

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC110420AL\  
 Data File : FC050569.D  
 Signal(s) : FID1A.CH  
 Acq On : 04 Nov 2020 21:39  
 Sample : L4613-04  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 110220.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         | 3.368       | 3.342        | 3.407      | BV       | 1920           | 19079        | 0.09%          | 0.003%        |
| 2         | 3.416       | 3.407        | 3.431      | VV       | 210            | 1431         | 0.01%          | 0.000%        |
| 3         | 3.448       | 3.431        | 3.533      | PV       | 3435           | 51549        | 0.23%          | 0.008%        |
| 4         | 3.565       | 3.533        | 3.600      | VV       | 386            | 8389         | 0.04%          | 0.001%        |
| 5         | 3.639       | 3.600        | 3.654      | PV       | 340            | 6819         | 0.03%          | 0.001%        |
| 6         | 3.657       | 3.654        | 3.720      | VV       | 432            | 7888         | 0.04%          | 0.001%        |
| 7         | 3.748       | 3.720        | 3.774      | VV       | 1024           | 13726        | 0.06%          | 0.002%        |
| 8         | 3.784       | 3.774        | 3.834      | VV       | 494            | 8970         | 0.04%          | 0.001%        |
| 9         | 3.840       | 3.834        | 3.849      | VV       | 206            | 1299         | 0.01%          | 0.000%        |
| 10        | 3.868       | 3.849        | 3.905      | VV       | 1340           | 18546        | 0.08%          | 0.003%        |
| 11        | 3.913       | 3.905        | 3.930      | VV       | 254            | 2572         | 0.01%          | 0.000%        |
| 12        | 3.954       | 3.930        | 4.009      | VV       | 935            | 13599        | 0.06%          | 0.002%        |
| 13        | 4.048       | 4.009        | 4.095      | PV       | 8677           | 125652       | 0.57%          | 0.020%        |
| 14        | 4.104       | 4.095        | 4.184      | VV       | 1186           | 43076        | 0.19%          | 0.007%        |
| 15        | 4.210       | 4.184        | 4.230      | VV       | 4664           | 56438        | 0.25%          | 0.009%        |
| 16        | 4.239       | 4.230        | 4.337      | VV       | 1567           | 45332        | 0.20%          | 0.007%        |
| 17        | 4.354       | 4.337        | 4.373      | VV       | 382            | 5945         | 0.03%          | 0.001%        |
| 18        | 4.397       | 4.373        | 4.420      | VV       | 417            | 8640         | 0.04%          | 0.001%        |
| 19        | 4.442       | 4.420        | 4.470      | VV       | 1431           | 18098        | 0.08%          | 0.003%        |
| 20        | 4.489       | 4.470        | 4.505      | VV       | 1199           | 13413        | 0.06%          | 0.002%        |
| 21        | 4.513       | 4.505        | 4.540      | VV       | 498            | 7438         | 0.03%          | 0.001%        |
| 22        | 4.559       | 4.540        | 4.569      | VV       | 355            | 4318         | 0.02%          | 0.001%        |
| 23        | 4.589       | 4.569        | 4.614      | VV       | 10077          | 102493       | 0.46%          | 0.016%        |
| 24        | 4.626       | 4.614        | 4.684      | VV       | 3277           | 59993        | 0.27%          | 0.009%        |
| 25        | 4.695       | 4.684        | 4.710      | VV       | 817            | 9566         | 0.04%          | 0.001%        |
| 26        | 4.726       | 4.710        | 4.762      | VV       | 882            | 15716        | 0.07%          | 0.002%        |
| 27        | 4.794       | 4.762        | 4.811      | VV       | 1244           | 22579        | 0.10%          | 0.004%        |
| 28        | 4.824       | 4.811        | 4.840      | VV       | 1241           | 15158        | 0.07%          | 0.002%        |
| 29        | 4.861       | 4.840        | 4.885      | VV       | 863            | 18130        | 0.08%          | 0.003%        |
