

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC090921AL\  
Data File : FC055560.D  
Signal(s) : FID1A.CH  
Acq On : 09 Sep 2021 16:42  
Sample : M3667-01D  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 083021.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         | 3.393       | 3.365        | 3.403      | BV       | 2763           | 27468        | 0.31%          | 0.008%        |
| 2         | 3.418       | 3.403        | 3.435      | VV       | 9964           | 88238        | 1.00%          | 0.026%        |
| 3         | 3.445       | 3.435        | 3.477      | VV       | 2483           | 26630        | 0.30%          | 0.008%        |
| 4         | 3.498       | 3.477        | 3.509      | PV       | 1645           | 13534        | 0.15%          | 0.004%        |
| 5         | 3.526       | 3.509        | 3.538      | VV       | 6066           | 61225        | 0.69%          | 0.018%        |
| 6         | 3.549       | 3.538        | 3.564      | VV       | 5391           | 55326        | 0.63%          | 0.016%        |
| 7         | 3.598       | 3.564        | 3.629      | VV       | 5622           | 123383       | 1.40%          | 0.036%        |
| 8         | 3.667       | 3.629        | 3.701      | VV       | 12068          | 207331       | 2.35%          | 0.061%        |
| 9         | 3.727       | 3.701        | 3.745      | VV       | 8294           | 120397       | 1.37%          | 0.035%        |
| 10        | 3.771       | 3.745        | 3.796      | VV       | 32044          | 379655       | 4.31%          | 0.112%        |
| 11        | 3.805       | 3.796        | 3.817      | VV       | 8293           | 83768        | 0.95%          | 0.025%        |
| 12        | 3.844       | 3.817        | 3.880      | VV       | 16083          | 285763       | 3.24%          | 0.084%        |
| 13        | 3.895       | 3.880        | 3.924      | VV       | 6880           | 89826        | 1.02%          | 0.026%        |
| 14        | 3.943       | 3.924        | 3.961      | VV       | 15357          | 135706       | 1.54%          | 0.040%        |
| 15        | 3.989       | 3.961        | 4.037      | VV       | 11942          | 283082       | 3.21%          | 0.083%        |
| 16        | 4.060       | 4.037        | 4.081      | VV       | 4445           | 77123        | 0.87%          | 0.023%        |
| 17        | 4.099       | 4.081        | 4.114      | VV       | 6963           | 97420        | 1.11%          | 0.029%        |
| 18        | 4.132       | 4.114        | 4.152      | VV       | 11565          | 179248       | 2.03%          | 0.053%        |
| 19        | 4.165       | 4.152        | 4.185      | VV       | 10031          | 120467       | 1.37%          | 0.035%        |
| 20        | 4.248       | 4.185        | 4.260      | VV       | 11978          | 255852       | 2.90%          | 0.075%        |
| 21        | 4.275       | 4.260        | 4.300      | VV       | 17266          | 231999       | 2.63%          | 0.068%        |
| 22        | 4.313       | 4.300        | 4.355      | VV       | 9528           | 153765       | 1.74%          | 0.045%        |
| 23        | 4.385       | 4.355        | 4.404      | VV       | 12039          | 182445       | 2.07%          | 0.054%        |
| 24        | 4.425       | 4.404        | 4.446      | VV       | 14671          | 219244       | 2.49%          | 0.064%        |
| 25        | 4.459       | 4.446        | 4.503      | VV       | 7899           | 199502       | 2.26%          | 0.059%        |
| 26        | 4.510       | 4.503        | 4.523      | VV       | 4733           | 47172        | 0.54%          | 0.014%        |
| 27        | 4.539       | 4.523        | 4.566      | VV       | 9517           | 137637       | 1.56%          | 0.040%        |
| 28        | 4.584       | 4.566        | 4.600      | VV       | 4301           | 72421        | 0.82%          | 0.021%        |
