

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC110119AL\  
 Data File : FC044324.D  
 Signal(s) : FID1A.CH  
 Acq On : 01 Nov 2019 17:26  
 Sample : K5628-01RE  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 102219.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         | 3.497       | 3.488        | 3.520      | VV       | 122            | 1330         | 0.02%          | 0.003%        |
| 2         | 3.539       | 3.520        | 3.571      | PV       | 219            | 3619         | 0.06%          | 0.009%        |
| 3         | 3.592       | 3.571        | 3.644      | VV       | 160            | 4504         | 0.07%          | 0.011%        |
| 4         | 3.657       | 3.644        | 3.669      | VV       | 120            | 1459         | 0.02%          | 0.004%        |
| 5         | 3.690       | 3.669        | 3.702      | VV       | 165            | 1575         | 0.02%          | 0.004%        |
| 6         | 3.731       | 3.702        | 3.797      | PV       | 1024           | 15863        | 0.24%          | 0.039%        |
| 7         | 3.822       | 3.797        | 3.834      | VV       | 239            | 3259         | 0.05%          | 0.008%        |
| 8         | 3.894       | 3.834        | 3.911      | VV       | 143            | 4913         | 0.08%          | 0.012%        |
| 9         | 3.920       | 3.911        | 3.942      | PV       | 115            | 1520         | 0.02%          | 0.004%        |
| 10        | 3.964       | 3.942        | 3.992      | VV       | 117            | 2530         | 0.04%          | 0.006%        |
| 11        | 4.038       | 3.992        | 4.052      | VV       | 179            | 3754         | 0.06%          | 0.009%        |
| 12        | 4.058       | 4.052        | 4.079      | VV       | 158            | 1407         | 0.02%          | 0.003%        |
| 13        | 4.097       | 4.079        | 4.122      | PV       | 3547           | 29228        | 0.45%          | 0.073%        |
| 14        | 4.134       | 4.122        | 4.187      | VV       | 734            | 11287        | 0.17%          | 0.028%        |
| 15        | 4.197       | 4.187        | 4.250      | VV       | 155            | 3974         | 0.06%          | 0.010%        |
| 16        | 4.280       | 4.250        | 4.316      | VV       | 820            | 13855        | 0.21%          | 0.034%        |
| 17        | 4.323       | 4.316        | 4.339      | VV       | 311            | 3710         | 0.06%          | 0.009%        |
| 18        | 4.352       | 4.339        | 4.389      | VV       | 332            | 6116         | 0.09%          | 0.015%        |
| 19        | 4.403       | 4.389        | 4.438      | VV       | 200            | 3767         | 0.06%          | 0.009%        |
| 20        | 4.455       | 4.438        | 4.472      | VV       | 309            | 3956         | 0.06%          | 0.010%        |
| 21        | 4.498       | 4.472        | 4.508      | VV       | 266            | 4350         | 0.07%          | 0.011%        |
| 22        | 4.522       | 4.508        | 4.546      | VV       | 347            | 5473         | 0.08%          | 0.014%        |
| 23        | 4.569       | 4.546        | 4.596      | VV       | 253            | 5564         | 0.09%          | 0.014%        |