| 30        | 4.900       | 4.885        | 4.935      | VV       | 1133           | 21824        | 0.10%          | 0.003%        |
| 31        | 4.946       | 4.935        | 4.957      | VV       | 426            | 4077         | 0.02%          | 0.001%        |
| 32        | 4.975       | 4.957        | 4.992      | VV       | 461            | 6621         | 0.03%          | 0.001%        |
| 33        | 5.047       | 4.992        | 5.070      | VV       | 643            | 20548        | 0.09%          | 0.003%        |
| 34        | 5.087       | 5.070        | 5.112      | VV       | 1185           | 20300        | 0.09%          | 0.003%        |
| 35        | 5.139       | 5.112        | 5.152      | VV       | 864            | 14679        | 0.07%          | 0.002%        |
| 36        | 5.165       | 5.152        | 5.177      | VV       | 1258           | 12728        | 0.06%          | 0.002%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.187 | 5.177 | 5.210 | VV | 1116   | 15494  | 0.07% | 0.002% |
| 38 | 5.218 | 5.210 | 5.265 | VV | 792    | 13377  | 0.06% | 0.002% |
| 39 | 5.304 | 5.265 | 5.337 | VV | 1304   | 25492  | 0.12% | 0.004% |
| 40 | 5.363 | 5.337 | 5.420 | VV | 1685   | 36319  | 0.16% | 0.006% |
|    |       |       |       |    |        |        |       |        |
| 41 | 5.432 | 5.420 | 5.454 | VV | 446    | 4630   | 0.02% | 0.001% |
| 42 | 5.482 | 5.454 | 5.500 | PV | 2869   | 35063  | 0.16% | 0.005% |
| 43 | 5.516 | 5.500 | 5.537 | VV | 1768   | 24463  | 0.11% | 0.004% |
| 44 | 5.549 | 5.537 | 5.580 | VV | 533    | 8065   | 0.04% | 0.001% |
| 45 | 5.597 | 5.580 | 5.605 | VV | 427    | 4911   | 0.02% | 0.001% |
|    |       |       |       |    |        |        |       |        |
| 46 | 5.614 | 5.605 | 5.647 | VV | 433    | 6780   | 0.03% | 0.001% |
| 47 | 5.671 | 5.647 | 5.687 | VV | 1922   | 24177  | 0.11% | 0.004% |
| 48 | 5.699 | 5.687 | 5.737 | VV | 2427   | 29482  | 0.13% | 0.005% |
| 49 | 5.769 | 5.737 | 5.805 | VV | 1761   | 36003  | 0.16% | 0.006% |
| 50 | 5.824 | 5.805 | 5.840 | VV | 835    | 9678   | 0.04% | 0.002% |
|    |       |       |       |    |        |        |       |        |
| 51 | 5.861 | 5.840 | 5.879 | VV | 1000   | 14731  | 0.07% | 0.002% |
| 52 | 5.899 | 5.879 | 5.916 | VV | 775    | 13941  | 0.06% | 0.002% |
| 53 | 5.935 | 5.916 | 5.960 | VV | 1332   | 19105  | 0.09% | 0.003% |
| 54 | 5.982 | 5.960 | 6.012 | VV | 767    | 15356  | 0.07% | 0.002% |
| 55 | 6.040 | 6.012 | 6.059 | VV | 2051   | 34247  | 0.15% | 0.005% |
|    |       |       |       |    |        |        |       |        |
| 56 | 6.076 | 6.059 | 6.095 | VV | 1211   | 18739  | 0.08% | 0.003% |
| 57 | 6.122 | 6.095 | 6.150 | VV | 1076   | 17308  | 0.08% | 0.003% |
| 58 | 6.174 | 6.150 | 6.199 | VV | 2248   | 36717  | 0.17% | 0.006% |
| 59 | 6.210 | 6.199 | 6.239 | VV | 934    | 16788  | 0.08% | 0.003% |
| 60 | 6.254 | 6.239 | 6.278 | VV | 948    | 14670  | 0.07% | 0.002% |
|    |       |       |       |    |        |        |       |        |
| 61 | 6.307 | 6.278 | 6.335 | VV | 1581   | 28260  | 0.13% | 0.004% |
| 62 | 6.349 | 6.335 | 6.364 | VV | 620    | 8365   | 0.04% | 0.001% |
| 63 | 6.404 | 6.364 | 6.432 | VV | 1185   | 28258  | 0.13% | 0.004% |
| 64 | 6.463 | 6.432 | 6.523 | VV | 4506   | 71226  | 0.32% | 0.011% |
| 65 | 6.553 | 6.523 | 6.565 | VV | 503    | 11343  | 0.05% | 0.002% |
|    |       |       |       |    |        |        |       |        |
| 66 | 6.581 | 6.565 | 6.590 | VV | 837    | 9738   | 0.04% | 0.002% |
| 67 | 6.612 | 6.590 | 6.632 | VV | 2073   | 29665  | 0.13% | 0.005% |
| 68 | 6.665 | 6.632 | 6.700 | VV | 1148   | 25269  | 0.11% | 0.004% |
| 69 | 6.745 | 6.700 | 6.765 | VV | 1672   | 29232  | 0.13% | 0.005% |
| 70 | 6.807 | 6.765 | 6.835 | PV | 951    | 22875  | 0.10% | 0.004% |
|    |       |       |       |    |        |        |       |        |
| 71 | 6.871 | 6.835 | 6.894 | VV | 3681   | 45061  | 0.20% | 0.007% |
| 72 | 6.904 | 6.894 | 6.930 | VV | 742    | 12371  | 0.06% | 0.002% |
| 73 | 6.982 | 6.930 | 7.006 | VV | 1603   | 46367  | 0.21% | 0.007% |
| 74 | 7.026 | 7.006 | 7.048 | VV | 2053   | 30056  | 0.14% | 0.005% |
