

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC081419AL\  
 Data File : FC042877.D  
 Signal(s) : FID1A.CH  
 Acq On : 14 Aug 2019 10:20  
 Sample : K4089-01  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 080819.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         | 3.609       | 3.599        | 3.682      | PV       | 120            | 1145         | 0.01%          | 0.000%        |
| 2         | 3.689       | 3.682        | 3.768      | PV       | 108            | 1711         | 0.01%          | 0.001%        |
| 3         | 3.782       | 3.768        | 3.819      | VV       | 192            | 2764         | 0.02%          | 0.001%        |
| 4         | 3.861       | 3.846        | 3.885      | PV       | 193            | 2540         | 0.02%          | 0.001%        |
| 5         | 3.894       | 3.885        | 3.919      | VV       | 109            | 1495         | 0.01%          | 0.001%        |
| 6         | 3.929       | 3.919        | 3.942      | VV       | 95             | 1263         | 0.01%          | 0.001%        |
| 7         | 3.956       | 3.942        | 4.041      | VV       | 341            | 8067         | 0.06%          | 0.003%        |
| 8         | 4.061       | 4.041        | 4.144      | VV       | 434            | 9844         | 0.07%          | 0.004%        |
| 9         | 4.179       | 4.144        | 4.216      | PV       | 303            | 7670         | 0.06%          | 0.003%        |
| 10        | 4.221       | 4.216        | 4.297      | VV       | 250            | 8330         | 0.06%          | 0.003%        |
| 11        | 4.321       | 4.297        | 4.352      | VV       | 245            | 6321         | 0.05%          | 0.003%        |
| 12        | 4.362       | 4.352        | 4.431      | VV       | 282            | 8185         | 0.06%          | 0.003%        |
| 13        | 4.438       | 4.431        | 4.539      | VV       | 176            | 6297         | 0.05%          | 0.003%        |
| 14        | 4.554       | 4.539        | 4.579      | VV       | 233            | 3245         | 0.02%          | 0.001%        |
| 15        | 4.592       | 4.579        | 4.609      | PV       | 130            | 1940         | 0.01%          | 0.001%        |
| 16        | 4.615       | 4.609        | 4.631      | VV       | 169            | 1462         | 0.01%          | 0.001%        |
| 17        | 4.638       | 4.631        | 4.650      | VV       | 133            | 1403         | 0.01%          | 0.001%        |
| 18        | 4.659       | 4.650        | 4.678      | VV       | 163            | 1661         | 0.01%          | 0.001%        |
| 19        | 4.699       | 4.678        | 4.743      | VV       | 347            | 6964         | 0.05%          | 0.003%        |
| 20        | 4.759       | 4.743        | 4.769      | VV       | 193            | 1593         | 0.01%          | 0.001%        |
| 21        | 4.781       | 4.769        | 4.826      | VV       | 296            | 4750         | 0.04%          | 0.002%        |
| 22        | 4.836       | 4.826        | 4.898      | VV       | 181            | 3536         | 0.03%          | 0.001%        |
| 23        | 4.908       | 4.898        | 4.924      | VV       | 95             | 1031         | 0.01%          | 0.000%        |
| 24        | 4.937       | 4.924        | 4.947      | PV       | 89             | 1223         | 0.01%          | 0.000%        |
