

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC060619AL\  
 Data File : FC041672.D  
 Signal(s) : FID1A.CH  
 Acq On : 06 Jun 2019 19:51  
 Sample : K3156-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 051519.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         | 3.484       | 3.452        | 3.497      | BV       | 154            | 1429         | 0.02%          | 0.001%        |
| 2         | 3.505       | 3.497        | 3.566      | VV       | 151            | 2439         | 0.04%          | 0.002%        |
| 3         | 3.585       | 3.566        | 3.605      | VV       | 131            | 1771         | 0.03%          | 0.001%        |
| 4         | 3.616       | 3.605        | 3.666      | PV       | 209            | 4330         | 0.07%          | 0.003%        |
| 5         | 3.676       | 3.666        | 3.727      | VV       | 155            | 3790         | 0.06%          | 0.003%        |
| 6         | 3.729       | 3.727        | 3.767      | VV       | 284            | 3545         | 0.06%          | 0.002%        |
| 7         | 3.780       | 3.767        | 3.807      | VV       | 392            | 4998         | 0.08%          | 0.003%        |
| 8         | 3.819       | 3.807        | 3.841      | VV       | 216            | 2950         | 0.05%          | 0.002%        |
| 9         | 3.871       | 3.841        | 3.921      | VV       | 410            | 9146         | 0.15%          | 0.006%        |
| 10        | 3.933       | 3.921        | 3.952      | VV       | 209            | 2129         | 0.04%          | 0.001%        |
| 11        | 3.968       | 3.952        | 4.018      | VV       | 288            | 6890         | 0.12%          | 0.005%        |
| 12        | 4.036       | 4.018        | 4.054      | VV       | 265            | 3286         | 0.05%          | 0.002%        |
| 13        | 4.083       | 4.054        | 4.114      | VV       | 266            | 6719         | 0.11%          | 0.005%        |
| 14        | 4.134       | 4.114        | 4.175      | VV       | 1954           | 22621        | 0.38%          | 0.015%        |
| 15        | 4.183       | 4.175        | 4.199      | VV       | 299            | 3564         | 0.06%          | 0.002%        |
| 16        | 4.210       | 4.199        | 4.220      | VV       | 187            | 2241         | 0.04%          | 0.002%        |
| 17        | 4.230       | 4.220        | 4.271      | VV       | 300            | 5527         | 0.09%          | 0.004%        |
| 18        | 4.329       | 4.271        | 4.347      | VV       | 448            | 10349        | 0.17%          | 0.007%        |
| 19        | 4.353       | 4.347        | 4.396      | VV       | 322            | 5508         | 0.09%          | 0.004%        |
| 20        | 4.404       | 4.396        | 4.445      | VV       | 176            | 3818         | 0.06%          | 0.003%        |
| 21        | 4.476       | 4.445        | 4.494      | VV       | 227            | 3788         | 0.06%          | 0.003%        |