| 75 | 7.067 | 7.048 | 7.082 | VV | 1377   | 18325  | 0.08% | 0.003% |
|    |       |       |       |    |        |        |       |        |
| 76 | 7.101 | 7.082 | 7.150 | VV | 3662   | 66955  | 0.30% | 0.010% |
| 77 | 7.167 | 7.150 | 7.211 | VV | 2514   | 43949  | 0.20% | 0.007% |
| 78 | 7.233 | 7.211 | 7.252 | VV | 1791   | 24983  | 0.11% | 0.004% |
| 79 | 7.267 | 7.252 | 7.284 | VV | 1658   | 20108  | 0.09% | 0.003% |
| 80 | 7.303 | 7.284 | 7.328 | VV | 720    | 15524  | 0.07% | 0.002% |
|    |       |       |       |    |        |        |       |        |
| 81 | 7.387 | 7.328 | 7.420 | VV | 9853   | 156350 | 0.71% | 0.024% |
| 82 | 7.435 | 7.420 | 7.457 | VV | 1360   | 22364  | 0.10% | 0.003% |
| 83 | 7.472 | 7.457 | 7.502 | VV | 1045   | 21112  | 0.10% | 0.003% |
| 84 | 7.518 | 7.502 | 7.535 | VV | 578    | 8439   | 0.04% | 0.001% |
| 85 | 7.566 | 7.535 | 7.609 | VV | 2969   | 59744  | 0.27% | 0.009% |
|    |       |       |       |    |        |        |       |        |
| 86 | 7.620 | 7.609 | 7.637 | VV | 932    | 9059   | 0.04% | 0.001% |
| 87 | 7.674 | 7.637 | 7.695 | PV | 2553   | 37236  | 0.17% | 0.006% |
| 88 | 7.708 | 7.695 | 7.717 | VV | 1524   | 16192  | 0.07% | 0.003% |
| 89 | 7.726 | 7.717 | 7.742 | VV | 1467   | 16741  | 0.08% | 0.003% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 7.777  | 7.742  | 7.799  | VV | 1219   | 26966  | 0.12% | 0.004% |
| 91  | 7.842  | 7.799  | 7.858  | VV | 4061   | 80123  | 0.36% | 0.012% |
| 92  | 7.866  | 7.858  | 7.889  | VV | 2300   | 28539  | 0.13% | 0.004% |
| 93  | 7.909  | 7.889  | 7.932  | VV | 2536   | 34965  | 0.16% | 0.005% |
| 94  | 7.956  | 7.932  | 7.980  | VV | 2919   | 44921  | 0.20% | 0.007% |
| 95  | 8.003  | 7.980  | 8.054  | VV | 4022   | 93656  | 0.42% | 0.015% |
| 96  | 8.080  | 8.054  | 8.109  | VV | 5835   | 83359  | 0.38% | 0.013% |
| 97  | 8.115  | 8.109  | 8.125  | VV | 1484   | 13864  | 0.06% | 0.002% |
| 98  | 8.172  | 8.125  | 8.184  | VV | 2766   | 65008  | 0.29% | 0.010% |
| 99  | 8.225  | 8.184  | 8.240  | VV | 9732   | 187225 | 0.85% | 0.029% |
| 100 | 8.259  | 8.240  | 8.292  | VV | 15857  | 226931 | 1.02% | 0.035% |
| 101 | 8.324  | 8.292  | 8.364  | VV | 20011  | 299705 | 1.35% | 0.047% |
| 102 | 8.377  | 8.364  | 8.397  | VV | 3849   | 63644  | 0.29% | 0.010% |
| 103 | 8.427  | 8.397  | 8.442  | VV | 3900   | 76613  | 0.35% | 0.012% |
| 104 | 8.453  | 8.442  | 8.465  | VV | 2615   | 30539  | 0.14% | 0.005% |
| 105 | 8.487  | 8.465  | 8.522  | VV | 3802   | 78125  | 0.35% | 0.012% |
| 106 | 8.553  | 8.522  | 8.573  | VV | 1737   | 38883  | 0.18% | 0.006% |
| 107 | 8.590  | 8.573  | 8.604  | VV | 1552   | 21983  | 0.10% | 0.003% |
| 108 | 8.637  | 8.604  | 8.647  | VV | 2690   | 57648  | 0.26% | 0.009% |
| 109 | 8.680  | 8.647  | 8.692  | VV | 3080   | 75381  | 0.34% | 0.012% |
| 110 | 8.722  | 8.692  | 8.738  | VV | 4064   | 89981  | 0.41% | 0.014% |
| 111 | 8.750  | 8.738  | 8.774  | VV | 3585   | 63963  | 0.29% | 0.010% |
| 112 | 8.795  | 8.774  | 8.824  | VV | 10232  | 145816 | 0.66% | 0.023% |
| 113 | 8.846  | 8.824  | 8.859  | VV | 2978   | 46766  | 0.21% | 0.007% |
| 114 | 8.867  | 8.859  | 8.893  | VV | 2428   | 40730  | 0.18% | 0.006% |
| 115 | 8.916  | 8.893  | 8.933  | VV | 3086   | 56641  | 0.26% | 0.009% |
| 116 | 8.946  | 8.933  | 8.973  | VV | 2613   | 46317  | 0.21% | 0.007% |
| 117 | 9.026  | 8.973  | 9.049  | VV | 3101   | 102129 | 0.46% | 0.016% |
| 118 | 9.083  | 9.049  | 9.110  | VV | 20124  | 268913 | 1.21% | 0.042% |
| 119 | 9.125  | 9.110  | 9.149  | VV | 3161   | 56382  | 0.25% | 0.009% |
| 120 | 9.166  | 9.149  | 9.201  | VV | 2505   | 53107  | 0.24% | 0.008% |
| 121 | 9.241  | 9.201  | 9.260  | VV | 2493   | 55298  | 0.25% | 0.009% |
| 122 | 9.288  | 9.260  | 9.302  | VV | 1995   | 38912  | 0.18% | 0.006% |
| 123 | 9.320  | 9.302  | 9.349  | VV | 2425   | 46468  | 0.21% | 0.007% |
| 124 | 9.376  | 9.349  | 9.400  | VV | 2641   | 54959  | 0.25% | 0.009% |
| 125 | 9.420  | 9.400  | 9.439  | VV | 2358   | 41735  | 0.19% | 0.006% |
| 126 | 9.458  | 9.439  | 9.513  | VV | 5284   | 139542 | 0.63% | 0.022% |