| 25        | 4.955       | 4.947        | 5.054      | VV       | 105            | 5514         | 0.04%          | 0.002%        |
| 26        | 5.101       | 5.076        | 5.131      | VV       | 142            | 2473         | 0.02%          | 0.001%        |
| 27        | 5.148       | 5.131        | 5.164      | VV       | 184            | 2535         | 0.02%          | 0.001%        |
| 28        | 5.181       | 5.164        | 5.204      | VV       | 734            | 7339         | 0.05%          | 0.003%        |
| 29        | 5.238       | 5.204        | 5.269      | VV       | 323            | 5632         | 0.04%          | 0.002%        |
| 30        | 5.290       | 5.269        | 5.316      | VV       | 136            | 1875         | 0.01%          | 0.001%        |
| 31        | 5.373       | 5.316        | 5.395      | PV       | 265            | 4861         | 0.04%          | 0.002%        |
| 32        | 5.412       | 5.395        | 5.454      | VV       | 193            | 5238         | 0.04%          | 0.002%        |
| 33        | 5.470       | 5.454        | 5.507      | VV       | 193            | 3208         | 0.02%          | 0.001%        |
| 34        | 5.548       | 5.507        | 5.569      | VV       | 166            | 3869         | 0.03%          | 0.002%        |
| 35        | 5.623       | 5.569        | 5.642      | VV       | 638            | 12275        | 0.09%          | 0.005%        |
| 36        | 5.656       | 5.642        | 5.666      | VV       | 280            | 3474         | 0.03%          | 0.001%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 37 | 5.678 | 5.666 | 5.714 | VV | 379    | 5423  | 0.04% | 0.002% |
| 38 | 5.735 | 5.714 | 5.774 | VV | 392    | 6935  | 0.05% | 0.003% |
| 39 | 5.780 | 5.774 | 5.819 | VV | 188    | 2108  | 0.02% | 0.001% |
| 40 | 5.860 | 5.819 | 5.884 | VV | 166    | 4113  | 0.03% | 0.002% |
| 41 | 5.896 | 5.884 | 5.946 | VV | 180    | 4574  | 0.03% | 0.002% |
| 42 | 5.951 | 5.946 | 5.973 | VV | 171    | 1547  | 0.01% | 0.001% |
| 43 | 5.985 | 5.973 | 6.017 | VV | 132    | 2020  | 0.02% | 0.001% |
| 44 | 6.032 | 6.017 | 6.046 | VV | 121    | 1458  | 0.01% | 0.001% |
| 45 | 6.064 | 6.046 | 6.087 | PV | 138    | 2381  | 0.02% | 0.001% |
| 46 | 6.150 | 6.087 | 6.212 | VV | 728    | 20088 | 0.15% | 0.008% |
| 47 | 6.220 | 6.212 | 6.246 | VV | 198    | 2884  | 0.02% | 0.001% |
| 48 | 6.267 | 6.246 | 6.295 | VV | 318    | 5294  | 0.04% | 0.002% |
| 49 | 6.306 | 6.295 | 6.333 | VV | 100    | 2117  | 0.02% | 0.001% |
| 50 | 6.348 | 6.333 | 6.387 | VV | 182    | 2299  | 0.02% | 0.001% |
| 51 | 6.411 | 6.387 | 6.437 | VV | 242    | 4399  | 0.03% | 0.002% |
| 52 | 6.453 | 6.437 | 6.482 | VV | 217    | 4429  | 0.03% | 0.002% |
| 53 | 6.484 | 6.482 | 6.505 | VV | 246    | 2296  | 0.02% | 0.001% |
| 54 | 6.557 | 6.505 | 6.638 | VV | 364    | 15205 | 0.11% | 0.006% |
| 55 | 6.657 | 6.638 | 6.683 | VV | 182    | 3331  | 0.02% | 0.001% |
| 56 | 6.700 | 6.683 | 6.792 | VV | 178    | 9447  | 0.07% | 0.004% |
| 57 | 6.808 | 6.792 | 6.817 | PV | 109    | 1225  | 0.01% | 0.000% |
| 58 | 6.835 | 6.817 | 6.856 | VV | 165    | 2478  | 0.02% | 0.001% |
| 59 | 6.894 | 6.856 | 6.932 | VV | 236    | 6263  | 0.05% | 0.003% |
| 60 | 6.938 | 6.932 | 6.957 | VV | 245    | 1988  | 0.01% | 0.001% |
| 61 | 6.970 | 6.957 | 7.014 | VV | 164    | 5376  | 0.04% | 0.002% |
| 62 | 7.075 | 7.014 | 7.103 | VV | 337    | 11876 | 0.09% | 0.005% |
| 63 | 7.112 | 7.103 | 7.128 | VV | 251    | 2828  | 0.02% | 0.001% |