| 22        | 4.513       | 4.494        | 4.536      | VV       | 190            | 3134         | 0.05%          | 0.002%        |
| 23        | 4.556       | 4.536        | 4.586      | VV       | 390            | 6297         | 0.11%          | 0.004%        |
| 24        | 4.603       | 4.586        | 4.615      | VV       | 210            | 3502         | 0.06%          | 0.002%        |
| 25        | 4.643       | 4.615        | 4.684      | VV       | 259            | 5857         | 0.10%          | 0.004%        |
| 26        | 4.703       | 4.684        | 4.739      | VV       | 473            | 7459         | 0.12%          | 0.005%        |
| 27        | 4.761       | 4.739        | 4.771      | VV       | 204            | 3163         | 0.05%          | 0.002%        |
| 28        | 4.782       | 4.771        | 4.795      | VV       | 174            | 2394         | 0.04%          | 0.002%        |
| 29        | 4.810       | 4.795        | 4.829      | VV       | 303            | 3475         | 0.06%          | 0.002%        |
| 30        | 4.845       | 4.829        | 4.877      | VV       | 290            | 4090         | 0.07%          | 0.003%        |
| 31        | 4.892       | 4.877        | 4.909      | VV       | 204            | 2653         | 0.04%          | 0.002%        |
| 32        | 4.929       | 4.909        | 4.956      | VV       | 199            | 3573         | 0.06%          | 0.002%        |
| 33        | 4.972       | 4.956        | 4.992      | VV       | 350            | 4092         | 0.07%          | 0.003%        |
| 34        | 5.010       | 4.992        | 5.024      | VV       | 125            | 2238         | 0.04%          | 0.002%        |
| 35        | 5.040       | 5.024        | 5.065      | VV       | 368            | 3890         | 0.07%          | 0.003%        |
| 36        | 5.124       | 5.065        | 5.137      | PV       | 232            | 4951         | 0.08%          | 0.003%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 37 | 5.151 | 5.137 | 5.174 | VV | 216    | 3659  | 0.06% | 0.003% |
| 38 | 5.190 | 5.174 | 5.222 | VV | 636    | 8179  | 0.14% | 0.006% |
| 39 | 5.248 | 5.222 | 5.266 | VV | 438    | 6241  | 0.10% | 0.004% |
| 40 | 5.296 | 5.266 | 5.322 | VV | 532    | 9537  | 0.16% | 0.007% |
| 41 | 5.327 | 5.322 | 5.342 | VV | 289    | 1865  | 0.03% | 0.001% |
| 42 | 5.410 | 5.342 | 5.447 | VV | 510    | 13964 | 0.23% | 0.010% |
| 43 | 5.455 | 5.447 | 5.462 | VV | 220    | 1641  | 0.03% | 0.001% |
| 44 | 5.494 | 5.462 | 5.506 | VV | 466    | 6857  | 0.11% | 0.005% |
| 45 | 5.518 | 5.506 | 5.532 | VV | 288    | 3388  | 0.06% | 0.002% |
| 46 | 5.547 | 5.532 | 5.567 | VV | 271    | 3460  | 0.06% | 0.002% |
| 47 | 5.592 | 5.567 | 5.612 | VV | 636    | 9334  | 0.16% | 0.006% |
| 48 | 5.629 | 5.612 | 5.649 | VV | 806    | 9813  | 0.16% | 0.007% |
| 49 | 5.664 | 5.649 | 5.677 | VV | 495    | 4983  | 0.08% | 0.003% |
| 50 | 5.688 | 5.677 | 5.717 | VV | 297    | 4141  | 0.07% | 0.003% |
| 51 | 5.748 | 5.717 | 5.764 | VV | 248    | 4141  | 0.07% | 0.003% |
| 52 | 5.785 | 5.764 | 5.819 | VV | 624    | 10189 | 0.17% | 0.007% |