| 29        | 4.627       | 4.600        | 4.654      | VV       | 13184          | 279303       | 3.17%          | 0.082%        |
| 30        | 4.670       | 4.654        | 4.687      | VV       | 21079          | 270373       | 3.07%          | 0.079%        |
| 31        | 4.698       | 4.687        | 4.712      | VV       | 10572          | 133923       | 1.52%          | 0.039%        |
| 32        | 4.723       | 4.712        | 4.736      | VV       | 8729           | 97738        | 1.11%          | 0.029%        |
| 33        | 4.753       | 4.736        | 4.764      | VV       | 18782          | 204523       | 2.32%          | 0.060%        |
| 34        | 4.775       | 4.764        | 4.789      | VV       | 18158          | 206837       | 2.35%          | 0.061%        |
| 35        | 4.800       | 4.789        | 4.811      | VV       | 15720          | 162750       | 1.85%          | 0.048%        |
| 36        | 4.822       | 4.811        | 4.830      | VV       | 17283          | 164213       | 1.86%          | 0.048%        |

| rteres |       |       |       |    |        |         |        |        |
|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 37     | 4.842 | 4.830 | 4.859 | VV | 22256  | 252703  | 2.87%  | 0.074% |
| 38     | 4.882 | 4.859 | 4.923 | VV | 39121  | 623060  | 7.07%  | 0.183% |
| 39     | 4.945 | 4.923 | 4.967 | VV | 28620  | 392893  | 4.46%  | 0.115% |
| 40     | 4.991 | 4.967 | 5.005 | VV | 13559  | 209565  | 2.38%  | 0.062% |
|        |       |       |       |    |        |         |        |        |
| 41     | 5.021 | 5.005 | 5.051 | VV | 13967  | 265434  | 3.01%  | 0.078% |
| 42     | 5.099 | 5.051 | 5.140 | VV | 15533  | 420706  | 4.77%  | 0.124% |
| 43     | 5.165 | 5.140 | 5.176 | VV | 21910  | 253538  | 2.88%  | 0.075% |
| 44     | 5.189 | 5.176 | 5.205 | VV | 33953  | 378307  | 4.29%  | 0.111% |
| 45     | 5.216 | 5.205 | 5.254 | VV | 16089  | 356903  | 4.05%  | 0.105% |
|        |       |       |       |    |        |         |        |        |
| 46     | 5.269 | 5.254 | 5.290 | VV | 10553  | 191220  | 2.17%  | 0.056% |
| 47     | 5.309 | 5.290 | 5.339 | VV | 21409  | 437657  | 4.96%  | 0.129% |
| 48     | 5.370 | 5.339 | 5.385 | VV | 20351  | 414741  | 4.70%  | 0.122% |
| 49     | 5.400 | 5.385 | 5.416 | VV | 26856  | 336954  | 3.82%  | 0.099% |
| 50     | 5.433 | 5.416 | 5.485 | VV | 20215  | 586137  | 6.65%  | 0.172% |
|        |       |       |       |    |        |         |        |        |
| 51     | 5.512 | 5.485 | 5.524 | VV | 34284  | 488371  | 5.54%  | 0.144% |
| 52     | 5.536 | 5.524 | 5.562 | VV | 35995  | 499229  | 5.66%  | 0.147% |
| 53     | 5.579 | 5.562 | 5.616 | VV | 21798  | 476517  | 5.41%  | 0.140% |
| 54     | 5.645 | 5.616 | 5.655 | VV | 15139  | 312225  | 3.54%  | 0.092% |
| 55     | 5.662 | 5.655 | 5.675 | VV | 14799  | 174446  | 1.98%  | 0.051% |
|        |       |       |       |    |        |         |        |        |
| 56     | 5.696 | 5.675 | 5.712 | VV | 50426  | 654964  | 7.43%  | 0.193% |
| 57     | 5.723 | 5.712 | 5.755 | VV | 33412  | 532027  | 6.03%  | 0.156% |
| 58     | 5.806 | 5.755 | 5.832 | VV | 47271  | 1187457 | 13.47% | 0.349% |
| 59     | 5.853 | 5.832 | 5.889 | VV | 28707  | 640923  | 7.27%  | 0.188% |
| 60     | 5.918 | 5.889 | 5.943 | VV | 30423  | 614491  | 6.97%  | 0.181% |
|        |       |       |       |    |        |         |        |        |
| 61     | 5.967 | 5.943 | 5.988 | VV | 32764  | 514301  | 5.83%  | 0.151% |
| 62     | 6.016 | 5.988 | 6.070 | VV | 34480  | 1102304 | 12.50% | 0.324% |
| 63     | 6.089 | 6.070 | 6.127 | VV | 37269  | 876353  | 9.94%  | 0.258% |
| 64     | 6.163 | 6.127 | 6.174 | VV | 29389  | 625672  | 7.10%  | 0.184% |
| 65     | 6.192 | 6.174 | 6.220 | VV | 60358  | 1004033 | 11.39% | 0.295% |
|        |       |       |       |    |        |         |        |        |
| 66     | 6.239 | 6.220 | 6.261 | VV | 37302  | 685323  | 7.77%  | 0.201% |