| 24        | 4.615       | 4.596        | 4.642      | VV       | 559            | 7186         | 0.11%          | 0.018%        |
| 25        | 4.669       | 4.642        | 4.689      | VV       | 942            | 10508        | 0.16%          | 0.026%        |
| 26        | 4.700       | 4.689        | 4.714      | VV       | 212            | 2289         | 0.04%          | 0.006%        |
| 27        | 4.741       | 4.714        | 4.779      | VV       | 430            | 9106         | 0.14%          | 0.023%        |
| 28        | 4.784       | 4.779        | 4.804      | VV       | 225            | 1946         | 0.03%          | 0.005%        |
| 29        | 4.813       | 4.804        | 4.836      | VV       | 184            | 2695         | 0.04%          | 0.007%        |
| 30        | 4.856       | 4.836        | 4.894      | VV       | 238            | 5788         | 0.09%          | 0.014%        |
| 31        | 4.910       | 4.894        | 4.947      | VV       | 266            | 4024         | 0.06%          | 0.010%        |
| 32        | 4.981       | 4.947        | 4.992      | VV       | 172            | 2624         | 0.04%          | 0.007%        |
| 33        | 5.058       | 4.992        | 5.071      | PV       | 333            | 5758         | 0.09%          | 0.014%        |
| 34        | 5.084       | 5.071        | 5.105      | VV       | 250            | 3336         | 0.05%          | 0.008%        |
| 35        | 5.120       | 5.105        | 5.141      | VV       | 363            | 4920         | 0.08%          | 0.012%        |
| 36        | 5.159       | 5.141        | 5.190      | VV       | 1503           | 16877        | 0.26%          | 0.042%        |

|    |       |       |       |    | rt   | er    |       |        |
|----|-------|-------|-------|----|------|-------|-------|--------|
| 37 | 5.217 | 5.190 | 5.259 | VV | 911  | 11572 | 0.18% | 0.029% |
| 38 | 5.265 | 5.259 | 5.276 | VV | 134  | 1479  | 0.02% | 0.004% |
| 39 | 5.281 | 5.276 | 5.306 | VV | 165  | 1980  | 0.03% | 0.005% |
| 40 | 5.321 | 5.306 | 5.339 | PV | 203  | 2604  | 0.04% | 0.006% |
| 41 | 5.352 | 5.339 | 5.368 | VV | 433  | 4942  | 0.08% | 0.012% |
| 42 | 5.382 | 5.368 | 5.454 | VV | 347  | 7932  | 0.12% | 0.020% |
| 43 | 5.458 | 5.454 | 5.509 | VV | 187  | 3632  | 0.06% | 0.009% |
| 44 | 5.531 | 5.509 | 5.549 | VV | 308  | 4312  | 0.07% | 0.011% |
| 45 | 5.606 | 5.549 | 5.634 | VV | 1318 | 19858 | 0.30% | 0.049% |
| 46 | 5.664 | 5.634 | 5.708 | VV | 577  | 8822  | 0.13% | 0.022% |
| 47 | 5.745 | 5.708 | 5.774 | VV | 165  | 3851  | 0.06% | 0.010% |
| 48 | 5.789 | 5.774 | 5.817 | VV | 260  | 3070  | 0.05% | 0.008% |
| 49 | 5.836 | 5.817 | 5.859 | VV | 242  | 2923  | 0.04% | 0.007% |
| 50 | 5.874 | 5.859 | 5.884 | VV | 160  | 1612  | 0.02% | 0.004% |
| 51 | 5.907 | 5.884 | 5.926 | VV | 250  | 2983  | 0.05% | 0.007% |
| 52 | 5.940 | 5.926 | 5.981 | VV | 287  | 4005  | 0.06% | 0.010% |
| 53 | 5.992 | 5.981 | 6.007 | VV | 111  | 1311  | 0.02% | 0.003% |
| 54 | 6.023 | 6.007 | 6.057 | PV | 137  | 1993  | 0.03% | 0.005% |
| 55 | 6.071 | 6.057 | 6.089 | VV | 196  | 1711  | 0.03% | 0.004% |
| 56 | 6.120 | 6.089 | 6.160 | VV | 2057 | 31533 | 0.48% | 0.078% |