| 127 | 9.541  | 9.513  | 9.567  | VV | 5209   | 99490  | 0.45% | 0.015% |
| 128 | 9.587  | 9.567  | 9.605  | VV | 3465   | 51288  | 0.23% | 0.008% |
| 129 | 9.615  | 9.605  | 9.626  | VV | 2252   | 24059  | 0.11% | 0.004% |
| 130 | 9.641  | 9.626  | 9.670  | VV | 3461   | 50279  | 0.23% | 0.008% |
| 131 | 9.697  | 9.670  | 9.724  | VV | 2204   | 39193  | 0.18% | 0.006% |
| 132 | 9.740  | 9.724  | 9.755  | VV | 1044   | 16459  | 0.07% | 0.003% |
| 133 | 9.817  | 9.755  | 9.839  | VV | 3288   | 105507 | 0.48% | 0.016% |
| 134 | 9.861  | 9.839  | 9.908  | VV | 19580  | 258574 | 1.17% | 0.040% |
| 135 | 9.940  | 9.908  | 9.949  | VV | 1150   | 26099  | 0.12% | 0.004% |
| 136 | 9.966  | 9.949  | 9.995  | VV | 1600   | 27290  | 0.12% | 0.004% |
| 137 | 10.009 | 9.995  | 10.023 | VV | 1069   | 11446  | 0.05% | 0.002% |
| 138 | 10.041 | 10.023 | 10.094 | VV | 1317   | 28337  | 0.13% | 0.004% |
| 139 | 10.098 | 10.094 | 10.112 | VV | 317    | 3023   | 0.01% | 0.000% |
| 140 | 10.137 | 10.112 | 10.160 | VV | 988    | 13229  | 0.06% | 0.002% |
| 141 | 10.206 | 10.160 | 10.224 | PV | 3026   | 52696  | 0.24% | 0.008% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.250 | 10.224 | 10.280 | VV | 9645   | 148492  | 0.67%  | 0.023% |
| 143 | 10.302 | 10.280 | 10.322 | VV | 3101   | 53026   | 0.24%  | 0.008% |
| 144 | 10.339 | 10.322 | 10.367 | VV | 3668   | 54106   | 0.24%  | 0.008% |
| 145 | 10.392 | 10.367 | 10.425 | VV | 4156   | 64782   | 0.29%  | 0.010% |
|     |        |        |        |    |        |         |        |        |
| 146 | 10.451 | 10.425 | 10.467 | VV | 1194   | 17118   | 0.08%  | 0.003% |
| 147 | 10.517 | 10.467 | 10.547 | VV | 2651   | 82204   | 0.37%  | 0.013% |
| 148 | 10.556 | 10.547 | 10.570 | VV | 1492   | 20041   | 0.09%  | 0.003% |
| 149 | 10.600 | 10.570 | 10.640 | VV | 20065  | 268865  | 1.21%  | 0.042% |
| 150 | 10.671 | 10.640 | 10.718 | VV | 12826  | 222878  | 1.01%  | 0.035% |
|     |        |        |        |    |        |         |        |        |
| 151 | 10.732 | 10.718 | 10.757 | VV | 1851   | 30983   | 0.14%  | 0.005% |
| 152 | 10.768 | 10.757 | 10.792 | VV | 844    | 10298   | 0.05%  | 0.002% |
| 153 | 10.821 | 10.792 | 10.839 | VV | 1378   | 26021   | 0.12%  | 0.004% |
| 154 | 10.871 | 10.839 | 10.902 | VV | 4188   | 87207   | 0.39%  | 0.014% |
| 155 | 10.943 | 10.902 | 10.965 | VV | 3600   | 89091   | 0.40%  | 0.014% |
|     |        |        |        |    |        |         |        |        |
| 156 | 10.993 | 10.965 | 11.037 | VV | 3286   | 84336   | 0.38%  | 0.013% |
| 157 | 11.053 | 11.037 | 11.070 | VV | 2422   | 28676   | 0.13%  | 0.004% |
| 158 | 11.079 | 11.070 | 11.091 | VV | 1183   | 10768   | 0.05%  | 0.002% |
| 159 | 11.108 | 11.091 | 11.138 | VV | 1777   | 22256   | 0.10%  | 0.003% |
| 160 | 11.173 | 11.138 | 11.197 | VV | 1649   | 24944   | 0.11%  | 0.004% |
|     |        |        |        |    |        |         |        |        |
| 161 | 11.235 | 11.197 | 11.253 | PV | 1412   | 32518   | 0.15%  | 0.005% |
| 162 | 11.271 | 11.253 | 11.282 | VV | 1671   | 25780   | 0.12%  | 0.004% |
| 163 | 11.302 | 11.282 | 11.327 | VV | 18412  | 214538  | 0.97%  | 0.033% |
| 164 | 11.338 | 11.327 | 11.357 | VV | 1846   | 25710   | 0.12%  | 0.004% |
| 165 | 11.393 | 11.357 | 11.440 | VV | 10730  | 170784  | 0.77%  | 0.027% |
|     |        |        |        |    |        |         |        |        |
| 166 | 11.459 | 11.440 | 11.477 | VV | 959    | 12852   | 0.06%  | 0.002% |
| 167 | 11.498 | 11.477 | 11.514 | VV | 1407   | 14574   | 0.07%  | 0.002% |
| 168 | 11.628 | 11.514 | 11.684 | VV | 310184 | 3495488 | 15.78% | 0.543% |
| 169 | 11.702 | 11.684 | 11.725 | VV | 3986   | 64661   | 0.29%  | 0.010% |
| 170 | 11.737 | 11.725 | 11.755 | VV | 1727   | 26175   | 0.12%  | 0.004% |
|     |        |        |        |    |        |         |        |        |
| 171 | 11.786 | 11.755 | 11.803 | VV | 3364   | 57860   | 0.26%  | 0.009% |
| 172 | 11.817 | 11.803 | 11.837 | VV | 2615   | 32414   | 0.15%  | 0.005% |
| 173 | 11.853 | 11.837 | 11.889 | VV | 2010   | 28457   | 0.13%  | 0.004% |
| 174 | 11.909 | 11.889 | 11.922 | PV | 711    | 9565    | 0.04%  | 0.001% |