| 64 | 7.157 | 7.128 | 7.167 | VV | 272    | 4432  | 0.03% | 0.002% |
| 65 | 7.210 | 7.167 | 7.240 | VV | 428    | 12692 | 0.09% | 0.005% |
| 66 | 7.253 | 7.240 | 7.307 | VV | 320    | 8443  | 0.06% | 0.003% |
| 67 | 7.330 | 7.307 | 7.402 | VV | 543    | 17871 | 0.13% | 0.007% |
| 68 | 7.411 | 7.402 | 7.439 | VV | 262    | 4567  | 0.03% | 0.002% |
| 69 | 7.472 | 7.439 | 7.510 | VV | 554    | 11298 | 0.08% | 0.005% |
| 70 | 7.536 | 7.510 | 7.599 | PV | 219    | 4880  | 0.04% | 0.002% |
| 71 | 7.639 | 7.599 | 7.648 | VV | 152    | 2154  | 0.02% | 0.001% |
| 72 | 7.656 | 7.648 | 7.671 | VV | 136    | 1094  | 0.01% | 0.000% |
| 73 | 7.710 | 7.694 | 7.740 | VV | 106    | 1575  | 0.01% | 0.001% |
| 74 | 8.085 | 8.062 | 8.146 | VV | 798    | 26443 | 0.20% | 0.011% |
| 75 | 8.161 | 8.146 | 8.176 | VV | 643    | 10092 | 0.08% | 0.004% |
| 76 | 8.192 | 8.176 | 8.206 | VV | 619    | 10102 | 0.08% | 0.004% |
| 77 | 8.238 | 8.206 | 8.257 | VV | 887    | 21185 | 0.16% | 0.009% |
| 78 | 8.281 | 8.257 | 8.322 | VV | 1439   | 42191 | 0.32% | 0.017% |
| 79 | 8.336 | 8.322 | 8.375 | VV | 1040   | 21781 | 0.16% | 0.009% |
| 80 | 8.468 | 8.445 | 8.499 | VV | 2693   | 46840 | 0.35% | 0.019% |
| 81 | 8.508 | 8.499 | 8.546 | VV | 750    | 12552 | 0.09% | 0.005% |
| 82 | 8.564 | 8.546 | 8.616 | VV | 496    | 10997 | 0.08% | 0.004% |
| 83 | 8.618 | 8.616 | 8.631 | VV | 175    | 1101  | 0.01% | 0.000% |
| 84 | 8.758 | 8.746 | 8.788 | VV | 2972   | 58651 | 0.44% | 0.024% |
| 85 | 8.804 | 8.788 | 8.854 | VV | 1992   | 57361 | 0.43% | 0.023% |
| 86 | 8.869 | 8.854 | 8.932 | VV | 1435   | 41101 | 0.31% | 0.017% |
| 87 | 8.949 | 8.932 | 8.967 | VV | 651    | 11808 | 0.09% | 0.005% |
| 88 | 8.993 | 8.967 | 9.014 | VV | 776    | 18970 | 0.14% | 0.008% |
| 89 | 9.046 | 9.014 | 9.124 | VV | 1134   | 52346 | 0.39% | 0.021% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 9.153  | 9.124  | 9.189  | VV | 1574   | 32593   | 0.24%  | 0.013% |
| 91  | 9.205  | 9.189  | 9.229  | VV | 804    | 12366   | 0.09%  | 0.005% |
| 92  | 9.236  | 9.229  | 9.254  | VV | 372    | 4911    | 0.04%  | 0.002% |
| 93  | 9.270  | 9.254  | 9.294  | VV | 316    | 6504    | 0.05%  | 0.003% |
| 94  | 9.317  | 9.294  | 9.339  | VV | 790    | 11742   | 0.09%  | 0.005% |
| 95  | 9.353  | 9.339  | 9.381  | VV | 429    | 7269    | 0.05%  | 0.003% |
| 96  | 9.409  | 9.381  | 9.424  | VV | 537    | 8654    | 0.06%  | 0.004% |
| 97  | 9.450  | 9.424  | 9.486  | VV | 490    | 13359   | 0.10%  | 0.005% |
| 98  | 9.502  | 9.486  | 9.513  | VV | 555    | 7171    | 0.05%  | 0.003% |
| 99  | 9.555  | 9.513  | 9.587  | VV | 1016   | 29505   | 0.22%  | 0.012% |
| 100 | 9.614  | 9.587  | 9.636  | VV | 799    | 15133   | 0.11%  | 0.006% |
| 101 | 9.657  | 9.636  | 9.671  | VV | 498    | 8174    | 0.06%  | 0.003% |
| 102 | 9.689  | 9.671  | 9.697  | VV | 623    | 7069    | 0.05%  | 0.003% |
| 103 | 9.709  | 9.697  | 9.736  | VV | 560    | 9188    | 0.07%  | 0.004% |
| 104 | 9.762  | 9.736  | 9.787  | VV | 459    | 9849    | 0.07%  | 0.004% |
| 105 | 9.805  | 9.787  | 9.821  | VV | 328    | 5200    | 0.04%  | 0.002% |
| 106 | 9.866  | 9.821  | 9.896  | VV | 743    | 20907   | 0.16%  | 0.009% |
| 107 | 9.925  | 9.896  | 9.982  | VV | 1959   | 35534   | 0.27%  | 0.014% |
| 108 | 10.028 | 9.982  | 10.035 | VV | 375    | 8969    | 0.07%  | 0.004% |
| 109 | 10.040 | 10.035 | 10.083 | VV | 375    | 6272    | 0.05%  | 0.003% |
| 110 | 10.106 | 10.083 | 10.186 | VV | 292    | 8427    | 0.06%  | 0.003% |