| 57 | 6.175 | 6.160 | 6.197 | VV | 570  | 7065  | 0.11% | 0.018% |
| 58 | 6.205 | 6.197 | 6.237 | VV | 229  | 3200  | 0.05% | 0.008% |
| 59 | 6.259 | 6.237 | 6.321 | VV | 860  | 12187 | 0.19% | 0.030% |
| 60 | 6.341 | 6.321 | 6.369 | VV | 153  | 2694  | 0.04% | 0.007% |
| 61 | 6.392 | 6.369 | 6.434 | VV | 316  | 6527  | 0.10% | 0.016% |
| 62 | 6.462 | 6.434 | 6.512 | VV | 325  | 4658  | 0.07% | 0.012% |
| 63 | 6.545 | 6.512 | 6.596 | VV | 372  | 8692  | 0.13% | 0.022% |
| 64 | 6.637 | 6.596 | 6.657 | VV | 153  | 3224  | 0.05% | 0.008% |
| 65 | 6.671 | 6.657 | 6.715 | VV | 509  | 6656  | 0.10% | 0.017% |
| 66 | 6.756 | 6.715 | 6.791 | PV | 182  | 4299  | 0.07% | 0.011% |
| 67 | 6.797 | 6.791 | 6.812 | VV | 87   | 1263  | 0.02% | 0.003% |
| 68 | 6.826 | 6.812 | 6.852 | VV | 120  | 1925  | 0.03% | 0.005% |
| 69 | 6.876 | 6.852 | 6.916 | PV | 289  | 4777  | 0.07% | 0.012% |
| 70 | 6.950 | 6.916 | 6.982 | VV | 160  | 3400  | 0.05% | 0.008% |
| 71 | 7.011 | 6.982 | 7.112 | VV | 468  | 15273 | 0.23% | 0.038% |
| 72 | 7.137 | 7.112 | 7.145 | VV | 196  | 2431  | 0.04% | 0.006% |
| 73 | 7.180 | 7.145 | 7.196 | VV | 865  | 11688 | 0.18% | 0.029% |
| 74 | 7.204 | 7.196 | 7.238 | VV | 886  | 10289 | 0.16% | 0.026% |
| 75 | 7.250 | 7.238 | 7.271 | VV | 241  | 3118  | 0.05% | 0.008% |
| 76 | 7.278 | 7.271 | 7.297 | VV | 163  | 1396  | 0.02% | 0.003% |
| 77 | 7.316 | 7.297 | 7.367 | VV | 767  | 11597 | 0.18% | 0.029% |
| 78 | 7.375 | 7.367 | 7.396 | VV | 159  | 2065  | 0.03% | 0.005% |
| 79 | 7.405 | 7.396 | 7.415 | VV | 251  | 1387  | 0.02% | 0.003% |
| 80 | 7.431 | 7.415 | 7.448 | VV | 181  | 2637  | 0.04% | 0.007% |
| 81 | 7.471 | 7.448 | 7.491 | VV | 311  | 4387  | 0.07% | 0.011% |
| 82 | 7.543 | 7.516 | 7.587 | PV | 192  | 4097  | 0.06% | 0.010% |
| 83 | 7.596 | 7.587 | 7.606 | VV | 151  | 1151  | 0.02% | 0.003% |
| 84 | 7.628 | 7.606 | 7.658 | VV | 660  | 8221  | 0.13% | 0.020% |
| 85 | 7.703 | 7.658 | 7.718 | VV | 364  | 5624  | 0.09% | 0.014% |
| 86 | 7.735 | 7.718 | 7.754 | VV | 270  | 3272  | 0.05% | 0.008% |
| 87 | 7.885 | 7.867 | 7.919 | VV | 971  | 19702 | 0.30% | 0.049% |
| 88 | 7.926 | 7.919 | 8.029 | VV | 379  | 14066 | 0.22% | 0.035% |
| 89 | 8.067 | 8.029 | 8.109 | VV | 335  | 8743  | 0.13% | 0.022% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 90  | 8.170  | 8.109  | 8.199  | VV | 473    | 12908  | 0.20% | 0.032% |
| 91  | 8.243  | 8.199  | 8.256  | VV | 318    | 6792   | 0.10% | 0.017% |
| 92  | 8.279  | 8.256  | 8.293  | VV | 1015   | 12444  | 0.19% | 0.031% |
| 93  | 8.308  | 8.293  | 8.324  | VV | 1035   | 12326  | 0.19% | 0.031% |
| 94  | 8.341  | 8.324  | 8.382  | VV | 718    | 11623  | 0.18% | 0.029% |
| 95  | 8.407  | 8.382  | 8.447  | VV | 33177  | 321676 | 4.92% | 0.798% |
| 96  | 8.467  | 8.447  | 8.509  | VV | 2212   | 29948  | 0.46% | 0.074% |
| 97  | 8.519  | 8.509  | 8.540  | VV | 192    | 3098   | 0.05% | 0.008% |
| 98  | 8.556  | 8.540  | 8.634  | VV | 313    | 8765   | 0.13% | 0.022% |
| 99  | 8.761  | 8.742  | 8.790  | VV | 2298   | 28101  | 0.43% | 0.070% |
| 100 | 8.814  | 8.790  | 8.864  | VV | 491    | 13701  | 0.21% | 0.034% |
| 101 | 8.877  | 8.864  | 8.915  | VV | 374    | 7252   | 0.11% | 0.018% |
| 102 | 8.922  | 8.915  | 8.941  | VV | 233    | 1917   | 0.03% | 0.005% |
