | 2.29% | 0.189% |
| 227 | 14.725 | 14.705 | 14.744 | VV | 9410   | 116130 | 2.34% | 0.192% |
| 228 | 14.759 | 14.744 | 14.786 | VV | 4267   | 57787  | 1.16% | 0.096% |
| 229 | 14.805 | 14.786 | 14.818 | VV | 980    | 14198  | 0.29% | 0.024% |
| 230 | 14.846 | 14.818 | 14.878 | VV | 2549   | 50102  | 1.01% | 0.083% |
| 231 | 14.891 | 14.878 | 14.908 | VV | 1217   | 16008  | 0.32% | 0.027% |
| 232 | 14.919 | 14.908 | 14.958 | VV | 784    | 11515  | 0.23% | 0.019% |
| 233 | 14.995 | 14.958 | 15.031 | PV | 1202   | 26972  | 0.54% | 0.045% |
| 234 | 15.041 | 15.031 | 15.055 | VV | 326    | 3390   | 0.07% | 0.006% |
| 235 | 15.069 | 15.055 | 15.082 | VV | 562    | 4537   | 0.09% | 0.008% |
| 236 | 15.135 | 15.082 | 15.215 | VV | 23315  | 355582 | 7.17% | 0.589% |
| 237 | 15.235 | 15.215 | 15.247 | PV | 457    | 4659   | 0.09% | 0.008% |
| 238 | 15.276 | 15.247 | 15.302 | VV | 6879   | 87983  | 1.77% | 0.146% |
| 239 | 15.356 | 15.302 | 15.376 | VV | 4022   | 72790  | 1.47% | 0.121% |
| 240 | 15.395 | 15.376 | 15.425 | VV | 1863   | 30328  | 0.61% | 0.050% |
| 241 | 15.520 | 15.425 | 15.558 | PV | 2311   | 81641  | 1.65% | 0.135% |
| 242 | 15.594 | 15.558 | 15.615 | VV | 1098   | 21429  | 0.43% | 0.036% |
| 243 | 15.650 | 15.615 | 15.671 | VV | 1740   | 33497  | 0.68% | 0.056% |
| 244 | 15.682 | 15.671 | 15.698 | VV | 1221   | 15440  | 0.31% | 0.026% |
| 245 | 15.739 | 15.698 | 15.755 | VV | 1208   | 29442  | 0.59% | 0.049% |
| 246 | 15.776 | 15.755 | 15.812 | VV | 6058   | 92063  | 1.86% | 0.153% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 247 | 15.836 | 15.812 | 15.872 | VV | 1954   | 34207  | 0.69%  | 0.057% |
| 248 | 15.882 | 15.872 | 15.896 | VV | 332    | 3777   | 0.08%  | 0.006% |
| 249 | 15.964 | 15.896 | 16.008 | PV | 1720   | 46386  | 0.93%  | 0.077% |
| 250 | 16.063 | 16.008 | 16.083 | VV | 1476   | 31689  | 0.64%  | 0.053% |
| 251 | 16.144 | 16.083 | 16.186 | VV | 6717   | 137755 | 2.78%  | 0.228% |
| 252 | 16.257 | 16.186 | 16.300 | PV | 14179  | 342147 | 6.90%  | 0.567% |
| 253 | 16.369 | 16.300 | 16.393 | VV | 3445   | 95154  | 1.92%  | 0.158% |
| 254 | 16.419 | 16.393 | 16.435 | VV | 1902   | 38672  | 0.78%  | 0.064% |
| 255 | 16.462 | 16.435 | 16.474 | VV | 1667   | 33193  | 0.67%  | 0.055% |
| 256 | 16.485 | 16.474 | 16.496 | VV | 1311   | 16588  | 0.33%  | 0.027% |
| 257 | 16.554 | 16.496 | 16.580 | VV | 7854   | 159793 | 3.22%  | 0.265% |
| 258 | 16.612 | 16.580 | 16.653 | VV | 9559   | 154899 | 3.12%  | 0.257% |
| 259 | 16.719 | 16.653 | 16.750 | VV | 8353   | 201736 | 4.07%  | 0.334% |
| 260 | 16.796 | 16.750 | 16.838 | VV | 7391   | 180696 | 3.64%  | 0.299% |
| 261 | 16.866 | 16.838 | 16.894 | VV | 2227   | 65007  | 1.31%  | 0.108% |
| 262 | 16.986 | 16.894 | 17.000 | VV | 3492   | 175746 | 3.54%  | 0.291% |