| 111 | 10.202 | 10.186 | 10.219 | PV | 257    | 3129    | 0.02%  | 0.001% |
| 112 | 10.271 | 10.219 | 10.289 | VV | 573    | 11038   | 0.08%  | 0.004% |
| 113 | 10.312 | 10.289 | 10.347 | VV | 1217   | 20141   | 0.15%  | 0.008% |
| 114 | 10.403 | 10.347 | 10.436 | VV | 792    | 30315   | 0.23%  | 0.012% |
| 115 | 10.457 | 10.436 | 10.491 | VV | 1040   | 17728   | 0.13%  | 0.007% |
| 116 | 10.550 | 10.491 | 10.567 | VV | 815    | 20909   | 0.16%  | 0.009% |
| 117 | 10.589 | 10.567 | 10.607 | VV | 878    | 15489   | 0.12%  | 0.006% |
| 118 | 10.619 | 10.607 | 10.633 | VV | 685    | 9287    | 0.07%  | 0.004% |
| 119 | 10.659 | 10.633 | 10.683 | VV | 2621   | 38599   | 0.29%  | 0.016% |
| 120 | 10.697 | 10.683 | 10.712 | VV | 575    | 8366    | 0.06%  | 0.003% |
| 121 | 10.732 | 10.712 | 10.759 | VV | 1594   | 29744   | 0.22%  | 0.012% |
| 122 | 10.764 | 10.759 | 10.787 | VV | 807    | 10771   | 0.08%  | 0.004% |
| 123 | 10.804 | 10.787 | 10.841 | VV | 821    | 13736   | 0.10%  | 0.006% |
| 124 | 10.876 | 10.841 | 10.902 | VV | 492    | 11911   | 0.09%  | 0.005% |
| 125 | 11.020 | 10.994 | 11.095 | VV | 2252   | 65719   | 0.49%  | 0.027% |
| 126 | 11.109 | 11.095 | 11.127 | VV | 603    | 7576    | 0.06%  | 0.003% |
| 127 | 11.139 | 11.127 | 11.157 | VV | 410    | 5550    | 0.04%  | 0.002% |
| 128 | 11.166 | 11.157 | 11.200 | VV | 312    | 4729    | 0.04%  | 0.002% |
| 129 | 11.243 | 11.200 | 11.267 | PV | 583    | 12747   | 0.10%  | 0.005% |
| 130 | 11.291 | 11.267 | 11.311 | VV | 1144   | 17323   | 0.13%  | 0.007% |
| 131 | 11.331 | 11.311 | 11.339 | VV | 666    | 8828    | 0.07%  | 0.004% |
| 132 | 11.359 | 11.339 | 11.383 | VV | 2308   | 29047   | 0.22%  | 0.012% |
| 133 | 11.456 | 11.383 | 11.506 | VV | 1731   | 42298   | 0.32%  | 0.017% |
| 134 | 11.524 | 11.506 | 11.539 | VV | 520    | 5359    | 0.04%  | 0.002% |
| 135 | 11.555 | 11.539 | 11.572 | VV | 510    | 5871    | 0.04%  | 0.002% |
| 136 | 11.592 | 11.572 | 11.614 | VV | 518    | 8993    | 0.07%  | 0.004% |
| 137 | 11.629 | 11.614 | 11.642 | VV | 412    | 5520    | 0.04%  | 0.002% |
| 138 | 11.689 | 11.642 | 11.721 | VV | 600520 | 6354790 | 47.54% | 2.586% |
| 139 | 11.736 | 11.721 | 11.753 | VV | 3694   | 51972   | 0.39%  | 0.021% |
| 140 | 11.769 | 11.753 | 11.799 | VV | 3443   | 56291   | 0.42%  | 0.023% |
| 141 | 11.812 | 11.799 | 11.825 | VV | 1390   | 16580   | 0.12%  | 0.007% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 11.849 | 11.825 | 11.867 | VV | 2839   | 44873   | 0.34%  | 0.018% |
| 143 | 11.883 | 11.867 | 11.899 | VV | 2806   | 35121   | 0.26%  | 0.014% |
| 144 | 11.916 | 11.899 | 11.981 | VV | 3000   | 45547   | 0.34%  | 0.019% |
| 145 | 12.024 | 11.981 | 12.056 | PV | 2180   | 31761   | 0.24%  | 0.013% |
|     |        |        |        |    |        |         |        |        |
| 146 | 12.076 | 12.056 | 12.095 | VV | 816    | 10137   | 0.08%  | 0.004% |
| 147 | 12.129 | 12.095 | 12.184 | VV | 1316   | 27949   | 0.21%  | 0.011% |
| 148 | 12.208 | 12.184 | 12.221 | PV | 858    | 10249   | 0.08%  | 0.004% |
| 149 | 12.231 | 12.221 | 12.249 | VV | 608    | 7764    | 0.06%  | 0.003% |
| 150 | 12.268 | 12.249 | 12.315 | VV | 634    | 13598   | 0.10%  | 0.006% |
|     |        |        |        |    |        |         |        |        |
| 151 | 12.357 | 12.315 | 12.391 | VV | 305    | 7524    | 0.06%  | 0.003% |
| 152 | 12.411 | 12.391 | 12.424 | VV | 755    | 9247    | 0.07%  | 0.004% |
| 153 | 12.434 | 12.424 | 12.445 | VV | 480    | 5044    | 0.04%  | 0.002% |