| 175 | 11.973 | 11.922 | 12.003 | VV | 15134  | 242299  | 1.09%  | 0.038% |
|     |        |        |        |    |        |         |        |        |
| 176 | 12.024 | 12.003 | 12.057 | VV | 2005   | 44139   | 0.20%  | 0.007% |
| 177 | 12.075 | 12.057 | 12.112 | VV | 1924   | 37252   | 0.17%  | 0.006% |
| 178 | 12.139 | 12.112 | 12.160 | VV | 720    | 14845   | 0.07%  | 0.002% |
| 179 | 12.173 | 12.160 | 12.189 | VV | 1109   | 11404   | 0.05%  | 0.002% |
| 180 | 12.224 | 12.189 | 12.305 | VV | 22285  | 387900  | 1.75%  | 0.060% |
|     |        |        |        |    |        |         |        |        |
| 181 | 12.353 | 12.305 | 12.373 | VV | 2800   | 65899   | 0.30%  | 0.010% |
| 182 | 12.385 | 12.373 | 12.419 | VV | 2444   | 37267   | 0.17%  | 0.006% |
| 183 | 12.434 | 12.419 | 12.450 | VV | 1494   | 18155   | 0.08%  | 0.003% |
| 184 | 12.464 | 12.450 | 12.503 | VV | 1731   | 31767   | 0.14%  | 0.005% |
| 185 | 12.572 | 12.503 | 12.588 | PV | 3825   | 97923   | 0.44%  | 0.015% |
|     |        |        |        |    |        |         |        |        |
| 186 | 12.613 | 12.588 | 12.663 | VV | 14298  | 221718  | 1.00%  | 0.034% |
| 187 | 12.692 | 12.663 | 12.724 | VV | 15722  | 222742  | 1.01%  | 0.035% |
| 188 | 12.730 | 12.724 | 12.752 | VV | 2069   | 25059   | 0.11%  | 0.004% |
| 189 | 12.763 | 12.752 | 12.802 | VV | 994    | 13478   | 0.06%  | 0.002% |
| 190 | 12.827 | 12.802 | 12.845 | PV | 1012   | 13566   | 0.06%  | 0.002% |
|     |        |        |        |    |        |         |        |        |
| 191 | 12.877 | 12.845 | 12.895 | VV | 2300   | 40625   | 0.18%  | 0.006% |
| 192 | 12.910 | 12.895 | 12.922 | VV | 1542   | 21837   | 0.10%  | 0.003% |
| 193 | 12.938 | 12.922 | 12.960 | VV | 1674   | 23113   | 0.10%  | 0.004% |
| 194 | 12.991 | 12.960 | 13.030 | PV | 20169  | 296837  | 1.34%  | 0.046% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 195    | 13.061 | 13.030 | 13.092 | VV | 226387 | 2692017 | 12.15% | 0.418% |
| 196    | 13.101 | 13.092 | 13.154 | VV | 5208   | 90661   | 0.41%  | 0.014% |
| 197    | 13.169 | 13.154 | 13.184 | VV | 1776   | 21118   | 0.10%  | 0.003% |
| 198    | 13.225 | 13.184 | 13.239 | PV | 9771   | 125824  | 0.57%  | 0.020% |
| 199    | 13.257 | 13.239 | 13.282 | VV | 12707  | 237407  | 1.07%  | 0.037% |
| 200    | 13.299 | 13.282 | 13.370 | VV | 16972  | 398331  | 1.80%  | 0.062% |
| 201    | 13.379 | 13.370 | 13.394 | VV | 1691   | 21442   | 0.10%  | 0.003% |
| 202    | 13.411 | 13.394 | 13.432 | VV | 1407   | 27277   | 0.12%  | 0.004% |
| 203    | 13.462 | 13.432 | 13.489 | VV | 5434   | 96845   | 0.44%  | 0.015% |
| 204    | 13.496 | 13.489 | 13.515 | VV | 2365   | 27707   | 0.13%  | 0.004% |
| 205    | 13.540 | 13.515 | 13.552 | VV | 2081   | 28803   | 0.13%  | 0.004% |
| 206    | 13.576 | 13.552 | 13.598 | VV | 4344   | 65096   | 0.29%  | 0.010% |
| 207    | 13.621 | 13.598 | 13.632 | VV | 1886   | 24909   | 0.11%  | 0.004% |
| 208    | 13.648 | 13.632 | 13.662 | VV | 1272   | 14990   | 0.07%  | 0.002% |
| 209    | 13.690 | 13.662 | 13.710 | VV | 1707   | 27198   | 0.12%  | 0.004% |
| 210    | 13.731 | 13.710 | 13.752 | PV | 2951   | 43702   | 0.20%  | 0.007% |
| 211    | 13.768 | 13.752 | 13.787 | VV | 3240   | 47294   | 0.21%  | 0.007% |
| 212    | 13.816 | 13.787 | 13.844 | VV | 9265   | 167516  | 0.76%  | 0.026% |
| 213    | 13.859 | 13.844 | 13.885 | VV | 5499   | 80648   | 0.36%  | 0.013% |
| 214    | 13.920 | 13.885 | 13.990 | VV | 15789  | 307897  | 1.39%  | 0.048% |
| 215    | 14.044 | 13.990 | 14.075 | VV | 3519   | 85298   | 0.39%  | 0.013% |
| 216    | 14.094 | 14.075 | 14.109 | PV | 2738   | 39531   | 0.18%  | 0.006% |
| 217    | 14.125 | 14.109 | 14.152 | VV | 2847   | 48105   | 0.22%  | 0.007% |
| 218    | 14.202 | 14.152 | 14.222 | PV | 7788   | 149408  | 0.67%  | 0.023% |
| 219    | 14.231 | 14.222 | 14.259 | VV | 4548   | 69403   | 0.31%  | 0.011% |
| 220    | 14.282 | 14.259 | 14.293 | VV | 3651   | 48612   | 0.22%  | 0.008% |
| 221    | 14.332 | 14.293 | 14.357 | VV | 8522   | 176747  | 0.80%  | 0.027% |
| 222    | 14.376 | 14.357 | 14.399 | VV | 6799   | 98800   | 0.45%  | 0.015% |