| 263 | 17.031 | 17.000 | 17.054 | VV | 3427   | 99977  | 2.01%  | 0.166% |
| 264 | 17.081 | 17.054 | 17.121 | VV | 9408   | 221237 | 4.46%  | 0.367% |
| 265 | 17.132 | 17.121 | 17.143 | VV | 4415   | 54739  | 1.10%  | 0.091% |
| 266 | 17.168 | 17.143 | 17.215 | VV | 19345  | 346941 | 6.99%  | 0.575% |
| 267 | 17.271 | 17.215 | 17.307 | VV | 4037   | 169777 | 3.42%  | 0.281% |
| 268 | 17.337 | 17.307 | 17.365 | VV | 3245   | 71046  | 1.43%  | 0.118% |
| 269 | 17.387 | 17.365 | 17.416 | VV | 1321   | 28838  | 0.58%  | 0.048% |
| 270 | 17.453 | 17.416 | 17.470 | PV | 764    | 15761  | 0.32%  | 0.026% |
| 271 | 17.530 | 17.470 | 17.544 | PV | 2828   | 67192  | 1.35%  | 0.111% |
| 272 | 17.603 | 17.544 | 17.631 | VV | 10238  | 228131 | 4.60%  | 0.378% |
| 273 | 17.692 | 17.631 | 17.721 | VV | 24388  | 414820 | 8.36%  | 0.687% |
| 274 | 17.745 | 17.721 | 17.804 | VV | 8117   | 258171 | 5.20%  | 0.428% |
| 275 | 17.826 | 17.804 | 17.857 | VV | 3463   | 91825  | 1.85%  | 0.152% |
| 276 | 17.894 | 17.857 | 17.930 | VV | 6473   | 191759 | 3.86%  | 0.318% |
| 277 | 17.959 | 17.930 | 17.996 | VV | 17898  | 405750 | 8.18%  | 0.672% |
| 278 | 18.024 | 17.996 | 18.071 | VV | 22224  | 376781 | 7.59%  | 0.624% |
| 279 | 18.113 | 18.071 | 18.170 | VV | 9169   | 215781 | 4.35%  | 0.358% |
| 280 | 18.180 | 18.170 | 18.201 | VV | 1245   | 13341  | 0.27%  | 0.022% |
| 281 | 18.228 | 18.201 | 18.253 | PV | 6764   | 88592  | 1.79%  | 0.147% |
| 282 | 18.335 | 18.253 | 18.347 | VV | 3514   | 119070 | 2.40%  | 0.197% |
| 283 | 18.431 | 18.347 | 18.478 | VV | 11950  | 434344 | 8.75%  | 0.720% |
| 284 | 18.531 | 18.478 | 18.559 | VV | 38340  | 676469 | 13.63% | 1.121% |
| 285 | 18.580 | 18.559 | 18.611 | VV | 9224   | 232990 | 4.70%  | 0.386% |
| 286 | 18.623 | 18.611 | 18.631 | VV | 5876   | 67811  | 1.37%  | 0.112% |
| 287 | 18.704 | 18.631 | 18.721 | VV | 7717   | 332337 | 6.70%  | 0.551% |
| 288 | 18.779 | 18.721 | 18.805 | VV | 27502  | 661828 | 13.34% | 1.097% |
| 289 | 18.827 | 18.805 | 18.855 | VV | 21220  | 427232 | 8.61%  | 0.708% |
| 290 | 18.864 | 18.855 | 18.876 | VV | 8784   | 104476 | 2.11%  | 0.173% |
| 291 | 18.936 | 18.876 | 18.976 | VV | 15451  | 697096 | 14.05% | 1.155% |
| 292 | 19.056 | 18.976 | 19.075 | VV | 16979  | 758851 | 15.29% | 1.258% |
| 293 | 19.108 | 19.075 | 19.142 | VV | 17577  | 654180 | 13.18% | 1.084% |
| 294 | 19.151 | 19.142 | 19.158 | VV | 13687  | 128623 | 2.59%  | 0.213% |
| 295 | 19.211 | 19.158 | 19.228 | VV | 20030  | 679605 | 13.70% | 1.126% |
| 296 | 19.239 | 19.228 | 19.246 | VV | 17237  | 179960 | 3.63%  | 0.298% |
| 297 | 19.268 | 19.246 | 19.294 | VV | 23250  | 538438 | 10.85% | 0.892% |
| 298 | 19.318 | 19.294 | 19.351 | VV | 20360  | 570843 | 11.50% | 0.946% |
| 299 | 19.404 | 19.351 | 19.424 | VV | 14514  | 590598 | 11.90% | 0.979% |