| 53 | 5.832 | 5.819 | 5.849 | VV | 232    | 3005  | 0.05% | 0.002% |
| 54 | 5.893 | 5.849 | 5.916 | VV | 559    | 13529 | 0.23% | 0.009% |
| 55 | 5.934 | 5.916 | 5.951 | VV | 425    | 5101  | 0.09% | 0.003% |
| 56 | 5.967 | 5.951 | 5.979 | VV | 234    | 3213  | 0.05% | 0.002% |
| 57 | 5.998 | 5.979 | 6.027 | VV | 442    | 7923  | 0.13% | 0.005% |
| 58 | 6.048 | 6.027 | 6.072 | VV | 351    | 5201  | 0.09% | 0.004% |
| 59 | 6.094 | 6.072 | 6.109 | PV | 382    | 5927  | 0.10% | 0.004% |
| 60 | 6.147 | 6.109 | 6.165 | VV | 1128   | 17317 | 0.29% | 0.012% |
| 61 | 6.186 | 6.165 | 6.206 | VV | 439    | 7970  | 0.13% | 0.005% |
| 62 | 6.228 | 6.206 | 6.260 | VV | 509    | 10924 | 0.18% | 0.007% |
| 63 | 6.284 | 6.260 | 6.309 | VV | 775    | 14414 | 0.24% | 0.010% |
| 64 | 6.337 | 6.309 | 6.344 | VV | 375    | 7078  | 0.12% | 0.005% |
| 65 | 6.359 | 6.344 | 6.381 | VV | 592    | 9570  | 0.16% | 0.007% |
| 66 | 6.413 | 6.381 | 6.434 | VV | 668    | 13607 | 0.23% | 0.009% |
| 67 | 6.450 | 6.434 | 6.468 | VV | 603    | 8478  | 0.14% | 0.006% |
| 68 | 6.503 | 6.468 | 6.519 | VV | 549    | 12200 | 0.20% | 0.008% |
| 69 | 6.530 | 6.519 | 6.543 | VV | 661    | 6550  | 0.11% | 0.004% |
| 70 | 6.566 | 6.543 | 6.584 | VV | 783    | 12863 | 0.21% | 0.009% |
| 71 | 6.590 | 6.584 | 6.614 | VV | 479    | 5712  | 0.10% | 0.004% |
| 72 | 6.644 | 6.614 | 6.667 | VV | 320    | 6251  | 0.10% | 0.004% |
| 73 | 6.715 | 6.667 | 6.741 | VV | 1247   | 20486 | 0.34% | 0.014% |
| 74 | 6.768 | 6.741 | 6.809 | VV | 633    | 13677 | 0.23% | 0.009% |
| 75 | 6.845 | 6.809 | 6.874 | VV | 686    | 10058 | 0.17% | 0.007% |
| 76 | 6.894 | 6.874 | 6.941 | VV | 498    | 12126 | 0.20% | 0.008% |
| 77 | 6.975 | 6.941 | 6.994 | VV | 583    | 10968 | 0.18% | 0.008% |
| 78 | 7.041 | 6.994 | 7.052 | PV | 467    | 9808  | 0.16% | 0.007% |
| 79 | 7.076 | 7.052 | 7.108 | VV | 775    | 17279 | 0.29% | 0.012% |
| 80 | 7.126 | 7.108 | 7.148 | VV | 819    | 12297 | 0.21% | 0.008% |
| 81 | 7.170 | 7.148 | 7.184 | VV | 550    | 9569  | 0.16% | 0.007% |
| 82 | 7.200 | 7.184 | 7.214 | VV | 774    | 11094 | 0.19% | 0.008% |
| 83 | 7.224 | 7.214 | 7.252 | VV | 734    | 10970 | 0.18% | 0.008% |
| 84 | 7.268 | 7.252 | 7.314 | VV | 1437   | 26033 | 0.44% | 0.018% |
| 85 | 7.333 | 7.314 | 7.352 | VV | 768    | 11761 | 0.20% | 0.008% |
| 86 | 7.375 | 7.352 | 7.406 | VV | 666    | 16162 | 0.27% | 0.011% |
| 87 | 7.413 | 7.406 | 7.438 | VV | 466    | 7664  | 0.13% | 0.005% |
| 88 | 7.484 | 7.438 | 7.522 | VV | 1107   | 29754 | 0.50% | 0.020% |
| 89 | 7.540 | 7.522 | 7.571 | VV | 556    | 12269 | 0.21% | 0.008% |

|     |        |       |        |    |        |        |       |        |
|-----|--------|-------|--------|----|--------|--------|-------|--------|
|     |        |       |        |    | rteres |        |       |        |
| 90  | 7.586  | 7.571 | 7.599  | VV | 529    | 7124   | 0.12% | 0.005% |
| 91  | 7.606  | 7.599 | 7.624  | VV | 408    | 5077   | 0.08% | 0.003% |
| 92  | 7.666  | 7.624 | 7.709  | VV | 999    | 27536  | 0.46% | 0.019% |
| 93  | 7.716  | 7.709 | 7.736  | VV | 466    | 5404   | 0.09% | 0.004% |