| 67     | 6.277 | 6.261 | 6.291 | VV | 46949  | 626885  | 7.11%  | 0.184% |
| 68     | 6.313 | 6.291 | 6.350 | VV | 47192  | 1286182 | 14.59% | 0.378% |
| 69     | 6.372 | 6.350 | 6.392 | VV | 47492  | 849536  | 9.64%  | 0.250% |
| 70     | 6.429 | 6.392 | 6.462 | VV | 64072  | 1602274 | 18.17% | 0.471% |
|        |       |       |       |    |        |         |        |        |
| 71     | 6.474 | 6.462 | 6.495 | VV | 29529  | 545775  | 6.19%  | 0.160% |
| 72     | 6.512 | 6.495 | 6.538 | VV | 54762  | 896069  | 10.16% | 0.263% |
| 73     | 6.580 | 6.538 | 6.597 | VV | 49956  | 1145640 | 13.00% | 0.337% |
| 74     | 6.612 | 6.597 | 6.625 | VV | 38256  | 565986  | 6.42%  | 0.166% |
| 75     | 6.638 | 6.625 | 6.663 | VV | 39267  | 775553  | 8.80%  | 0.228% |
|        |       |       |       |    |        |         |        |        |
| 76     | 6.688 | 6.663 | 6.708 | VV | 76117  | 1228443 | 13.93% | 0.361% |
| 77     | 6.743 | 6.708 | 6.751 | VV | 41948  | 847467  | 9.61%  | 0.249% |
| 78     | 6.771 | 6.751 | 6.790 | VV | 71561  | 1170278 | 13.27% | 0.344% |
| 79     | 6.816 | 6.790 | 6.839 | VV | 64605  | 1366248 | 15.50% | 0.402% |
| 80     | 6.847 | 6.839 | 6.857 | VV | 34538  | 340369  | 3.86%  | 0.100% |
|        |       |       |       |    |        |         |        |        |
| 81     | 6.894 | 6.857 | 6.915 | VV | 88594  | 1797076 | 20.38% | 0.528% |
| 82     | 6.932 | 6.915 | 6.941 | VV | 41732  | 544566  | 6.18%  | 0.160% |
| 83     | 6.952 | 6.941 | 6.981 | VV | 44105  | 907010  | 10.29% | 0.267% |
| 84     | 7.015 | 6.981 | 7.034 | VV | 77109  | 1710983 | 19.41% | 0.503% |
| 85     | 7.054 | 7.034 | 7.086 | VV | 100962 | 1879292 | 21.32% | 0.552% |
|        |       |       |       |    |        |         |        |        |
| 86     | 7.105 | 7.086 | 7.114 | VV | 69413  | 892970  | 10.13% | 0.262% |
| 87     | 7.127 | 7.114 | 7.152 | VV | 79407  | 1275353 | 14.47% | 0.375% |
| 88     | 7.166 | 7.152 | 7.175 | VV | 48162  | 582066  | 6.60%  | 0.171% |
| 89     | 7.196 | 7.175 | 7.240 | VV | 173119 | 3213490 | 36.45% | 0.945% |

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|--------|-------|-------|-------|----|--------|---------|---------|--------|
| 90     | 7.260 | 7.240 | 7.280 | VV | 64814  | 1271174 | 14.42%  | 0.374% |
| 91     | 7.298 | 7.280 | 7.335 | VV | 64849  | 1508027 | 17.11%  | 0.443% |
| 92     | 7.351 | 7.335 | 7.365 | VV | 48408  | 789031  | 8.95%   | 0.232% |
| 93     | 7.401 | 7.365 | 7.445 | VV | 128109 | 3549470 | 40.26%  | 1.043% |
| 94     | 7.462 | 7.445 | 7.501 | VV | 86164  | 2323654 | 26.36%  | 0.683% |
| 95     | 7.510 | 7.501 | 7.536 | VV | 62028  | 1033373 | 11.72%  | 0.304% |
| 96     | 7.558 | 7.536 | 7.569 | VV | 45117  | 807510  | 9.16%   | 0.237% |
| 97     | 7.594 | 7.569 | 7.629 | VV | 102796 | 2505525 | 28.42%  | 0.736% |
| 98     | 7.645 | 7.629 | 7.664 | VV | 79115  | 1243961 | 14.11%  | 0.366% |
| 99     | 7.690 | 7.664 | 7.702 | VV | 53032  | 1065078 | 12.08%  | 0.313% |
| 100    | 7.733 | 7.702 | 7.794 | VV | 628874 | 8815886 | 100.00% | 2.591% |
| 101    | 7.809 | 7.794 | 7.820 | VV | 56367  | 775862  | 8.80%   | 0.228% |
| 102    | 7.854 | 7.820 | 7.870 | VV | 66239  | 1762954 | 20.00%  | 0.518% |
| 103    | 7.887 | 7.870 | 7.907 | VV | 67594  | 1307043 | 14.83%  | 0.384% |
| 104    | 7.936 | 7.907 | 7.956 | VV | 77361  | 1797574 | 20.39%  | 0.528% |
| 105    | 7.997 | 7.956 | 8.007 | VV | 76142  | 1987550 | 22.55%  | 0.584% |
| 106    | 8.027 | 8.007 | 8.038 | VV | 119404 | 1774739 | 20.13%  | 0.522% |
| 107    | 8.048 | 8.038 | 8.077 | VV | 115678 | 1896883 | 21.52%  | 0.558% |
| 108    | 8.110 | 8.077 | 8.155 | VV | 223963 | 4625106 | 52.46%  | 1.360% |
| 109    | 8.170 | 8.155 | 8.184 | VV | 60387  | 1019533 | 11.56%  | 0.300% |
| 110    | 8.218 | 8.184 | 8.234 | VV | 132318 | 2836435 | 32.17%  | 0.834% |
| 111    | 8.246 | 8.234 | 8.264 | VV | 104259 | 1616000 | 18.33%  | 0.475% |