| 103 | 8.971  | 8.941  | 8.984  | VV | 348    | 5802   | 0.09% | 0.014% |
| 104 | 9.000  | 8.984  | 9.014  | VV | 378    | 5109   | 0.08% | 0.013% |
| 105 | 9.033  | 9.014  | 9.052  | VV | 1437   | 15355  | 0.23% | 0.038% |
| 106 | 9.074  | 9.052  | 9.114  | VV | 509    | 12932  | 0.20% | 0.032% |
| 107 | 9.118  | 9.114  | 9.139  | VV | 280    | 2981   | 0.05% | 0.007% |
| 108 | 9.167  | 9.139  | 9.190  | VV | 1142   | 15507  | 0.24% | 0.038% |
| 109 | 9.209  | 9.190  | 9.254  | VV | 598    | 8991   | 0.14% | 0.022% |
| 110 | 9.261  | 9.254  | 9.302  | VV | 234    | 2114   | 0.03% | 0.005% |
| 111 | 9.324  | 9.302  | 9.340  | PV | 517    | 6503   | 0.10% | 0.016% |
| 112 | 9.356  | 9.340  | 9.397  | VV | 676    | 9112   | 0.14% | 0.023% |
| 113 | 9.410  | 9.397  | 9.437  | VV | 322    | 4805   | 0.07% | 0.012% |
| 114 | 9.462  | 9.437  | 9.479  | VV | 589    | 7547   | 0.12% | 0.019% |
| 115 | 9.490  | 9.479  | 9.522  | VV | 1787   | 25545  | 0.39% | 0.063% |
| 116 | 9.545  | 9.522  | 9.599  | VV | 4356   | 56757  | 0.87% | 0.141% |
| 117 | 9.625  | 9.599  | 9.654  | VV | 704    | 13811  | 0.21% | 0.034% |
| 118 | 9.667  | 9.654  | 9.677  | VV | 408    | 4666   | 0.07% | 0.012% |
| 119 | 9.695  | 9.677  | 9.741  | VV | 1117   | 19524  | 0.30% | 0.048% |
| 120 | 9.757  | 9.741  | 9.781  | VV | 534    | 7968   | 0.12% | 0.020% |
| 121 | 9.809  | 9.781  | 9.841  | VV | 435    | 8819   | 0.13% | 0.022% |
| 122 | 9.866  | 9.841  | 9.897  | VV | 1404   | 20251  | 0.31% | 0.050% |
| 123 | 9.908  | 9.897  | 9.927  | VV | 386    | 5064   | 0.08% | 0.013% |
| 124 | 9.968  | 9.927  | 10.012 | VV | 2194   | 45121  | 0.69% | 0.112% |
| 125 | 10.029 | 10.012 | 10.092 | VV | 421    | 10105  | 0.15% | 0.025% |
| 126 | 10.125 | 10.092 | 10.155 | VV | 224    | 5494   | 0.08% | 0.014% |
| 127 | 10.173 | 10.155 | 10.193 | VV | 125    | 1599   | 0.02% | 0.004% |
| 128 | 10.232 | 10.193 | 10.244 | PV | 214    | 2315   | 0.04% | 0.006% |
| 129 | 10.290 | 10.244 | 10.309 | VV | 593    | 9102   | 0.14% | 0.023% |
| 130 | 10.336 | 10.309 | 10.361 | VV | 506    | 8561   | 0.13% | 0.021% |
| 131 | 10.399 | 10.361 | 10.408 | VV | 745    | 12306  | 0.19% | 0.031% |
| 132 | 10.427 | 10.408 | 10.452 | VV | 1600   | 23145  | 0.35% | 0.057% |
| 133 | 10.469 | 10.452 | 10.503 | VV | 1034   | 13981  | 0.21% | 0.035% |
| 134 | 10.545 | 10.503 | 10.572 | VV | 983    | 21477  | 0.33% | 0.053% |
| 135 | 10.598 | 10.572 | 10.651 | VV | 3356   | 48303  | 0.74% | 0.120% |
| 136 | 10.684 | 10.651 | 10.699 | VV | 1139   | 18240  | 0.28% | 0.045% |
| 137 | 10.716 | 10.699 | 10.729 | VV | 1149   | 13358  | 0.20% | 0.033% |
| 138 | 10.753 | 10.729 | 10.781 | VV | 3185   | 47917  | 0.73% | 0.119% |
| 139 | 10.820 | 10.781 | 10.831 | VV | 481    | 10920  | 0.17% | 0.027% |
| 140 | 10.848 | 10.831 | 10.866 | VV | 852    | 11345  | 0.17% | 0.028% |
| 141 | 10.884 | 10.866 | 10.904 | VV | 385    | 7169   | 0.11% | 0.018% |

|     |        |        |        |    | rteres |         |         |         |
|-----|--------|--------|--------|----|--------|---------|---------|---------|
| 142 | 10.954 | 10.904 | 11.002 | VV | 81821  | 1162636 | 17.78%  | 2.885%  |
| 143 | 11.025 | 11.002 | 11.092 | VV | 20605  | 251186  | 3.84%   | 0.623%  |
| 144 | 11.105 | 11.092 | 11.132 | VV | 631    | 11015   | 0.17%   | 0.027%  |