| 94  | 7.752  | 7.736 | 7.762  | VV | 273    | 3443   | 0.06% | 0.002% |
| 95  | 7.891  | 7.866 | 7.912  | VV | 1213   | 28825  | 0.48% | 0.020% |
| 96  | 7.938  | 7.912 | 7.952  | VV | 1082   | 22020  | 0.37% | 0.015% |
| 97  | 7.964  | 7.952 | 7.982  | VV | 888    | 12989  | 0.22% | 0.009% |
| 98  | 8.006  | 7.982 | 8.027  | VV | 1075   | 17372  | 0.29% | 0.012% |
| 99  | 8.052  | 8.027 | 8.072  | VV | 930    | 16167  | 0.27% | 0.011% |
| 100 | 8.104  | 8.072 | 8.150  | VV | 1288   | 33009  | 0.55% | 0.023% |
| 101 | 8.176  | 8.150 | 8.199  | VV | 2584   | 38038  | 0.64% | 0.026% |
| 102 | 8.209  | 8.199 | 8.223  | VV | 790    | 10523  | 0.18% | 0.007% |
| 103 | 8.244  | 8.223 | 8.254  | VV | 869    | 13495  | 0.23% | 0.009% |
| 104 | 8.289  | 8.254 | 8.307  | VV | 2429   | 49202  | 0.82% | 0.034% |
| 105 | 8.317  | 8.307 | 8.332  | VV | 1776   | 21022  | 0.35% | 0.014% |
| 106 | 8.352  | 8.332 | 8.389  | VV | 2629   | 44471  | 0.74% | 0.030% |
| 107 | 8.414  | 8.389 | 8.442  | VV | 12504  | 135540 | 2.27% | 0.093% |
| 108 | 8.467  | 8.442 | 8.491  | VV | 1138   | 24858  | 0.42% | 0.017% |
| 109 | 8.498  | 8.491 | 8.506  | VV | 591    | 4849   | 0.08% | 0.003% |
| 110 | 8.527  | 8.506 | 8.567  | VV | 1197   | 27548  | 0.46% | 0.019% |
| 111 | 8.582  | 8.567 | 8.619  | VV | 1037   | 18295  | 0.31% | 0.013% |
| 112 | 8.713  | 8.706 | 8.744  | VV | 1366   | 25570  | 0.43% | 0.018% |
| 113 | 8.770  | 8.744 | 8.787  | VV | 1153   | 26633  | 0.45% | 0.018% |
| 114 | 8.821  | 8.787 | 8.852  | VV | 1369   | 42365  | 0.71% | 0.029% |
| 115 | 8.887  | 8.852 | 8.916  | VV | 3386   | 62603  | 1.05% | 0.043% |
| 116 | 8.937  | 8.916 | 8.954  | VV | 921    | 16250  | 0.27% | 0.011% |
| 117 | 8.973  | 8.954 | 8.991  | VV | 887    | 16104  | 0.27% | 0.011% |
| 118 | 9.006  | 8.991 | 9.021  | VV | 1191   | 16946  | 0.28% | 0.012% |
| 119 | 9.040  | 9.021 | 9.051  | VV | 1224   | 18179  | 0.30% | 0.012% |
| 120 | 9.067  | 9.051 | 9.099  | VV | 1375   | 32563  | 0.54% | 0.022% |
| 121 | 9.122  | 9.099 | 9.140  | VV | 1205   | 24806  | 0.41% | 0.017% |
| 122 | 9.172  | 9.140 | 9.199  | VV | 4648   | 69538  | 1.16% | 0.048% |
| 123 | 9.215  | 9.199 | 9.239  | VV | 1164   | 20432  | 0.34% | 0.014% |
| 124 | 9.256  | 9.239 | 9.289  | VV | 970    | 19595  | 0.33% | 0.013% |
| 125 | 9.353  | 9.289 | 9.399  | VV | 1387   | 54687  | 0.91% | 0.037% |
| 126 | 9.411  | 9.399 | 9.425  | VV | 731    | 9228   | 0.15% | 0.006% |
| 127 | 9.434  | 9.425 | 9.447  | VV | 533    | 6215   | 0.10% | 0.004% |
| 128 | 9.465  | 9.447 | 9.489  | VV | 1043   | 16482  | 0.28% | 0.011% |
| 129 | 9.505  | 9.489 | 9.517  | VV | 691    | 9015   | 0.15% | 0.006% |
| 130 | 9.549  | 9.517 | 9.574  | VV | 1992   | 37233  | 0.62% | 0.026% |
| 131 | 9.586  | 9.574 | 9.601  | VV | 898    | 13089  | 0.22% | 0.009% |
| 132 | 9.629  | 9.601 | 9.657  | VV | 1745   | 35295  | 0.59% | 0.024% |
| 133 | 9.674  | 9.657 | 9.691  | VV | 994    | 15054  | 0.25% | 0.010% |
| 134 | 9.705  | 9.691 | 9.714  | VV | 825    | 10811  | 0.18% | 0.007% |
| 135 | 9.727  | 9.714 | 9.761  | VV | 1127   | 19095  | 0.32% | 0.013% |