| 112    | 8.276 | 8.264 | 8.294 | VV | 85590  | 1358238 | 15.41%  | 0.399% |
| 113    | 8.309 | 8.294 | 8.349 | VV | 94663  | 2463851 | 27.95%  | 0.724% |
| 114    | 8.370 | 8.349 | 8.381 | VV | 97324  | 1539898 | 17.47%  | 0.453% |
| 115    | 8.394 | 8.381 | 8.423 | VV | 102216 | 1977449 | 22.43%  | 0.581% |
| 116    | 8.457 | 8.423 | 8.472 | VV | 116695 | 2183925 | 24.77%  | 0.642% |
| 117    | 8.483 | 8.472 | 8.493 | VV | 84906  | 1026786 | 11.65%  | 0.302% |
| 118    | 8.515 | 8.493 | 8.551 | VV | 118837 | 2949341 | 33.45%  | 0.867% |
| 119    | 8.604 | 8.551 | 8.627 | VV | 420590 | 6398214 | 72.58%  | 1.881% |
| 120    | 8.649 | 8.627 | 8.671 | VV | 80397  | 1817620 | 20.62%  | 0.534% |
| 121    | 8.683 | 8.671 | 8.698 | VV | 82146  | 1229104 | 13.94%  | 0.361% |
| 122    | 8.710 | 8.698 | 8.722 | VV | 73236  | 1009254 | 11.45%  | 0.297% |
| 123    | 8.753 | 8.722 | 8.781 | VV | 117218 | 2870143 | 32.56%  | 0.844% |
| 124    | 8.825 | 8.781 | 8.849 | VV | 148446 | 4227329 | 47.95%  | 1.243% |
| 125    | 8.861 | 8.849 | 8.876 | VV | 76017  | 1095943 | 12.43%  | 0.322% |
| 126    | 8.905 | 8.876 | 8.918 | VV | 72447  | 1729048 | 19.61%  | 0.508% |
| 127    | 8.937 | 8.918 | 8.957 | VV | 181658 | 2813801 | 31.92%  | 0.827% |
| 128    | 8.972 | 8.957 | 8.992 | VV | 108986 | 1839599 | 20.87%  | 0.541% |
| 129    | 9.007 | 8.992 | 9.024 | VV | 80495  | 1346207 | 15.27%  | 0.396% |
| 130    | 9.061 | 9.024 | 9.091 | VV | 116695 | 3276524 | 37.17%  | 0.963% |
| 131    | 9.108 | 9.091 | 9.123 | VV | 127474 | 1843704 | 20.91%  | 0.542% |
| 132    | 9.148 | 9.123 | 9.181 | VV | 154238 | 3406172 | 38.64%  | 1.001% |
| 133    | 9.196 | 9.181 | 9.228 | VV | 76342  | 1901090 | 21.56%  | 0.559% |
| 134    | 9.264 | 9.228 | 9.282 | VV | 162069 | 3071253 | 34.84%  | 0.903% |
| 135    | 9.296 | 9.282 | 9.328 | VV | 112117 | 2250690 | 25.53%  | 0.662% |
| 136    | 9.345 | 9.328 | 9.361 | VV | 82513  | 1419437 | 16.10%  | 0.417% |
| 137    | 9.401 | 9.361 | 9.425 | VV | 166767 | 3829051 | 43.43%  | 1.126% |
| 138    | 9.443 | 9.425 | 9.456 | VV | 82767  | 1430472 | 16.23%  | 0.420% |
| 139    | 9.483 | 9.456 | 9.496 | VV | 91783  | 1832197 | 20.78%  | 0.539% |
| 140    | 9.511 | 9.496 | 9.531 | VV | 102832 | 1704346 | 19.33%  | 0.501% |
| 141    | 9.564 | 9.531 | 9.593 | VV | 184466 | 4083900 | 46.32%  | 1.200% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 9.604  | 9.593  | 9.617  | VV | 85432  | 1141801 | 12.95% | 0.336% |
| 143    | 9.635  | 9.617  | 9.644  | VV | 98964  | 1381068 | 15.67% | 0.406% |
| 144    | 9.662  | 9.644  | 9.675  | VV | 141417 | 2153325 | 24.43% | 0.633% |
| 145    | 9.687  | 9.675  | 9.705  | VV | 138006 | 1978713 | 22.44% | 0.582% |
| 146    | 9.718  | 9.705  | 9.749  | VV | 91566  | 2184838 | 24.78% | 0.642% |
| 147    | 9.768  | 9.749  | 9.786  | VV | 75417  | 1518556 | 17.23% | 0.446% |
| 148    | 9.809  | 9.786  | 9.829  | VV | 108338 | 2340579 | 26.55% | 0.688% |
| 149    | 9.854  | 9.829  | 9.876  | VV | 123120 | 2854964 | 32.38% | 0.839% |
| 150    | 9.905  | 9.876  | 9.947  | VV | 115732 | 3778594 | 42.86% | 1.111% |
| 151    | 9.969  | 9.947  | 9.981  | VV | 75611  | 1495170 | 16.96% | 0.440% |
| 152    | 10.001 | 9.981  | 10.038 | VV | 90584  | 2506415 | 28.43% | 0.737% |
| 153    | 10.068 | 10.038 | 10.115 | VV | 118431 | 3688087 | 41.83% | 1.084% |
| 154    | 10.124 | 10.115 | 10.146 | VV | 65464  | 1124810 | 12.76% | 0.331% |
| 155    | 10.169 | 10.146 | 10.187 | VV | 81231  | 1636543 | 18.56% | 0.481% |
| 156    | 10.226 | 10.187 | 10.258 | VV | 113877 | 3253710 | 36.91% | 0.956% |
| 157    | 10.280 | 10.258 | 10.310 | VV | 146037 | 3021124 | 34.27% | 0.888% |
| 158    | 10.339 | 10.310 | 10.351 | VV | 134891 | 2464899 | 27.96% | 0.725% |
| 159    | 10.361 | 10.351 | 10.387 | VV | 134193 | 2189961 | 24.84% | 0.644% |
| 160    | 10.407 | 10.387 | 10.454 | VV | 175908 | 4097091 | 46.47% | 1.204% |