| 145 | 11.140 | 11.132 | 11.174 | VV | 455    | 8943    | 0.14%   | 0.022%  |
| 146 | 11.195 | 11.174 | 11.214 | VV | 1308   | 15655   | 0.24%   | 0.039%  |
| 147 | 11.236 | 11.214 | 11.286 | VV | 5906   | 70299   | 1.08%   | 0.174%  |
| 148 | 11.314 | 11.286 | 11.330 | VV | 586    | 10089   | 0.15%   | 0.025%  |
| 149 | 11.357 | 11.330 | 11.369 | VV | 746    | 12593   | 0.19%   | 0.031%  |
| 150 | 11.388 | 11.369 | 11.412 | VV | 1012   | 15949   | 0.24%   | 0.040%  |
| 151 | 11.483 | 11.412 | 11.519 | VV | 2433   | 65631   | 1.00%   | 0.163%  |
| 152 | 11.551 | 11.519 | 11.572 | VV | 1080   | 18096   | 0.28%   | 0.045%  |
| 153 | 11.604 | 11.572 | 11.620 | VV | 1150   | 18338   | 0.28%   | 0.046%  |
| 154 | 11.650 | 11.620 | 11.679 | VV | 2381   | 41096   | 0.63%   | 0.102%  |
| 155 | 11.716 | 11.679 | 11.741 | VV | 145533 | 1568486 | 23.99%  | 3.893%  |
| 156 | 11.754 | 11.741 | 11.770 | VV | 7899   | 86957   | 1.33%   | 0.216%  |
| 157 | 11.786 | 11.770 | 11.829 | VV | 10488  | 124680  | 1.91%   | 0.309%  |
| 158 | 11.871 | 11.829 | 11.889 | VV | 9808   | 154383  | 2.36%   | 0.383%  |
| 159 | 11.904 | 11.889 | 11.917 | VV | 4415   | 46713   | 0.71%   | 0.116%  |
| 160 | 11.935 | 11.917 | 11.959 | VV | 7387   | 87292   | 1.34%   | 0.217%  |
| 161 | 11.973 | 11.959 | 11.989 | VV | 527    | 6221    | 0.10%   | 0.015%  |
| 162 | 12.009 | 11.989 | 12.027 | VV | 976    | 12599   | 0.19%   | 0.031%  |
| 163 | 12.058 | 12.027 | 12.085 | VV | 1054   | 22192   | 0.34%   | 0.055%  |
| 164 | 12.109 | 12.085 | 12.132 | VV | 6645   | 74352   | 1.14%   | 0.185%  |
| 165 | 12.187 | 12.132 | 12.204 | VV | 3767   | 107454  | 1.64%   | 0.267%  |
| 166 | 12.224 | 12.204 | 12.246 | VV | 8333   | 120847  | 1.85%   | 0.300%  |
| 167 | 12.257 | 12.246 | 12.277 | VV | 2846   | 48941   | 0.75%   | 0.121%  |
| 168 | 12.339 | 12.277 | 12.424 | VV | 377329 | 6538034 | 100.00% | 16.226% |
| 169 | 12.431 | 12.424 | 12.463 | VV | 1894   | 39641   | 0.61%   | 0.098%  |
| 170 | 12.476 | 12.463 | 12.489 | VV | 1865   | 27003   | 0.41%   | 0.067%  |
| 171 | 12.498 | 12.489 | 12.526 | VV | 1955   | 35196   | 0.54%   | 0.087%  |
| 172 | 12.546 | 12.526 | 12.584 | VV | 2716   | 58708   | 0.90%   | 0.146%  |
| 173 | 12.606 | 12.584 | 12.637 | VV | 5176   | 78413   | 1.20%   | 0.195%  |
| 174 | 12.657 | 12.637 | 12.675 | VV | 4618   | 63331   | 0.97%   | 0.157%  |
| 175 | 12.695 | 12.675 | 12.711 | VV | 2982   | 50619   | 0.77%   | 0.126%  |
| 176 | 12.718 | 12.711 | 12.742 | VV | 2433   | 31838   | 0.49%   | 0.079%  |
| 177 | 12.774 | 12.742 | 12.814 | VV | 103345 | 1152777 | 17.63%  | 2.861%  |
| 178 | 12.835 | 12.814 | 12.856 | VV | 1387   | 24071   | 0.37%   | 0.060%  |
| 179 | 12.929 | 12.856 | 12.941 | VV | 2154   | 61438   | 0.94%   | 0.152%  |
| 180 | 12.963 | 12.941 | 13.045 | VV | 3965   | 122087  | 1.87%   | 0.303%  |
| 181 | 13.075 | 13.045 | 13.107 | VV | 75078  | 822369  | 12.58%  | 2.041%  |
| 182 | 13.149 | 13.107 | 13.189 | VV | 138995 | 1782588 | 27.26%  | 4.424%  |
| 183 | 13.214 | 13.189 | 13.227 | VV | 819    | 15084   | 0.23%   | 0.037%  |
| 184 | 13.246 | 13.227 | 13.258 | VV | 3038   | 36734   | 0.56%   | 0.091%  |
| 185 | 13.270 | 13.258 | 13.293 | VV | 2687   | 37960   | 0.58%   | 0.094%  |