| 154 | 12.475 | 12.445 | 12.502 | VV | 1143   | 19478   | 0.15%  | 0.008% |
| 155 | 12.521 | 12.502 | 12.572 | VV | 1326   | 22869   | 0.17%  | 0.009% |
|     |        |        |        |    |        |         |        |        |
| 156 | 12.600 | 12.572 | 12.609 | PV | 1264   | 14877   | 0.11%  | 0.006% |
| 157 | 12.629 | 12.609 | 12.645 | VV | 4158   | 54066   | 0.40%  | 0.022% |
| 158 | 12.662 | 12.645 | 12.682 | VV | 3897   | 53199   | 0.40%  | 0.022% |
| 159 | 12.693 | 12.682 | 12.724 | VV | 1413   | 21288   | 0.16%  | 0.009% |
| 160 | 12.748 | 12.724 | 12.827 | VV | 23502  | 300559  | 2.25%  | 0.122% |
|     |        |        |        |    |        |         |        |        |
| 161 | 12.844 | 12.827 | 12.862 | PV | 403    | 6380    | 0.05%  | 0.003% |
| 162 | 12.896 | 12.862 | 12.921 | VV | 1128   | 22651   | 0.17%  | 0.009% |
| 163 | 12.937 | 12.921 | 12.956 | VV | 1577   | 20579   | 0.15%  | 0.008% |
| 164 | 12.980 | 12.956 | 13.019 | VV | 890    | 24201   | 0.18%  | 0.010% |
| 165 | 13.047 | 13.019 | 13.074 | VV | 23848  | 296519  | 2.22%  | 0.121% |
|     |        |        |        |    |        |         |        |        |
| 166 | 13.110 | 13.074 | 13.196 | VV | 430146 | 5154781 | 38.56% | 2.098% |
| 167 | 13.217 | 13.196 | 13.242 | VV | 969    | 17604   | 0.13%  | 0.007% |
| 168 | 13.270 | 13.242 | 13.296 | VV | 2220   | 35224   | 0.26%  | 0.014% |
| 169 | 13.322 | 13.296 | 13.354 | VV | 1812   | 37423   | 0.28%  | 0.015% |
| 170 | 13.371 | 13.354 | 13.417 | VV | 1331   | 22413   | 0.17%  | 0.009% |
|     |        |        |        |    |        |         |        |        |
| 171 | 13.466 | 13.417 | 13.482 | PV | 1001   | 23514   | 0.18%  | 0.010% |
| 172 | 13.506 | 13.482 | 13.534 | VV | 1981   | 34244   | 0.26%  | 0.014% |
| 173 | 13.543 | 13.534 | 13.566 | VV | 524    | 6142    | 0.05%  | 0.002% |
| 174 | 13.636 | 13.566 | 13.677 | VV | 3785   | 83371   | 0.62%  | 0.034% |
| 175 | 13.694 | 13.677 | 13.722 | VV | 532    | 7424    | 0.06%  | 0.003% |
|     |        |        |        |    |        |         |        |        |
| 176 | 13.743 | 13.722 | 13.763 | VV | 2043   | 25599   | 0.19%  | 0.010% |
| 177 | 13.784 | 13.763 | 13.836 | VV | 2992   | 55328   | 0.41%  | 0.023% |
| 178 | 13.855 | 13.836 | 13.876 | VV | 1743   | 26265   | 0.20%  | 0.011% |
| 179 | 13.911 | 13.876 | 13.934 | VV | 3616   | 59042   | 0.44%  | 0.024% |
| 180 | 13.953 | 13.934 | 13.982 | VV | 2546   | 34591   | 0.26%  | 0.014% |
|     |        |        |        |    |        |         |        |        |
| 181 | 14.006 | 13.982 | 14.021 | VV | 368    | 5493    | 0.04%  | 0.002% |
| 182 | 14.083 | 14.021 | 14.121 | PV | 760    | 19749   | 0.15%  | 0.008% |
| 183 | 14.142 | 14.121 | 14.165 | PV | 376    | 5269    | 0.04%  | 0.002% |
| 184 | 14.247 | 14.165 | 14.272 | PV | 1941   | 49207   | 0.37%  | 0.020% |
| 185 | 14.291 | 14.272 | 14.309 | VV | 1591   | 27091   | 0.20%  | 0.011% |
|     |        |        |        |    |        |         |        |        |
| 186 | 14.370 | 14.309 | 14.397 | VV | 2114   | 81292   | 0.61%  | 0.033% |
| 187 | 14.414 | 14.397 | 14.437 | VV | 2550   | 42616   | 0.32%  | 0.017% |
| 188 | 14.479 | 14.437 | 14.523 | VV | 2785   | 89007   | 0.67%  | 0.036% |
| 189 | 14.551 | 14.523 | 14.589 | VV | 3118   | 79471   | 0.59%  | 0.032% |
| 190 | 14.610 | 14.589 | 14.653 | VV | 4533   | 91931   | 0.69%  | 0.037% |
|     |        |        |        |    |        |         |        |        |