| 161    | 10.481 | 10.454 | 10.522 | VV | 115546 | 3885792 | 44.08% | 1.142% |
| 162    | 10.546 | 10.522 | 10.594 | VV | 115348 | 3998331 | 45.35% | 1.175% |
| 163    | 10.616 | 10.594 | 10.635 | VV | 99240  | 2216978 | 25.15% | 0.652% |
| 164    | 10.650 | 10.635 | 10.671 | VV | 104358 | 1915326 | 21.73% | 0.563% |
| 165    | 10.703 | 10.671 | 10.733 | VV | 245497 | 5076208 | 57.58% | 1.492% |
| 166    | 10.752 | 10.733 | 10.800 | VV | 86836  | 3004980 | 34.09% | 0.883% |
| 167    | 10.845 | 10.800 | 10.861 | VV | 79972  | 2556438 | 29.00% | 0.751% |
| 168    | 10.886 | 10.861 | 10.933 | VV | 100654 | 3286100 | 37.27% | 0.966% |
| 169    | 10.965 | 10.933 | 11.000 | VV | 80161  | 2708525 | 30.72% | 0.796% |
| 170    | 11.023 | 11.000 | 11.047 | VV | 76353  | 1822572 | 20.67% | 0.536% |
| 171    | 11.064 | 11.047 | 11.081 | VV | 68099  | 1263904 | 14.34% | 0.372% |
| 172    | 11.103 | 11.081 | 11.124 | VV | 81828  | 1791175 | 20.32% | 0.527% |
| 173    | 11.162 | 11.124 | 11.173 | VV | 69287  | 1910526 | 21.67% | 0.562% |
| 174    | 11.196 | 11.173 | 11.217 | VV | 100240 | 2051679 | 23.27% | 0.603% |
| 175    | 11.240 | 11.217 | 11.264 | VV | 95083  | 2247791 | 25.50% | 0.661% |
| 176    | 11.280 | 11.264 | 11.306 | VV | 90670  | 1947265 | 22.09% | 0.572% |
| 177    | 11.313 | 11.306 | 11.344 | VV | 73365  | 1555240 | 17.64% | 0.457% |
| 178    | 11.364 | 11.344 | 11.393 | VV | 84325  | 2160511 | 24.51% | 0.635% |
| 179    | 11.423 | 11.393 | 11.454 | VV | 155255 | 3770998 | 42.78% | 1.108% |
| 180    | 11.483 | 11.454 | 11.506 | VV | 73069  | 1864353 | 21.15% | 0.548% |
| 181    | 11.536 | 11.506 | 11.560 | VV | 81561  | 2153615 | 24.43% | 0.633% |
| 182    | 11.576 | 11.560 | 11.611 | VV | 66610  | 1843095 | 20.91% | 0.542% |
| 183    | 11.657 | 11.611 | 11.677 | VV | 437521 | 6293580 | 71.39% | 1.850% |
| 184    | 11.691 | 11.677 | 11.706 | VV | 98523  | 1371192 | 15.55% | 0.403% |
| 185    | 11.721 | 11.706 | 11.757 | VV | 118485 | 2169437 | 24.61% | 0.638% |
| 186    | 11.784 | 11.757 | 11.817 | VV | 59291  | 1892756 | 21.47% | 0.556% |
| 187    | 11.840 | 11.817 | 11.857 | VV | 99229  | 1691576 | 19.19% | 0.497% |
| 188    | 11.874 | 11.857 | 11.920 | VV | 86651  | 2443254 | 27.71% | 0.718% |
| 189    | 11.940 | 11.920 | 11.957 | VV | 57401  | 1158805 | 13.14% | 0.341% |
| 190    | 11.984 | 11.957 | 12.008 | VV | 84464  | 2011107 | 22.81% | 0.591% |
| 191    | 12.027 | 12.008 | 12.050 | VV | 69467  | 1432100 | 16.24% | 0.421% |
| 192    | 12.065 | 12.050 | 12.073 | VV | 49732  | 679010  | 7.70%  | 0.200% |
| 193    | 12.094 | 12.073 | 12.114 | VV | 76051  | 1408375 | 15.98% | 0.414% |
| 194    | 12.127 | 12.114 | 12.144 | VV | 49923  | 860711  | 9.76%  | 0.253% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.159 | 12.144 | 12.173 | VV | 46278  | 789512  | 8.96%  | 0.232% |
| 196 | 12.190 | 12.173 | 12.204 | VV | 56028  | 900539  | 10.21% | 0.265% |
| 197 | 12.224 | 12.204 | 12.275 | VV | 69985  | 2303607 | 26.13% | 0.677% |
| 198 | 12.305 | 12.275 | 12.326 | VV | 52542  | 1301828 | 14.77% | 0.383% |
| 199 | 12.367 | 12.326 | 12.396 | VV | 52504  | 1784276 | 20.24% | 0.524% |
| 200 | 12.434 | 12.396 | 12.455 | VV | 59485  | 1652368 | 18.74% | 0.486% |
| 201 | 12.480 | 12.455 | 12.518 | VV | 82627  | 2190530 | 24.85% | 0.644% |
| 202 | 12.529 | 12.518 | 12.540 | VV | 40027  | 519908  | 5.90%  | 0.153% |
| 203 | 12.559 | 12.540 | 12.567 | VV | 46751  | 694342  | 7.88%  | 0.204% |
| 204 | 12.591 | 12.567 | 12.611 | VV | 114023 | 1961891 | 22.25% | 0.577% |
| 205 | 12.626 | 12.611 | 12.642 | VV | 69458  | 1095842 | 12.43% | 0.322% |
| 206 | 12.655 | 12.642 | 12.683 | VV | 60975  | 1206540 | 13.69% | 0.355% |
| 207 | 12.703 | 12.683 | 12.748 | VV | 57233  | 1666244 | 18.90% | 0.490% |
| 208 | 12.760 | 12.748 | 12.773 | VV | 32744  | 475660  | 5.40%  | 0.140% |
| 209 | 12.831 | 12.773 | 12.853 | VV | 58253  | 1847254 | 20.95% | 0.543% |
| 210 | 12.861 | 12.853 | 12.878 | VV | 31025  | 437017  | 4.96%  | 0.128% |