| 186 | 13.334 | 13.293 | 13.359 | VV | 12595  | 207667  | 3.18%   | 0.515%  |
| 187 | 13.383 | 13.359 | 13.402 | VV | 34588  | 480514  | 7.35%   | 1.193%  |
| 188 | 13.416 | 13.402 | 13.461 | VV | 19628  | 417713  | 6.39%   | 1.037%  |
| 189 | 13.467 | 13.461 | 13.507 | VV | 5228   | 93691   | 1.43%   | 0.233%  |
| 190 | 13.545 | 13.507 | 13.611 | VV | 71689  | 942729  | 14.42%  | 2.340%  |
| 191 | 13.661 | 13.611 | 13.709 | VV | 9618   | 193112  | 2.95%   | 0.479%  |
| 192 | 13.728 | 13.709 | 13.745 | VV | 1497   | 24066   | 0.37%   | 0.060%  |
| 193 | 13.771 | 13.745 | 13.790 | VV | 4369   | 63838   | 0.98%   | 0.158%  |
| 194 | 13.810 | 13.790 | 13.832 | VV | 5568   | 69981   | 1.07%   | 0.174%  |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 195 | 13.852 | 13.832 | 13.870 | VV | 1320   | 23133  | 0.35% | 0.057% |
| 196 | 13.898 | 13.870 | 13.924 | VV | 2633   | 57673  | 0.88% | 0.143% |
| 197 | 13.940 | 13.924 | 13.961 | VV | 4303   | 59388  | 0.91% | 0.147% |
| 198 | 13.981 | 13.961 | 14.021 | VV | 3915   | 57052  | 0.87% | 0.142% |
| 199 | 14.053 | 14.021 | 14.074 | VV | 1690   | 26641  | 0.41% | 0.066% |
| 200 | 14.089 | 14.074 | 14.116 | VV | 814    | 13296  | 0.20% | 0.033% |
| 201 | 14.146 | 14.116 | 14.182 | VV | 753    | 22337  | 0.34% | 0.055% |
| 202 | 14.193 | 14.182 | 14.210 | VV | 730    | 7828   | 0.12% | 0.019% |
| 203 | 14.220 | 14.210 | 14.236 | VV | 298    | 3221   | 0.05% | 0.008% |
| 204 | 14.247 | 14.236 | 14.276 | VV | 300    | 4309   | 0.07% | 0.011% |
| 205 | 14.301 | 14.276 | 14.321 | PV | 769    | 12477  | 0.19% | 0.031% |
| 206 | 14.363 | 14.321 | 14.374 | VV | 1321   | 31052  | 0.47% | 0.077% |
| 207 | 14.396 | 14.374 | 14.432 | VV | 7670   | 97228  | 1.49% | 0.241% |
| 208 | 14.464 | 14.432 | 14.485 | VV | 1589   | 26851  | 0.41% | 0.067% |
| 209 | 14.500 | 14.485 | 14.509 | VV | 984    | 12270  | 0.19% | 0.030% |
| 210 | 14.520 | 14.509 | 14.541 | VV | 1034   | 16826  | 0.26% | 0.042% |
| 211 | 14.577 | 14.541 | 14.617 | VV | 5262   | 119836 | 1.83% | 0.297% |
| 212 | 14.642 | 14.617 | 14.664 | VV | 9160   | 122878 | 1.88% | 0.305% |
| 213 | 14.699 | 14.664 | 14.732 | VV | 10001  | 161772 | 2.47% | 0.401% |
| 214 | 14.763 | 14.732 | 14.786 | VV | 806    | 17514  | 0.27% | 0.043% |
| 215 | 14.826 | 14.786 | 14.880 | VV | 2184   | 58385  | 0.89% | 0.145% |
| 216 | 14.904 | 14.880 | 14.926 | VV | 2480   | 34066  | 0.52% | 0.085% |
| 217 | 14.952 | 14.926 | 14.973 | VV | 40078  | 466933 | 7.14% | 1.159% |
| 218 | 14.995 | 14.973 | 15.025 | VV | 36057  | 439513 | 6.72% | 1.091% |
| 219 | 15.042 | 15.025 | 15.067 | VV | 1390   | 20757  | 0.32% | 0.052% |
| 220 | 15.114 | 15.067 | 15.161 | VV | 7701   | 135724 | 2.08% | 0.337% |
| 221 | 15.189 | 15.161 | 15.229 | VV | 3211   | 52403  | 0.80% | 0.130% |
| 222 | 15.252 | 15.229 | 15.278 | PV | 3731   | 58024  | 0.89% | 0.144% |
| 223 | 15.297 | 15.278 | 15.346 | VV | 3322   | 62579  | 0.96% | 0.155% |
| 224 | 15.387 | 15.346 | 15.460 | VV | 17406  | 336365 | 5.14% | 0.835% |
| 225 | 15.524 | 15.460 | 15.564 | VV | 6444   | 103591 | 1.58% | 0.257% |
| 226 | 15.625 | 15.564 | 15.649 | VV | 6573   | 171360 | 2.62% | 0.425% |
| 227 | 15.664 | 15.649 | 15.690 | VV | 2731   | 37057  | 0.57% | 0.092% |
| 228 | 15.709 | 15.690 | 15.726 | VV | 946    | 13113  | 0.20% | 0.033% |