| 136 | 9.788  | 9.761 | 9.815  | VV | 553    | 12909  | 0.22% | 0.009% |
| 137 | 9.830  | 9.815 | 9.846  | VV | 336    | 6145   | 0.10% | 0.004% |
| 138 | 9.881  | 9.846 | 9.892  | VV | 992    | 22033  | 0.37% | 0.015% |
| 139 | 9.908  | 9.892 | 9.923  | VV | 1101   | 17535  | 0.29% | 0.012% |
| 140 | 9.947  | 9.923 | 9.999  | VV | 5571   | 78691  | 1.32% | 0.054% |
| 141 | 10.051 | 9.999 | 10.092 | VV | 503    | 20753  | 0.35% | 0.014% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.129 | 10.092 | 10.180 | VV | 591    | 12519   | 0.21%  | 0.009% |
| 143 | 10.199 | 10.180 | 10.208 | PV | 167    | 2201    | 0.04%  | 0.002% |
| 144 | 10.225 | 10.208 | 10.244 | VV | 504    | 5052    | 0.08%  | 0.003% |
| 145 | 10.291 | 10.244 | 10.307 | VV | 992    | 18798   | 0.31%  | 0.013% |
|     |        |        |        |    |        |         |        |        |
| 146 | 10.336 | 10.307 | 10.366 | VV | 3210   | 51331   | 0.86%  | 0.035% |
| 147 | 10.388 | 10.366 | 10.409 | VV | 961    | 20281   | 0.34%  | 0.014% |
| 148 | 10.423 | 10.409 | 10.452 | VV | 1373   | 20860   | 0.35%  | 0.014% |
| 149 | 10.473 | 10.452 | 10.511 | VV | 1176   | 21010   | 0.35%  | 0.014% |
| 150 | 10.538 | 10.511 | 10.551 | VV | 394    | 5980    | 0.10%  | 0.004% |
|     |        |        |        |    |        |         |        |        |
| 151 | 10.604 | 10.551 | 10.644 | VV | 1007   | 35930   | 0.60%  | 0.025% |
| 152 | 10.683 | 10.644 | 10.710 | VV | 6290   | 86452   | 1.45%  | 0.059% |
| 153 | 10.755 | 10.710 | 10.843 | VV | 3453   | 85650   | 1.43%  | 0.059% |
| 154 | 10.905 | 10.843 | 10.922 | PV | 426    | 11076   | 0.19%  | 0.008% |
| 155 | 10.947 | 10.922 | 10.981 | VV | 2421   | 33242   | 0.56%  | 0.023% |
|     |        |        |        |    |        |         |        |        |
| 156 | 11.022 | 10.981 | 11.041 | VV | 1379   | 26325   | 0.44%  | 0.018% |
| 157 | 11.075 | 11.041 | 11.119 | VV | 1329   | 31355   | 0.52%  | 0.021% |
| 158 | 11.134 | 11.119 | 11.170 | VV | 737    | 11888   | 0.20%  | 0.008% |
| 159 | 11.188 | 11.170 | 11.216 | VV | 606    | 8757    | 0.15%  | 0.006% |
| 160 | 11.250 | 11.216 | 11.277 | PV | 409    | 9335    | 0.16%  | 0.006% |
|     |        |        |        |    |        |         |        |        |
| 161 | 11.312 | 11.277 | 11.341 | VV | 1000   | 19065   | 0.32%  | 0.013% |
| 162 | 11.383 | 11.341 | 11.407 | VV | 5974   | 76007   | 1.27%  | 0.052% |
| 163 | 11.431 | 11.407 | 11.447 | VV | 558    | 10884   | 0.18%  | 0.007% |
| 164 | 11.475 | 11.447 | 11.504 | VV | 2729   | 40506   | 0.68%  | 0.028% |
| 165 | 11.541 | 11.504 | 11.559 | VV | 414    | 6158    | 0.10%  | 0.004% |
|     |        |        |        |    |        |         |        |        |
| 166 | 11.591 | 11.559 | 11.613 | PV | 466    | 9067    | 0.15%  | 0.006% |
| 167 | 11.630 | 11.613 | 11.656 | VV | 499    | 7480    | 0.13%  | 0.005% |
| 168 | 11.710 | 11.656 | 11.762 | VV | 274192 | 2946667 | 49.25% | 2.019% |
| 169 | 11.780 | 11.762 | 11.804 | VV | 1582   | 23689   | 0.40%  | 0.016% |
| 170 | 11.838 | 11.804 | 11.851 | VV | 802    | 15936   | 0.27%  | 0.011% |