| 211 | 12.898 | 12.878 | 12.910 | VV | 34407  | 607865  | 6.90%  | 0.179% |
| 212 | 12.922 | 12.910 | 12.938 | VV | 32688  | 520529  | 5.90%  | 0.153% |
| 213 | 12.958 | 12.938 | 12.978 | VV | 32827  | 713199  | 8.09%  | 0.210% |
| 214 | 13.000 | 12.978 | 13.047 | VV | 42040  | 1302923 | 14.78% | 0.383% |
| 215 | 13.088 | 13.047 | 13.118 | VV | 318960 | 4539882 | 51.50% | 1.334% |
| 216 | 13.141 | 13.118 | 13.163 | VV | 42979  | 968211  | 10.98% | 0.285% |
| 217 | 13.177 | 13.163 | 13.201 | VV | 34399  | 725938  | 8.23%  | 0.213% |
| 218 | 13.211 | 13.201 | 13.234 | VV | 30343  | 512021  | 5.81%  | 0.151% |
| 219 | 13.289 | 13.234 | 13.314 | VV | 40672  | 1440674 | 16.34% | 0.423% |
| 220 | 13.335 | 13.314 | 13.365 | VV | 50378  | 1046344 | 11.87% | 0.308% |
| 221 | 13.371 | 13.365 | 13.380 | VV | 22877  | 207749  | 2.36%  | 0.061% |
| 222 | 13.399 | 13.380 | 13.414 | VV | 34829  | 576218  | 6.54%  | 0.169% |
| 223 | 13.432 | 13.414 | 13.454 | VV | 34717  | 663084  | 7.52%  | 0.195% |
| 224 | 13.475 | 13.454 | 13.493 | VV | 28351  | 549090  | 6.23%  | 0.161% |
| 225 | 13.525 | 13.493 | 13.545 | VV | 23848  | 690772  | 7.84%  | 0.203% |
| 226 | 13.551 | 13.545 | 13.569 | VV | 22986  | 309990  | 3.52%  | 0.091% |
| 227 | 13.587 | 13.569 | 13.613 | VV | 23934  | 545036  | 6.18%  | 0.160% |
| 228 | 13.633 | 13.613 | 13.676 | VV | 19369  | 646387  | 7.33%  | 0.190% |
| 229 | 13.698 | 13.676 | 13.721 | VV | 18798  | 472224  | 5.36%  | 0.139% |
| 230 | 13.740 | 13.721 | 13.766 | VV | 20744  | 505240  | 5.73%  | 0.149% |
| 231 | 13.784 | 13.766 | 13.815 | VV | 23035  | 560364  | 6.36%  | 0.165% |
| 232 | 13.826 | 13.815 | 13.841 | VV | 15323  | 225051  | 2.55%  | 0.066% |
| 233 | 13.862 | 13.841 | 13.893 | VV | 18903  | 516288  | 5.86%  | 0.152% |
| 234 | 13.910 | 13.893 | 13.933 | VV | 16034  | 351059  | 3.98%  | 0.103% |
| 235 | 13.952 | 13.933 | 14.023 | VV | 14579  | 686908  | 7.79%  | 0.202% |
| 236 | 14.049 | 14.023 | 14.115 | VV | 13720  | 638422  | 7.24%  | 0.188% |
| 237 | 14.152 | 14.115 | 14.182 | VV | 11600  | 416465  | 4.72%  | 0.122% |
| 238 | 14.207 | 14.182 | 14.228 | VV | 13189  | 298918  | 3.39%  | 0.088% |
| 239 | 14.244 | 14.228 | 14.288 | VV | 9774   | 336652  | 3.82%  | 0.099% |
| 240 | 14.308 | 14.288 | 14.343 | VV | 10094  | 299522  | 3.40%  | 0.088% |
| 241 | 14.358 | 14.343 | 14.375 | VV | 8511   | 148645  | 1.69%  | 0.044% |
| 242 | 14.401 | 14.375 | 14.438 | VV | 10356  | 325324  | 3.69%  | 0.096% |
| 243 | 14.452 | 14.438 | 14.483 | VV | 8322   | 205912  | 2.34%  | 0.061% |
| 244 | 14.499 | 14.483 | 14.517 | VV | 7682   | 150056  | 1.70%  | 0.044% |
| 245 | 14.528 | 14.517 | 14.552 | VV | 7530   | 148142  | 1.68%  | 0.044% |
| 246 | 14.564 | 14.552 | 14.581 | VV | 6368   | 103919  | 1.18%  | 0.031% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 247 | 14.612 | 14.581 | 14.638 | VV | 6089   | 190444 | 2.16% | 0.056% |
| 248 | 14.653 | 14.638 | 14.671 | VV | 5353   | 103704 | 1.18% | 0.030% |
| 249 | 14.686 | 14.671 | 14.738 | VV | 5540   | 192487 | 2.18% | 0.057% |
| 250 | 14.754 | 14.738 | 14.773 | VV | 4318   | 87267  | 0.99% | 0.026% |
| 251 | 14.789 | 14.773 | 14.817 | VV | 4122   | 103522 | 1.17% | 0.030% |
| 252 | 14.839 | 14.817 | 14.858 | VV | 4094   | 93443  | 1.06% | 0.027% |
| 253 | 14.875 | 14.858 | 14.902 | VV | 4463   | 104380 | 1.18% | 0.031% |
| 254 | 14.939 | 14.902 | 14.971 | VV | 4977   | 152765 | 1.73% | 0.045% |
| 255 | 14.977 | 14.971 | 14.997 | VV | 3119   | 45569  | 0.52% | 0.013% |
| 256 | 15.027 | 14.997 | 15.069 | VV | 3329   | 123623 | 1.40% | 0.036% |
| 257 | 15.079 | 15.069 | 15.150 | VV | 2611   | 99450  | 1.13% | 0.029% |
| 258 | 15.182 | 15.150 | 15.211 | VV | 2217   | 69525  | 0.79% | 0.020% |
| 259 | 15.220 | 15.211 | 15.263 | VV | 1678   | 47055  | 0.53% | 0.014% |
| 260 | 15.275 | 15.263 | 15.292 | VV | 1616   | 25536  | 0.29% | 0.008% |
| 261 | 15.325 | 15.292 | 15.428 | VV | 9491   | 229537 | 2.60% | 0.067% |