| 229 | 15.786 | 15.726 | 15.822 | VV | 3101   | 92676  | 1.42% | 0.230% |
| 230 | 15.865 | 15.822 | 15.892 | VV | 1935   | 29873  | 0.46% | 0.074% |
| 231 | 15.910 | 15.892 | 15.928 | VV | 479    | 8274   | 0.13% | 0.021% |
| 232 | 15.949 | 15.928 | 15.966 | VV | 1329   | 17941  | 0.27% | 0.045% |
| 233 | 15.981 | 15.966 | 15.999 | VV | 857    | 11209  | 0.17% | 0.028% |
| 234 | 16.026 | 15.999 | 16.089 | VV | 8886   | 138211 | 2.11% | 0.343% |
| 235 | 16.096 | 16.089 | 16.105 | VV | 167    | 1397   | 0.02% | 0.003% |
| 236 | 16.111 | 16.105 | 16.139 | VV | 159    | 1716   | 0.03% | 0.004% |
| 237 | 16.160 | 16.139 | 16.201 | VV | 732    | 8766   | 0.13% | 0.022% |
| 238 | 16.238 | 16.201 | 16.282 | PV | 2263   | 43598  | 0.67% | 0.108% |
| 239 | 16.298 | 16.282 | 16.312 | VV | 1571   | 19080  | 0.29% | 0.047% |
| 240 | 16.332 | 16.312 | 16.361 | VV | 2300   | 41632  | 0.64% | 0.103% |
| 241 | 16.413 | 16.361 | 16.426 | VV | 2747   | 60961  | 0.93% | 0.151% |
| 242 | 16.440 | 16.426 | 16.466 | VV | 3620   | 50588  | 0.77% | 0.126% |
| 243 | 16.513 | 16.466 | 16.534 | VV | 39524  | 588809 | 9.01% | 1.461% |
| 244 | 16.541 | 16.534 | 16.570 | VV | 13800  | 155058 | 2.37% | 0.385% |
| 245 | 16.596 | 16.570 | 16.619 | VV | 1799   | 33991  | 0.52% | 0.084% |
| 246 | 16.645 | 16.619 | 16.669 | VV | 7242   | 98377  | 1.50% | 0.244% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 247 | 16.683 | 16.669 | 16.695 | VV | 1903   | 24375  | 0.37%  | 0.060% |
| 248 | 16.704 | 16.695 | 16.722 | VV | 1471   | 19324  | 0.30%  | 0.048% |
| 249 | 16.767 | 16.722 | 16.781 | VV | 1825   | 42908  | 0.66%  | 0.106% |
| 250 | 16.837 | 16.781 | 16.863 | VV | 18312  | 319896 | 4.89%  | 0.794% |
| 251 | 16.894 | 16.863 | 16.937 | VV | 24249  | 329211 | 5.04%  | 0.817% |
| 252 | 16.978 | 16.937 | 17.010 | VV | 13077  | 285543 | 4.37%  | 0.709% |
| 253 | 17.028 | 17.010 | 17.070 | VV | 11570  | 184961 | 2.83%  | 0.459% |
| 254 | 17.138 | 17.070 | 17.176 | VV | 2099   | 86150  | 1.32%  | 0.214% |
| 255 | 17.192 | 17.176 | 17.216 | VV | 1115   | 22141  | 0.34%  | 0.055% |
| 256 | 17.258 | 17.216 | 17.293 | VV | 3608   | 96386  | 1.47%  | 0.239% |
| 257 | 17.304 | 17.293 | 17.316 | VV | 1467   | 17907  | 0.27%  | 0.044% |
| 258 | 17.328 | 17.316 | 17.339 | VV | 1339   | 16803  | 0.26%  | 0.042% |
| 259 | 17.361 | 17.339 | 17.371 | VV | 1789   | 29445  | 0.45%  | 0.073% |
| 260 | 17.428 | 17.371 | 17.459 | VV | 16135  | 282809 | 4.33%  | 0.702% |
| 261 | 17.480 | 17.459 | 17.499 | VV | 2209   | 43400  | 0.66%  | 0.108% |
| 262 | 17.510 | 17.499 | 17.529 | VV | 2139   | 34317  | 0.52%  | 0.085% |
| 263 | 17.555 | 17.529 | 17.585 | VV | 3183   | 75677  | 1.16%  | 0.188% |
| 264 | 17.598 | 17.585 | 17.627 | VV | 2089   | 42734  | 0.65%  | 0.106% |
| 265 | 17.662 | 17.627 | 17.680 | VV | 2290   | 61109  | 0.93%  | 0.152% |
| 266 | 17.707 | 17.680 | 17.724 | VV | 2080   | 50042  | 0.77%  | 0.124% |
| 267 | 17.755 | 17.724 | 17.772 | VV | 1924   | 51459  | 0.79%  | 0.128% |
| 268 | 17.819 | 17.772 | 17.834 | VV | 3260   | 84558  | 1.29%  | 0.210% |
| 269 | 17.865 | 17.834 | 17.925 | VV | 15665  | 321694 | 4.92%  | 0.798% |
| 270 | 17.948 | 17.925 | 17.971 | VV | 4098   | 80643  | 1.23%  | 0.200% |
| 271 | 17.993 | 17.971 | 18.011 | VV | 4106   | 78141  | 1.20%  | 0.194% |