| 191 | 14.693 | 14.653 | 14.712 | VV | 1599   | 48936   | 0.37%  | 0.020% |
| 192 | 14.728 | 14.712 | 14.756 | VV | 1642   | 31566   | 0.24%  | 0.013% |
| 193 | 14.769 | 14.756 | 14.782 | VV | 1246   | 18625   | 0.14%  | 0.008% |
| 194 | 14.806 | 14.782 | 14.832 | VV | 1848   | 34975   | 0.26%  | 0.014% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 15.084 | 15.039 | 15.117 | VV | 2409   | 67863   | 0.51%  | 0.028% |
| 196 | 15.131 | 15.117 | 15.177 | VV | 1492   | 32918   | 0.25%  | 0.013% |
| 197 | 15.236 | 15.177 | 15.252 | PV | 1216   | 24691   | 0.18%  | 0.010% |
| 198 | 15.276 | 15.252 | 15.304 | VV | 1230   | 30044   | 0.22%  | 0.012% |
| 199 | 15.426 | 15.414 | 15.447 | VV | 988    | 11381   | 0.09%  | 0.005% |
| 200 | 15.470 | 15.447 | 15.494 | PV | 2730   | 43370   | 0.32%  | 0.018% |
| 201 | 15.505 | 15.494 | 15.526 | VV | 1448   | 20372   | 0.15%  | 0.008% |
| 202 | 15.551 | 15.526 | 15.569 | VV | 3049   | 46898   | 0.35%  | 0.019% |
| 203 | 15.593 | 15.569 | 15.612 | VV | 6054   | 89710   | 0.67%  | 0.037% |
| 204 | 15.629 | 15.612 | 15.664 | VV | 3515   | 71852   | 0.54%  | 0.029% |
| 205 | 15.705 | 15.664 | 15.712 | VV | 2350   | 53216   | 0.40%  | 0.022% |
| 206 | 15.760 | 15.712 | 15.805 | VV | 4368   | 179121  | 1.34%  | 0.073% |
| 207 | 15.855 | 15.805 | 15.876 | VV | 3165   | 112783  | 0.84%  | 0.046% |
| 208 | 15.884 | 15.876 | 15.891 | VV | 2721   | 24796   | 0.19%  | 0.010% |
| 209 | 15.969 | 15.891 | 15.996 | VV | 5150   | 208660  | 1.56%  | 0.085% |
| 210 | 16.027 | 15.996 | 16.049 | VV | 3618   | 105698  | 0.79%  | 0.043% |
| 211 | 16.057 | 16.049 | 16.067 | VV | 2965   | 31171   | 0.23%  | 0.013% |
| 212 | 16.094 | 16.067 | 16.114 | VV | 2894   | 72445   | 0.54%  | 0.029% |
| 213 | 16.188 | 16.114 | 16.214 | VV | 4448   | 192368  | 1.44%  | 0.078% |
| 214 | 16.229 | 16.214 | 16.239 | VV | 3967   | 52789   | 0.39%  | 0.021% |
| 215 | 16.271 | 16.239 | 16.315 | VV | 9180   | 256960  | 1.92%  | 0.105% |
| 216 | 16.347 | 16.315 | 16.369 | VV | 7351   | 181456  | 1.36%  | 0.074% |
| 217 | 16.380 | 16.369 | 16.411 | VV | 5544   | 126917  | 0.95%  | 0.052% |
| 218 | 16.478 | 16.411 | 16.499 | VV | 18442  | 464462  | 3.47%  | 0.189% |
| 219 | 16.508 | 16.499 | 16.543 | VV | 9481   | 187843  | 1.41%  | 0.076% |
| 220 | 16.613 | 16.543 | 16.636 | VV | 8437   | 343006  | 2.57%  | 0.140% |
| 221 | 16.643 | 16.636 | 16.654 | VV | 6194   | 65889   | 0.49%  | 0.027% |
| 222 | 16.674 | 16.654 | 16.692 | VV | 6527   | 140504  | 1.05%  | 0.057% |
| 223 | 16.759 | 16.692 | 16.781 | VV | 9002   | 373541  | 2.79%  | 0.152% |
| 224 | 16.801 | 16.781 | 16.833 | VV | 16062  | 340257  | 2.55%  | 0.138% |
| 225 | 16.862 | 16.833 | 16.889 | VV | 17119  | 384067  | 2.87%  | 0.156% |
| 226 | 16.915 | 16.889 | 16.937 | VV | 14817  | 340816  | 2.55%  | 0.139% |
| 227 | 16.962 | 16.937 | 16.986 | VV | 16980  | 397798  | 2.98%  | 0.162% |
| 228 | 16.992 | 16.986 | 17.006 | VV | 11716  | 136095  | 1.02%  | 0.055% |
| 229 | 17.052 | 17.006 | 17.066 | VV | 11749  | 408912  | 3.06%  | 0.166% |
| 230 | 17.108 | 17.066 | 17.142 | VV | 14270  | 599547  | 4.49%  | 0.244% |
| 231 | 17.175 | 17.142 | 17.192 | VV | 16061  | 442186  | 3.31%  | 0.180% |
| 232 | 17.248 | 17.192 | 17.267 | VV | 16994  | 694019  | 5.19%  | 0.282% |
| 233 | 17.288 | 17.267 | 17.304 | VV | 16928  | 348413  | 2.61%  | 0.142% |
| 234 | 17.315 | 17.304 | 17.327 | VV | 15937  | 216921  | 1.62%  | 0.088% |