| 262 | 15.459 | 15.428 | 15.488 | VV | 3958   | 71881  | 0.82% | 0.021% |
| 263 | 15.508 | 15.488 | 15.520 | VV | 1331   | 22997  | 0.26% | 0.007% |
| 264 | 15.542 | 15.520 | 15.575 | VV | 1886   | 42627  | 0.48% | 0.013% |
| 265 | 15.590 | 15.575 | 15.630 | VV | 819    | 22850  | 0.26% | 0.007% |
| 266 | 15.676 | 15.630 | 15.755 | VV | 972    | 59936  | 0.68% | 0.018% |
| 267 | 15.778 | 15.755 | 15.825 | VV | 929    | 31672  | 0.36% | 0.009% |
| 268 | 15.851 | 15.825 | 15.872 | VV | 818    | 19692  | 0.22% | 0.006% |
| 269 | 15.885 | 15.872 | 15.902 | VV | 751    | 10785  | 0.12% | 0.003% |
| 270 | 15.916 | 15.902 | 15.929 | VV | 653    | 8694   | 0.10% | 0.003% |
| 271 | 15.960 | 15.929 | 15.991 | VV | 3362   | 55314  | 0.63% | 0.016% |
| 272 | 15.999 | 15.991 | 16.045 | VV | 844    | 19335  | 0.22% | 0.006% |
| 273 | 16.053 | 16.045 | 16.108 | VV | 427    | 10920  | 0.12% | 0.003% |
| 274 | 16.156 | 16.108 | 16.178 | VV | 833    | 17947  | 0.20% | 0.005% |
| 275 | 16.188 | 16.178 | 16.211 | VV | 563    | 5772   | 0.07% | 0.002% |
| 276 | 16.273 | 16.211 | 16.311 | PV | 724    | 23635  | 0.27% | 0.007% |
| 277 | 16.346 | 16.311 | 16.387 | VV | 1183   | 24903  | 0.28% | 0.007% |
| 278 | 16.443 | 16.387 | 16.503 | PV | 3971   | 69941  | 0.79% | 0.021% |
| 279 | 16.530 | 16.503 | 16.548 | VV | 805    | 11753  | 0.13% | 0.003% |
| 280 | 16.572 | 16.548 | 16.612 | VV | 2846   | 45214  | 0.51% | 0.013% |
| 281 | 16.663 | 16.612 | 16.700 | VV | 612    | 21549  | 0.24% | 0.006% |
| 282 | 16.754 | 16.700 | 16.781 | VV | 984    | 25471  | 0.29% | 0.007% |
| 283 | 16.811 | 16.781 | 16.858 | VV | 885    | 19945  | 0.23% | 0.006% |
| 284 | 16.911 | 16.858 | 16.935 | VV | 4010   | 60844  | 0.69% | 0.018% |
| 285 | 16.961 | 16.935 | 17.011 | VV | 2451   | 47070  | 0.53% | 0.014% |
| 286 | 17.025 | 17.011 | 17.070 | VV | 401    | 6172   | 0.07% | 0.002% |
| 287 | 17.102 | 17.070 | 17.117 | PV | 549    | 9007   | 0.10% | 0.003% |
| 288 | 17.128 | 17.117 | 17.135 | VV | 489    | 4600   | 0.05% | 0.001% |
| 289 | 17.154 | 17.135 | 17.168 | VV | 733    | 10181  | 0.12% | 0.003% |
| 290 | 17.179 | 17.168 | 17.192 | VV | 539    | 7060   | 0.08% | 0.002% |
| 291 | 17.201 | 17.192 | 17.217 | VV | 577    | 5942   | 0.07% | 0.002% |
| 292 | 17.315 | 17.217 | 17.326 | VV | 505    | 25753  | 0.29% | 0.008% |
| 293 | 17.361 | 17.326 | 17.391 | VV | 3909   | 57210  | 0.65% | 0.017% |
| 294 | 17.412 | 17.391 | 17.423 | VV | 248    | 3578   | 0.04% | 0.001% |
| 295 | 17.487 | 17.423 | 17.511 | VV | 720    | 18464  | 0.21% | 0.005% |
| 296 | 17.542 | 17.511 | 17.571 | PV | 519    | 9166   | 0.10% | 0.003% |
| 297 | 17.608 | 17.571 | 17.618 | VV | 279    | 3418   | 0.04% | 0.001% |
| 298 | 17.648 | 17.618 | 17.659 | PV | 263    | 4317   | 0.05% | 0.001% |
| 299 | 17.664 | 17.659 | 17.681 | VV | 254    | 1693   | 0.02% | 0.000% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 300 | 17.730 | 17.681 | 17.747 | VV | 424    | 10797  | 0.12%  | 0.003% |
| 301 | 17.798 | 17.747 | 17.830 | VV | 5089   | 85613  | 0.97%  | 0.025% |
| 302 | 17.858 | 17.830 | 17.879 | VV | 539    | 9043   | 0.10%  | 0.003% |
| 303 | 17.957 | 17.879 | 18.015 | VV | 1581   | 49723  | 0.56%  | 0.015% |
| 304 | 18.030 | 18.015 | 18.045 | VV | 463    | 6371   | 0.07%  | 0.002% |
| 305 | 18.072 | 18.045 | 18.105 | VV | 661    | 15582  | 0.18%  | 0.005% |
| 306 | 18.128 | 18.105 | 18.141 | VV | 821    | 14959  | 0.17%  | 0.004% |
| 307 | 18.164 | 18.141 | 18.197 | VV | 4256   | 83271  | 0.94%  | 0.024% |
| 308 | 18.221 | 18.197 | 18.250 | VV | 5604   | 80258  | 0.91%  | 0.024% |
| 309 | 18.320 | 18.250 | 18.371 | VV | 2720   | 59701  | 0.68%  | 0.018% |
| 310 | 18.435 | 18.371 | 18.458 | VV | 944    | 25999  | 0.29%  | 0.008% |
| 311 | 18.486 | 18.458 | 18.505 | VV | 848    | 19402  | 0.22%  | 0.006% |
| 312 | 18.527 | 18.505 | 18.541 | VV | 774    | 14813  | 0.17%  | 0.004% |
| 313 | 18.589 | 18.541 | 18.597 | VV | 882    | 25177  | 0.29%  | 0.007% |