| 272 | 18.030 | 18.011 | 18.044 | VV | 4797   | 74701  | 1.14%  | 0.185% |
| 273 | 18.057 | 18.044 | 18.075 | VV | 4127   | 70499  | 1.08%  | 0.175% |
| 274 | 18.111 | 18.075 | 18.148 | VV | 4802   | 171769 | 2.63%  | 0.426% |
| 275 | 18.175 | 18.148 | 18.194 | VV | 7708   | 153053 | 2.34%  | 0.380% |
| 276 | 18.265 | 18.194 | 18.277 | VV | 18855  | 518991 | 7.94%  | 1.288% |
| 277 | 18.288 | 18.277 | 18.334 | VV | 17434  | 357673 | 5.47%  | 0.888% |
| 278 | 18.347 | 18.334 | 18.371 | VV | 5508   | 113898 | 1.74%  | 0.283% |
| 279 | 18.397 | 18.371 | 18.414 | VV | 8911   | 175182 | 2.68%  | 0.435% |
| 280 | 18.430 | 18.414 | 18.457 | VV | 9051   | 186623 | 2.85%  | 0.463% |
| 281 | 18.464 | 18.457 | 18.484 | VV | 5821   | 85209  | 1.30%  | 0.211% |
| 282 | 18.521 | 18.484 | 18.546 | VV | 17265  | 343581 | 5.26%  | 0.853% |
| 283 | 18.556 | 18.546 | 18.580 | VV | 6297   | 121142 | 1.85%  | 0.301% |
| 284 | 18.604 | 18.580 | 18.622 | VV | 7065   | 158387 | 2.42%  | 0.393% |
| 285 | 18.651 | 18.622 | 18.672 | VV | 9053   | 217171 | 3.32%  | 0.539% |
| 286 | 18.697 | 18.672 | 18.731 | VV | 15911  | 368897 | 5.64%  | 0.916% |
| 287 | 18.742 | 18.731 | 18.768 | VV | 6541   | 139361 | 2.13%  | 0.346% |
| 288 | 18.790 | 18.768 | 18.797 | VV | 6968   | 115104 | 1.76%  | 0.286% |
| 289 | 18.814 | 18.797 | 18.822 | VV | 7137   | 104349 | 1.60%  | 0.259% |
| 290 | 18.830 | 18.822 | 18.862 | VV | 7174   | 166122 | 2.54%  | 0.412% |
| 291 | 18.893 | 18.862 | 18.929 | VV | 7436   | 286182 | 4.38%  | 0.710% |
| 292 | 18.953 | 18.929 | 18.981 | VV | 8108   | 240016 | 3.67%  | 0.596% |
| 293 | 18.998 | 18.981 | 19.006 | VV | 7768   | 109284 | 1.67%  | 0.271% |
| 294 | 19.097 | 19.006 | 19.145 | VV | 16354  | 881944 | 13.49% | 2.189% |
| 295 | 19.196 | 19.145 | 19.230 | VV | 10601  | 481665 | 7.37%  | 1.195% |
| 296 | 19.251 | 19.230 | 19.266 | VV | 9884   | 205030 | 3.14%  | 0.509% |
| 297 | 19.303 | 19.266 | 19.332 | VV | 11122  | 399070 | 6.10%  | 0.990% |
| 298 | 19.402 | 19.332 | 19.431 | VV | 11286  | 617947 | 9.45%  | 1.534% |
| 299 | 19.437 | 19.431 | 19.447 | VV | 10536  | 100446 | 1.54%  | 0.249% |

|     |        |        |        |    |       |         |        |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
|     |        |        |        |    |       | rteres  |        |        |
| 300 | 19.485 | 19.447 | 19.516 | VV | 16162 | 527406  | 8.07%  | 1.309% |
| 301 | 19.559 | 19.516 | 19.579 | VV | 13225 | 457079  | 6.99%  | 1.134% |
| 302 | 19.607 | 19.579 | 19.632 | VV | 14924 | 439607  | 6.72%  | 1.091% |
| 303 | 19.677 | 19.632 | 19.709 | VV | 19630 | 701405  | 10.73% | 1.741% |
| 304 | 19.745 | 19.709 | 19.771 | VV | 19103 | 604262  | 9.24%  | 1.500% |
| 305 | 19.793 | 19.771 | 19.816 | VV | 16300 | 423271  | 6.47%  | 1.050% |
| 306 | 19.861 | 19.816 | 19.923 | VV | 22348 | 1155737 | 17.68% | 2.868% |
| 307 | 19.961 | 19.923 | 19.992 | VV | 19233 | 740276  | 11.32% | 1.837% |
| 308 | 20.054 | 19.992 | 20.079 | VV | 24079 | 1069486 | 16.36% | 2.654% |
| 309 | 20.094 | 20.079 | 20.104 | VV | 20608 | 298960  | 4.57%  | 0.742% |
| 310 | 20.122 | 20.104 | 20.166 | VV | 21488 | 734536  | 11.23% | 1.823% |

Sum of corrected areas: 40294485

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