| 223    | 14.441 | 14.399 | 14.482 | VV | 6697   | 186714  | 0.84%  | 0.029% |
| 224    | 14.498 | 14.482 | 14.519 | VV | 6233   | 86321   | 0.39%  | 0.013% |
| 225    | 14.551 | 14.519 | 14.579 | VV | 5560   | 134251  | 0.61%  | 0.021% |
| 226    | 14.597 | 14.579 | 14.610 | VV | 1916   | 30316   | 0.14%  | 0.005% |
| 227    | 14.637 | 14.610 | 14.660 | VV | 5295   | 87275   | 0.39%  | 0.014% |
| 228    | 14.678 | 14.660 | 14.705 | VV | 3222   | 54114   | 0.24%  | 0.008% |
| 229    | 14.725 | 14.705 | 14.742 | VV | 2889   | 38147   | 0.17%  | 0.006% |
| 230    | 14.763 | 14.742 | 14.789 | VV | 6218   | 100116  | 0.45%  | 0.016% |
| 231    | 14.877 | 14.789 | 14.897 | VV | 10210  | 278426  | 1.26%  | 0.043% |
| 232    | 14.914 | 14.897 | 14.947 | VV | 16420  | 231176  | 1.04%  | 0.036% |
| 233    | 14.966 | 14.947 | 14.984 | VV | 3966   | 56507   | 0.26%  | 0.009% |
| 234    | 15.015 | 14.984 | 15.031 | VV | 7131   | 114757  | 0.52%  | 0.018% |
| 235    | 15.075 | 15.031 | 15.087 | VV | 4962   | 139995  | 0.63%  | 0.022% |
| 236    | 15.106 | 15.087 | 15.137 | VV | 6832   | 115863  | 0.52%  | 0.018% |
| 237    | 15.188 | 15.137 | 15.209 | VV | 4898   | 126887  | 0.57%  | 0.020% |
| 238    | 15.246 | 15.209 | 15.265 | VV | 5413   | 139370  | 0.63%  | 0.022% |
| 239    | 15.296 | 15.265 | 15.328 | VV | 41924  | 698892  | 3.15%  | 0.109% |
| 240    | 15.354 | 15.328 | 15.405 | VV | 7973   | 283282  | 1.28%  | 0.044% |
| 241    | 15.454 | 15.405 | 15.484 | VV | 12263  | 376498  | 1.70%  | 0.058% |
| 242    | 15.518 | 15.484 | 15.525 | VV | 7698   | 148719  | 0.67%  | 0.023% |
| 243    | 15.547 | 15.525 | 15.564 | VV | 12818  | 234722  | 1.06%  | 0.036% |
| 244    | 15.582 | 15.564 | 15.627 | VV | 13772  | 362798  | 1.64%  | 0.056% |
| 245    | 15.665 | 15.627 | 15.677 | VV | 11604  | 279489  | 1.26%  | 0.043% |
| 246    | 15.706 | 15.677 | 15.732 | VV | 15781  | 413157  | 1.87%  | 0.064% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 247    | 15.745 | 15.732 | 15.762 | VV | 13601  | 211272   | 0.95%  | 0.033% |
| 248    | 15.780 | 15.762 | 15.790 | VV | 13312  | 201803   | 0.91%  | 0.031% |
| 249    | 15.845 | 15.790 | 15.865 | VV | 17294  | 636839   | 2.87%  | 0.099% |
| 250    | 15.906 | 15.865 | 15.922 | VV | 18189  | 548806   | 2.48%  | 0.085% |
|        |        |        |        |    |        |          |        |        |
| 251    | 15.938 | 15.922 | 15.953 | VV | 22529  | 360662   | 1.63%  | 0.056% |
| 252    | 15.990 | 15.953 | 16.032 | VV | 22753  | 922777   | 4.17%  | 0.143% |
| 253    | 16.077 | 16.032 | 16.105 | VV | 19208  | 771947   | 3.48%  | 0.120% |
| 254    | 16.143 | 16.105 | 16.176 | VV | 25504  | 922595   | 4.16%  | 0.143% |
| 255    | 16.239 | 16.176 | 16.275 | VV | 29974  | 1448067  | 6.54%  | 0.225% |
|        |        |        |        |    |        |          |        |        |
| 256    | 16.308 | 16.275 | 16.324 | VV | 29503  | 781558   | 3.53%  | 0.121% |
| 257    | 16.350 | 16.324 | 16.367 | VV | 30985  | 738160   | 3.33%  | 0.115% |
| 258    | 16.440 | 16.367 | 16.460 | VV | 52727  | 1948814  | 8.80%  | 0.303% |
| 259    | 16.475 | 16.460 | 16.485 | VV | 35632  | 512810   | 2.31%  | 0.080% |
| 260    | 16.566 | 16.485 | 16.607 | VV | 45710  | 2938844  | 13.27% | 0.457% |
|        |        |        |        |    |        |          |        |        |
| 261    | 16.643 | 16.607 | 16.677 | VV | 47690  | 1871259  | 8.45%  | 0.291% |
| 262    | 16.767 | 16.677 | 16.808 | VV | 57328  | 3739499  | 16.88% | 0.581% |
| 263    | 16.829 | 16.808 | 16.850 | VV | 55011  | 1287104  | 5.81%  | 0.200% |
| 264    | 16.890 | 16.850 | 16.902 | VV | 62380  | 1696140  | 7.66%  | 0.264% |
| 265    | 16.923 | 16.902 | 16.969 | VV | 73978  | 2526745  | 11.41% | 0.393% |
|        |        |        |        |    |        |          |        |        |
| 266    | 16.986 | 16.969 | 17.020 | VV | 58850  | 1782055  | 8.04%  | 0.277% |
| 267    | 17.024 | 17.020 | 17.050 | VV | 58837  | 1018182  | 4.60%  | 0.158% |
| 268    | 17.077 | 17.050 | 17.092 | VV | 66319  | 1575100  | 7.11%  | 0.245% |