| 235 | 17.361 | 17.327 | 17.401 | VV | 23599  | 804953  | 6.02%  | 0.328% |
| 236 | 17.413 | 17.401 | 17.431 | VV | 16779  | 290696  | 2.17%  | 0.118% |
| 237 | 17.450 | 17.431 | 17.469 | VV | 17671  | 379138  | 2.84%  | 0.154% |
| 238 | 17.493 | 17.469 | 17.506 | VV | 19731  | 396656  | 2.97%  | 0.161% |
| 239 | 17.526 | 17.506 | 17.535 | VV | 18825  | 326330  | 2.44%  | 0.133% |
| 240 | 17.553 | 17.535 | 17.566 | VV | 19192  | 346064  | 2.59%  | 0.141% |
| 241 | 17.651 | 17.566 | 17.667 | VV | 22465  | 1249515 | 9.35%  | 0.508% |
| 242 | 17.757 | 17.667 | 17.771 | VV | 27765  | 1564789 | 11.71% | 0.637% |
| 243 | 17.799 | 17.771 | 17.844 | VV | 36637  | 1371485 | 10.26% | 0.558% |
| 244 | 17.869 | 17.844 | 17.881 | VV | 31178  | 654000  | 4.89%  | 0.266% |
| 245 | 17.896 | 17.881 | 17.913 | VV | 31459  | 591100  | 4.42%  | 0.241% |
| 246 | 17.961 | 17.913 | 17.994 | VV | 38120  | 1638522 | 12.26% | 0.667% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 247    | 18.004 | 17.994 | 18.027 | VV | 33659  | 631778   | 4.73%  | 0.257% |
| 248    | 18.045 | 18.027 | 18.081 | VV | 32422  | 1017906  | 7.62%  | 0.414% |
| 249    | 18.091 | 18.081 | 18.103 | VV | 32608  | 428908   | 3.21%  | 0.175% |
| 250    | 18.167 | 18.103 | 18.197 | VV | 45320  | 2121293  | 15.87% | 0.863% |
| 251    | 18.230 | 18.197 | 18.262 | VV | 43706  | 1522864  | 11.39% | 0.620% |
| 252    | 18.280 | 18.262 | 18.309 | VV | 38800  | 1049803  | 7.85%  | 0.427% |
| 253    | 18.330 | 18.309 | 18.349 | VV | 45459  | 1011402  | 7.57%  | 0.412% |
| 254    | 18.368 | 18.349 | 18.379 | VV | 42448  | 752610   | 5.63%  | 0.306% |
| 255    | 18.395 | 18.379 | 18.419 | VV | 44940  | 1036678  | 7.76%  | 0.422% |
| 256    | 18.444 | 18.419 | 18.455 | VV | 44007  | 921098   | 6.89%  | 0.375% |
| 257    | 18.491 | 18.455 | 18.518 | VV | 50612  | 1710920  | 12.80% | 0.696% |
| 258    | 18.541 | 18.518 | 18.551 | VV | 45923  | 895565   | 6.70%  | 0.364% |
| 259    | 18.559 | 18.551 | 18.568 | VV | 44654  | 445892   | 3.34%  | 0.181% |
| 260    | 18.625 | 18.568 | 18.656 | VV | 59352  | 2621898  | 19.61% | 1.067% |
| 261    | 18.669 | 18.656 | 18.681 | VV | 46727  | 694472   | 5.20%  | 0.283% |
| 262    | 18.746 | 18.681 | 18.769 | VV | 54626  | 2623349  | 19.63% | 1.067% |
| 263    | 18.801 | 18.769 | 18.826 | VV | 56979  | 1814202  | 13.57% | 0.738% |
| 264    | 18.892 | 18.826 | 18.906 | VV | 58018  | 2577551  | 19.28% | 1.049% |
| 265    | 18.999 | 18.906 | 19.044 | VV | 72037  | 5321495  | 39.81% | 2.165% |
| 266    | 19.083 | 19.044 | 19.106 | VV | 69392  | 2510579  | 18.78% | 1.022% |
| 267    | 19.144 | 19.106 | 19.156 | VV | 72964  | 2095361  | 15.68% | 0.853% |
| 268    | 19.176 | 19.156 | 19.205 | VV | 71578  | 2107491  | 15.77% | 0.858% |
| 269    | 19.403 | 19.205 | 19.436 | VV | 84433  | 10539037 | 78.84% | 4.289% |
| 270    | 19.458 | 19.436 | 19.481 | VV | 85528  | 2225449  | 16.65% | 0.906% |
| 271    | 19.507 | 19.481 | 19.516 | VV | 84905  | 1737429  | 13.00% | 0.707% |
| 272    | 19.555 | 19.516 | 19.571 | VV | 90280  | 2839913  | 21.25% | 1.156% |
| 273    | 19.608 | 19.571 | 19.619 | VV | 91025  | 2579133  | 19.30% | 1.050% |
| 274    | 19.653 | 19.619 | 19.677 | VV | 100711 | 3369505  | 25.21% | 1.371% |
| 275    | 19.689 | 19.677 | 19.702 | VV | 96641  | 1427812  | 10.68% | 0.581% |
| 276    | 19.720 | 19.702 | 19.737 | VV | 98020  | 2028332  | 15.17% | 0.825% |
| 277    | 19.777 | 19.737 | 19.803 | VV | 104723 | 3960288  | 29.63% | 1.612% |