|     |        |        |        |    |                         |         |          |        |
|-----|--------|--------|--------|----|-------------------------|---------|----------|--------|
|     |        |        |        |    | rters                   |         |          |        |
| 300 | 19.587 | 19.424 | 19.608 | VV | 25091                   | 1927467 | 38.85%   | 3.194% |
| 301 | 19.692 | 19.608 | 19.700 | VV | 24195                   | 1275009 | 25.70%   | 2.113% |
| 302 | 19.754 | 19.700 | 19.781 | VV | 26630                   | 1195071 | 24.09%   | 1.980% |
| 303 | 19.793 | 19.781 | 19.803 | VV | 21753                   | 280296  | 5.65%    | 0.465% |
| 304 | 19.824 | 19.803 | 19.835 | VV | 22230                   | 405346  | 8.17%    | 0.672% |
| 305 | 19.857 | 19.835 | 19.878 | VV | 23953                   | 568874  | 11.47%   | 0.943% |
| 306 | 19.952 | 19.878 | 19.971 | VV | 25804                   | 1233050 | 24.85%   | 2.043% |
| 307 | 20.125 | 19.971 | 20.191 | VV | 46296                   | 4961733 | 100.00%  | 8.223% |
| 308 | 20.211 | 20.191 | 20.238 | VV | 36737                   | 989536  | 19.94%   | 1.640% |
| 309 | 20.256 | 20.238 | 20.267 | VV | 33393                   | 548760  | 11.06%   | 0.909% |
| 310 | 20.304 | 20.267 | 20.328 | VV | 41483                   | 1383195 | 27.88%   | 2.292% |
| 311 | 20.346 | 20.328 | 20.368 | VV | 43791                   | 1003325 | 20.22%   | 1.663% |
| 312 | 20.404 | 20.368 | 20.498 | VV | 49668                   | 3308667 | 66.68%   | 5.483% |
| 313 | 20.510 | 20.498 | 20.536 | VV | 33005                   | 725306  | 14.62%   | 1.202% |
| 314 | 20.550 | 20.536 | 20.578 | VV | 29542                   | 721162  | 14.53%   | 1.195% |
| 315 | 20.659 | 20.578 | 20.739 | VV | 38553                   | 2975960 | 59.98%   | 4.932% |
| 316 | 20.786 | 20.739 | 20.801 | VV | 25233                   | 917128  | 18.48%   | 1.520% |
| 317 | 20.825 | 20.801 | 20.851 | VV | 25613                   | 738110  | 14.88%   | 1.223% |
| 318 | 20.860 | 20.851 | 20.884 | VV | 23647                   | 446210  | 8.99%    | 0.739% |
| 319 | 20.952 | 20.884 | 21.038 | VV | 28926                   | 2352627 | 47.42%   | 3.899% |
| 320 | 21.051 | 21.038 | 21.107 | VV | 20622                   | 712721  | 14.36%   | 1.181% |
| 321 | 21.183 | 21.107 | 21.224 | VV | 16949                   | 1004486 | 20.24%   | 1.665% |
| 322 | 21.289 | 21.224 | 21.428 | VV | 17058                   | 1421055 | 28.64%   | 2.355% |
| 323 | 21.441 | 21.428 | 21.481 | VV | 3110                    | 58903   | 1.19%    | 0.098% |
|     |        |        |        |    | Sum of corrected areas: |         | 60342094 |        |

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