| 314 | 18.629 | 18.597 | 18.681 | VV | 6018   | 119856 | 1.36%  | 0.035% |
| 315 | 18.746 | 18.681 | 18.781 | VV | 2114   | 74693  | 0.85%  | 0.022% |
| 316 | 18.793 | 18.781 | 18.860 | VV | 1675   | 45047  | 0.51%  | 0.013% |
| 317 | 18.919 | 18.860 | 18.938 | VV | 1315   | 51028  | 0.58%  | 0.015% |
| 318 | 18.995 | 18.938 | 19.012 | VV | 7259   | 144256 | 1.64%  | 0.042% |
| 319 | 19.026 | 19.012 | 19.099 | VV | 5974   | 151378 | 1.72%  | 0.044% |
| 320 | 19.145 | 19.099 | 19.165 | VV | 2037   | 64203  | 0.73%  | 0.019% |
| 321 | 19.191 | 19.165 | 19.203 | VV | 2092   | 43766  | 0.50%  | 0.013% |
| 322 | 19.229 | 19.203 | 19.254 | VV | 3010   | 72118  | 0.82%  | 0.021% |
| 323 | 19.273 | 19.254 | 19.289 | VV | 2350   | 43786  | 0.50%  | 0.013% |
| 324 | 19.315 | 19.289 | 19.343 | VV | 2370   | 69153  | 0.78%  | 0.020% |
| 325 | 19.359 | 19.343 | 19.371 | VV | 2030   | 32676  | 0.37%  | 0.010% |
| 326 | 19.411 | 19.371 | 19.438 | VV | 5977   | 130218 | 1.48%  | 0.038% |
| 327 | 19.458 | 19.438 | 19.471 | VV | 2728   | 49370  | 0.56%  | 0.015% |
| 328 | 19.483 | 19.471 | 19.498 | VV | 2731   | 41982  | 0.48%  | 0.012% |
| 329 | 19.525 | 19.498 | 19.562 | VV | 3276   | 111080 | 1.26%  | 0.033% |
| 330 | 19.591 | 19.562 | 19.619 | VV | 2849   | 86021  | 0.98%  | 0.025% |
| 331 | 19.652 | 19.619 | 19.665 | VV | 2899   | 70705  | 0.80%  | 0.021% |
| 332 | 19.701 | 19.665 | 19.748 | VV | 4076   | 160177 | 1.82%  | 0.047% |
| 333 | 19.785 | 19.748 | 19.827 | VV | 6541   | 205994 | 2.34%  | 0.061% |
| 334 | 19.845 | 19.827 | 19.854 | VV | 3679   | 56919  | 0.65%  | 0.017% |
| 335 | 19.965 | 19.854 | 19.985 | VV | 5120   | 324131 | 3.68%  | 0.095% |
| 336 | 20.038 | 19.985 | 20.061 | VV | 6520   | 252727 | 2.87%  | 0.074% |
| 337 | 20.072 | 20.061 | 20.090 | VV | 5337   | 88654  | 1.01%  | 0.026% |
| 338 | 20.150 | 20.090 | 20.171 | VV | 8565   | 299229 | 3.39%  | 0.088% |
| 339 | 20.194 | 20.171 | 20.220 | VV | 7099   | 192501 | 2.18%  | 0.057% |
| 340 | 20.317 | 20.220 | 20.350 | VV | 12999  | 606003 | 6.87%  | 0.178% |
| 341 | 20.369 | 20.350 | 20.388 | VV | 7693   | 172827 | 1.96%  | 0.051% |
| 342 | 20.399 | 20.388 | 20.405 | VV | 7259   | 72401  | 0.82%  | 0.021% |
| 343 | 20.507 | 20.405 | 20.611 | VV | 10339  | 942659 | 10.69% | 0.277% |
| 344 | 20.620 | 20.611 | 20.648 | VV | 5974   | 126760 | 1.44%  | 0.037% |
| 345 | 20.673 | 20.648 | 20.711 | VV | 7156   | 263110 | 2.98%  | 0.077% |
| 346 | 20.742 | 20.711 | 20.775 | VV | 5208   | 194375 | 2.20%  | 0.057% |
| 347 | 20.783 | 20.775 | 20.868 | VV | 5047   | 254715 | 2.89%  | 0.075% |
| 348 | 20.895 | 20.868 | 20.950 | VV | 5408   | 201334 | 2.28%  | 0.059% |
| 349 | 21.001 | 20.950 | 21.032 | VV | 3363   | 156134 | 1.77%  | 0.046% |
| 350 | 21.039 | 21.032 | 21.045 | VV | 3177   | 24015  | 0.27%  | 0.007% |
| 351 | 21.072 | 21.045 | 21.121 | VV | 3276   | 138884 | 1.58%  | 0.041% |

|     |        |        |        |    |        |        |       |        |  |
|-----|--------|--------|--------|----|--------|--------|-------|--------|--|
|     |        |        |        |    | rteres |        |       |        |  |
| 352 | 21.135 | 21.121 | 21.181 | VV | 2918   | 97748  | 1.11% | 0.029% |  |
| 353 | 21.224 | 21.181 | 21.285 | VV | 3845   | 166454 | 1.89% | 0.049% |  |
| 354 | 21.336 | 21.285 | 21.405 | VV | 3068   | 155389 | 1.76% | 0.046% |  |
| 355 | 21.416 | 21.405 | 21.461 | VV | 1872   | 57825  | 0.66% | 0.017% |  |
| 356 | 21.471 | 21.461 | 21.543 | VV | 1681   | 57818  | 0.66% | 0.017% |  |
| 357 | 21.571 | 21.543 | 21.628 | VV | 979    | 38651  | 0.44% | 0.011% |  |
| 358 | 21.637 | 21.628 | 21.687 | VV | 534    | 11220  | 0.13% | 0.003% |  |
| 359 | 21.698 | 21.687 | 21.721 | PV | 274    | 2814   | 0.03% | 0.001% |  |
| 360 | 21.871 | 21.721 | 21.918 | VV | 1786   | 81332  | 0.92% | 0.024% |  |

Sum of corrected areas: 340196597

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