| 278    | 19.822 | 19.803 | 19.857 | VV | 100125 | 3121167  | 23.35% | 1.270% |
| 279    | 19.937 | 19.857 | 19.976 | VV | 110956 | 7418113  | 55.50% | 3.019% |
| 280    | 20.027 | 19.976 | 20.036 | VV | 116563 | 4028579  | 30.14% | 1.639% |
| 281    | 20.043 | 20.036 | 20.062 | VV | 116667 | 1830428  | 13.69% | 0.745% |
| 282    | 20.148 | 20.062 | 20.178 | VV | 133404 | 8457384  | 63.27% | 3.441% |
| 283    | 20.243 | 20.178 | 20.258 | VV | 127829 | 5978779  | 44.73% | 2.433% |
| 284    | 20.275 | 20.258 | 20.289 | VV | 131322 | 2431277  | 18.19% | 0.989% |
| 285    | 20.322 | 20.289 | 20.338 | VV | 137717 | 3998556  | 29.91% | 1.627% |
| 286    | 20.351 | 20.338 | 20.359 | VV | 136711 | 1694692  | 12.68% | 0.690% |
| 287    | 20.394 | 20.359 | 20.402 | VV | 139889 | 3572803  | 26.73% | 1.454% |
| 288    | 20.420 | 20.402 | 20.444 | VV | 141900 | 3484089  | 26.07% | 1.418% |
| 289    | 20.461 | 20.444 | 20.492 | VV | 139599 | 3959837  | 29.62% | 1.611% |
| 290    | 20.512 | 20.492 | 20.544 | VV | 134753 | 4052421  | 30.32% | 1.649% |
| 291    | 20.554 | 20.544 | 20.589 | VV | 127014 | 3392725  | 25.38% | 1.381% |
| 292    | 20.677 | 20.589 | 20.726 | VV | 135860 | 10690318 | 79.98% | 4.350% |
| 293    | 20.734 | 20.726 | 20.747 | VV | 130632 | 1681304  | 12.58% | 0.684% |
| 294    | 20.769 | 20.747 | 20.834 | VV | 132290 | 6569398  | 49.15% | 2.673% |
| 295    | 20.875 | 20.834 | 20.884 | VV | 124661 | 3682155  | 27.55% | 1.498% |
| 296    | 20.890 | 20.884 | 20.935 | VV | 124657 | 3719857  | 27.83% | 1.514% |
| 297    | 20.953 | 20.935 | 20.967 | VV | 119167 | 2275101  | 17.02% | 0.926% |
| 298    | 20.977 | 20.967 | 20.986 | VV | 116983 | 1315708  | 9.84%  | 0.535% |
| 299    | 21.033 | 20.986 | 21.077 | VV | 120170 | 6380241  | 47.73% | 2.596% |

|     |        |        |        |     |                         |           |         |        |
|-----|--------|--------|--------|-----|-------------------------|-----------|---------|--------|
|     |        |        |        |     | rters                   |           |         |        |
| 300 | 21.105 | 21.077 | 21.121 | VV  | 114838                  | 2989754   | 22.37%  | 1.217% |
| 301 | 21.145 | 21.121 | 21.184 | VV  | 115211                  | 4314309   | 32.28%  | 1.756% |
| 302 | 21.200 | 21.184 | 21.212 | VV  | 113912                  | 1913970   | 14.32%  | 0.779% |
| 303 | 21.241 | 21.212 | 21.259 | VV  | 117042                  | 3213997   | 24.04%  | 1.308% |
| 304 | 21.283 | 21.259 | 21.310 | VV  | 114705                  | 3478604   | 26.02%  | 1.416% |
| 305 | 21.339 | 21.310 | 21.359 | VV  | 116485                  | 3356968   | 25.11%  | 1.366% |
| 306 | 21.362 | 21.359 | 21.421 | VV  | 113878                  | 4102225   | 30.69%  | 1.669% |
| 307 | 21.436 | 21.421 | 21.447 | VV  | 109284                  | 1727823   | 12.93%  | 0.703% |
| 308 | 21.456 | 21.447 | 21.536 | VV  | 109123                  | 5545468   | 41.49%  | 2.257% |
| 309 | 21.645 | 21.536 | 21.742 | VV  | 115848                  | 13366801  | 100.00% | 5.439% |
| 310 | 21.756 | 21.742 | 21.777 | VV  | 101028                  | 2113536   | 15.81%  | 0.860% |
| 311 | 21.833 | 21.777 | 21.852 | VV  | 103971                  | 4583004   | 34.29%  | 1.865% |
| 312 | 21.857 | 21.852 | 21.881 | VBA | 102183                  | 1789347   | 13.39%  | 0.728% |
|     |        |        |        |     | Sum of corrected areas: | 245748218 |         |        |

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