| 269    | 17.144 | 17.092 | 17.172 | VV | 75500  | 3252062  | 14.68% | 0.505% |
| 270    | 17.217 | 17.172 | 17.247 | VV | 80821  | 3289621  | 14.85% | 0.511% |
|        |        |        |        |    |        |          |        |        |
| 271    | 17.323 | 17.247 | 17.364 | VV | 95605  | 5651011  | 25.51% | 0.878% |
| 272    | 17.391 | 17.364 | 17.407 | VV | 86886  | 2124615  | 9.59%  | 0.330% |
| 273    | 17.423 | 17.407 | 17.438 | VV | 86343  | 1566017  | 7.07%  | 0.243% |
| 274    | 17.463 | 17.438 | 17.505 | VV | 100843 | 3609966  | 16.30% | 0.561% |
| 275    | 17.527 | 17.505 | 17.538 | VV | 96249  | 1808548  | 8.16%  | 0.281% |
|        |        |        |        |    |        |          |        |        |
| 276    | 17.553 | 17.538 | 17.572 | VV | 93796  | 1836683  | 8.29%  | 0.285% |
| 277    | 17.619 | 17.572 | 17.639 | VV | 93714  | 3622685  | 16.35% | 0.563% |
| 278    | 17.650 | 17.639 | 17.662 | VV | 97001  | 1281143  | 5.78%  | 0.199% |
| 279    | 17.708 | 17.662 | 17.717 | VV | 106218 | 3373078  | 15.23% | 0.524% |
| 280    | 17.739 | 17.717 | 17.754 | VV | 110202 | 2331414  | 10.52% | 0.362% |
|        |        |        |        |    |        |          |        |        |
| 281    | 17.783 | 17.754 | 17.820 | VV | 126591 | 4579326  | 20.67% | 0.712% |
| 282    | 17.836 | 17.820 | 17.856 | VV | 116384 | 2368558  | 10.69% | 0.368% |
| 283    | 17.937 | 17.856 | 18.011 | VV | 175443 | 11741382 | 53.00% | 1.824% |
| 284    | 18.042 | 18.011 | 18.050 | VV | 122572 | 2819831  | 12.73% | 0.438% |
| 285    | 18.141 | 18.050 | 18.175 | VV | 151276 | 9661583  | 43.61% | 1.501% |
|        |        |        |        |    |        |          |        |        |
| 286    | 18.206 | 18.175 | 18.232 | VV | 141582 | 4532914  | 20.46% | 0.704% |
| 287    | 18.305 | 18.232 | 18.362 | VV | 191086 | 11553255 | 52.15% | 1.795% |
| 288    | 18.374 | 18.362 | 18.397 | VV | 149474 | 3099143  | 13.99% | 0.482% |
| 289    | 18.439 | 18.397 | 18.449 | VV | 151628 | 4528877  | 20.44% | 0.704% |
| 290    | 18.468 | 18.449 | 18.494 | VV | 160721 | 4129883  | 18.64% | 0.642% |
|        |        |        |        |    |        |          |        |        |
| 291    | 18.502 | 18.494 | 18.524 | VV | 152392 | 2760865  | 12.46% | 0.429% |
| 292    | 18.542 | 18.524 | 18.557 | VV | 151545 | 2944494  | 13.29% | 0.457% |
| 293    | 18.612 | 18.557 | 18.659 | VV | 175154 | 9720438  | 43.88% | 1.510% |
| 294    | 18.690 | 18.659 | 18.704 | VV | 162964 | 4236835  | 19.13% | 0.658% |
| 295    | 18.729 | 18.704 | 18.751 | VV | 201516 | 5140549  | 23.21% | 0.799% |
|        |        |        |        |    |        |          |        |        |
| 296    | 18.777 | 18.751 | 18.835 | VV | 195861 | 9080659  | 40.99% | 1.411% |
| 297    | 18.862 | 18.835 | 18.880 | VV | 181424 | 4788380  | 21.62% | 0.744% |
| 298    | 18.915 | 18.880 | 18.937 | VV | 191460 | 6345359  | 28.64% | 0.986% |
| 299    | 18.980 | 18.937 | 18.991 | VV | 201763 | 6194127  | 27.96% | 0.962% |

|     |        |        |        |    |        |          |         |        |
|-----|--------|--------|--------|----|--------|----------|---------|--------|
|     |        |        |        |    | rteres |          |         |        |
| 300 | 19.006 | 18.991 | 19.022 | VV | 202717 | 3729179  | 16.83%  | 0.579% |
| 301 | 19.032 | 19.022 | 19.042 | VV | 201670 | 2345196  | 10.59%  | 0.364% |
| 302 | 19.059 | 19.042 | 19.087 | VV | 220632 | 5546793  | 25.04%  | 0.862% |
| 303 | 19.130 | 19.087 | 19.181 | VV | 224893 | 11758753 | 53.08%  | 1.827% |
| 304 | 19.194 | 19.181 | 19.203 | VV | 215385 | 2719307  | 12.28%  | 0.423% |
| 305 | 19.239 | 19.203 | 19.287 | VV | 218756 | 10741663 | 48.49%  | 1.669% |
| 306 | 19.304 | 19.287 | 19.341 | VV | 221885 | 6980818  | 31.51%  | 1.085% |
| 307 | 19.360 | 19.341 | 19.373 | VV | 221624 | 4084723  | 18.44%  | 0.635% |
| 308 | 19.402 | 19.373 | 19.415 | VV | 233913 | 5715088  | 25.80%  | 0.888% |
| 309 | 19.442 | 19.415 | 19.465 | VV | 254768 | 7121934  | 32.15%  | 1.107% |
| 310 | 19.532 | 19.465 | 19.570 | VV | 262182 | 15333847 | 69.22%  | 2.382% |
| 311 | 19.582 | 19.570 | 19.607 | VV | 247159 | 5234772  | 23.63%  | 0.813% |
| 312 | 19.620 | 19.607 | 19.662 | VV | 250698 | 8268590  | 37.33%  | 1.285% |
| 313 | 19.675 | 19.662 | 19.692 | VV | 254237 | 4540608  | 20.50%  | 0.705% |
| 314 | 19.706 | 19.692 | 19.730 | VV | 257586 | 5710585  | 25.78%  | 0.887% |
| 315 | 19.771 | 19.730 | 19.795 | VV | 289430 | 10608416 | 47.89%  | 1.648% |
| 316 | 19.806 | 19.795 | 19.814 | VV | 276806 | 3000926  | 13.55%  | 0.466% |
| 317 | 19.833 | 19.814 | 19.854 | VV | 281317 | 6583791  | 29.72%  | 1.023% |
| 318 | 19.865 | 19.854 | 19.892 | VV | 275051 | 6227264  | 28.11%  | 0.968% |
| 319 | 19.959 | 19.892 | 19.994 | VV | 298856 | 17528442 | 79.13%  | 2.723% |
| 320 | 20.032 | 19.994 | 20.044 | VV | 305312 | 8862256  | 40.01%  | 1.377% |
| 321 | 20.062 | 20.044 | 20.115 | VV | 325722 | 13088480 | 59.08%  | 2.034% |
| 322 | 20.223 | 20.115 | 20.234 | VV | 335385 | 22152371 | 100.00% | 3.442% |
| 323 | 20.252 | 20.234 | 20.261 | VV | 330500 | 5149743  | 23.25%  | 0.800% |
| 324 | 20.293 | 20.261 | 20.330 | VV | 348878 | 13945799 | 62.95%  | 2.167% |
| 325 | 20.351 | 20.330 | 20.405 | VV | 353446 | 15032929 | 67.86%  | 2.336% |
| 326 | 20.413 | 20.405 | 20.425 | VV | 326972 | 3807264  | 17.19%  | 0.592% |
| 327 | 20.439 | 20.425 | 20.467 | VV | 332426 | 8239588  | 37.20%  | 1.280% |
| 328 | 20.501 | 20.467 | 20.532 | VV | 341306 | 12686514 | 57.27%  | 1.971% |
| 329 | 20.554 | 20.532 | 20.603 | VV | 332091 | 13502600 | 60.95%  | 2.098% |
| 330 | 20.621 | 20.603 | 20.655 | VV | 309399 | 9468120  | 42.74%  | 1.471% |
| 331 | 20.665 | 20.655 | 20.684 | VV | 294135 | 5028885  | 22.70%  | 0.781% |
| 332 | 20.702 | 20.684 | 20.719 | VV | 307700 | 6305768  | 28.47%  | 0.980% |
| 333 | 20.746 | 20.719 | 20.773 | VV | 314296 | 9820848  | 44.33%  | 1.526% |
| 334 | 20.782 | 20.773 | 20.832 | VV | 295882 | 10188187 | 45.99%  | 1.583% |
| 335 | 20.840 | 20.832 | 20.874 | VV | 287881 | 6996591  | 31.58%  | 1.087% |
| 336 | 20.901 | 20.874 | 20.912 | VV | 288672 | 6514418  | 29.41%  | 1.012% |
| 337 | 20.915 | 20.912 | 20.962 | VV | 286835 | 8192976  | 36.98%  | 1.273% |
| 338 | 21.001 | 20.962 | 21.034 | VV | 272746 | 11575929 | 52.26%  | 1.799% |
| 339 | 21.042 | 21.034 | 21.069 | VV | 269005 | 5499387  | 24.83%  | 0.854% |
| 340 | 21.079 | 21.069 | 21.127 | VV | 267131 | 9061254  | 40.90%  | 1.408% |
| 341 | 21.135 | 21.127 | 21.218 | VV | 257702 | 13346343 | 60.25%  | 2.074% |
| 342 | 21.238 | 21.218 | 21.257 | VV | 244747 | 5636721  | 25.45%  | 0.876% |
| 343 | 21.269 | 21.257 | 21.276 | VV | 242273 | 2762190  | 12.47%  | 0.429% |
| 344 | 21.296 | 21.276 | 21.307 | VV | 242533 | 4404694  | 19.88%  | 0.684% |
| 345 | 21.330 | 21.307 | 21.369 | VV | 259249 | 9095915  | 41.06%  | 1.413% |
| 346 | 21.387 | 21.369 | 21.399 | VV | 246675 | 4344175  | 19.61%  | 0.675% |
| 347 | 21.408 | 21.399 | 21.415 | VV | 240090 | 2362343  | 10.66%  | 0.367% |
| 348 | 21.454 | 21.415 | 21.495 | VV | 249187 | 11491903 | 51.88%  | 1.786% |
| 349 | 21.513 | 21.495 | 21.580 | VV | 235310 | 11112037 | 50.16%  | 1.727% |
| 350 | 21.589 | 21.580 | 21.619 | VV | 206218 | 4637148  | 20.93%  | 0.720% |
| 351 | 21.651 | 21.619 | 21.672 | VV | 208157 | 6472757  | 29.22%  | 1.006% |

|     |        |        |        |     |                         |           |        |        |  |
|-----|--------|--------|--------|-----|-------------------------|-----------|--------|--------|--|
|     |        |        |        |     | rteres                  |           |        |        |  |
| 352 | 21.677 | 21.672 | 21.687 | VV  | 207615                  | 1822453   | 8.23%  | 0.283% |  |
| 353 | 21.707 | 21.687 | 21.725 | VV  | 210712                  | 4771932   | 21.54% | 0.741% |  |
| 354 | 21.728 | 21.725 | 21.739 | VV  | 206802                  | 1627430   | 7.35%  | 0.253% |  |
| 355 | 21.744 | 21.739 | 21.777 | VV  | 204329                  | 4550053   | 20.54% | 0.707% |  |
| 356 | 21.831 | 21.777 | 21.860 | VBA | 213109                  | 10434896  | 47.11% | 1.621% |  |
|     |        |        |        |     | Sum of corrected areas: | 643613651 |        |        |  |

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