|     |        |        |        |    |        |         |        |        |
| 171 | 11.864 | 11.851 | 11.881 | VV | 1252   | 14562   | 0.24%  | 0.010% |
| 172 | 11.897 | 11.881 | 11.916 | VV | 912    | 12384   | 0.21%  | 0.008% |
| 173 | 11.941 | 11.916 | 11.964 | VV | 2602   | 36931   | 0.62%  | 0.025% |
| 174 | 11.989 | 11.964 | 12.012 | VV | 513    | 9667    | 0.16%  | 0.007% |
| 175 | 12.050 | 12.012 | 12.076 | VV | 5205   | 76708   | 1.28%  | 0.053% |
|     |        |        |        |    |        |         |        |        |
| 176 | 12.102 | 12.076 | 12.132 | VV | 72895  | 807266  | 13.49% | 0.553% |
| 177 | 12.146 | 12.132 | 12.181 | VV | 603    | 12284   | 0.21%  | 0.008% |
| 178 | 12.189 | 12.181 | 12.201 | VV | 245    | 2972    | 0.05%  | 0.002% |
| 179 | 12.213 | 12.201 | 12.231 | VV | 318    | 3515    | 0.06%  | 0.002% |
| 180 | 12.249 | 12.231 | 12.264 | PV | 407    | 5376    | 0.09%  | 0.004% |
|     |        |        |        |    |        |         |        |        |
| 181 | 12.286 | 12.264 | 12.307 | VV | 1279   | 17863   | 0.30%  | 0.012% |
| 182 | 12.320 | 12.307 | 12.341 | VV | 548    | 8845    | 0.15%  | 0.006% |
| 183 | 12.358 | 12.341 | 12.373 | VV | 466    | 6818    | 0.11%  | 0.005% |
| 184 | 12.391 | 12.373 | 12.404 | VV | 460    | 6664    | 0.11%  | 0.005% |
| 185 | 12.426 | 12.404 | 12.450 | VV | 903    | 17306   | 0.29%  | 0.012% |
|     |        |        |        |    |        |         |        |        |
| 186 | 12.463 | 12.450 | 12.482 | VV | 760    | 9192    | 0.15%  | 0.006% |
| 187 | 12.509 | 12.482 | 12.519 | VV | 633    | 9274    | 0.16%  | 0.006% |
| 188 | 12.536 | 12.519 | 12.547 | VV | 620    | 8629    | 0.14%  | 0.006% |
| 189 | 12.567 | 12.547 | 12.591 | VV | 1006   | 15138   | 0.25%  | 0.010% |
| 190 | 12.644 | 12.591 | 12.663 | VV | 1020   | 22837   | 0.38%  | 0.016% |
|     |        |        |        |    |        |         |        |        |
| 191 | 12.688 | 12.663 | 12.731 | VV | 5194   | 77548   | 1.30%  | 0.053% |
| 192 | 12.761 | 12.731 | 12.801 | VV | 4498   | 62780   | 1.05%  | 0.043% |
| 193 | 12.804 | 12.801 | 12.818 | VV | 262    | 1697    | 0.03%  | 0.001% |
| 194 | 12.835 | 12.818 | 12.847 | VV | 190    | 2137    | 0.04%  | 0.001% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.863 | 12.847 | 12.876 | PV | 173    | 1548    | 0.03%  | 0.001% |
| 196 | 12.888 | 12.876 | 12.901 | VV | 156    | 1918    | 0.03%  | 0.001% |
| 197 | 12.910 | 12.901 | 12.920 | VV | 205    | 1701    | 0.03%  | 0.001% |
| 198 | 12.949 | 12.920 | 12.973 | PV | 550    | 10778   | 0.18%  | 0.007% |
| 199 | 12.999 | 12.973 | 13.027 | VV | 1230   | 19433   | 0.32%  | 0.013% |
| 200 | 13.059 | 13.027 | 13.085 | VV | 4362   | 60454   | 1.01%  | 0.041% |
| 201 | 13.126 | 13.085 | 13.156 | VV | 245839 | 5024537 | 83.98% | 3.442% |
| 202 | 13.177 | 13.156 | 13.201 | VV | 239090 | 2820558 | 47.15% | 1.932% |
| 203 | 13.209 | 13.201 | 13.259 | VV | 20362  | 255750  | 4.27%  | 0.175% |
| 204 | 13.269 | 13.259 | 13.277 | VV | 662    | 6044    | 0.10%  | 0.004% |
| 205 | 13.299 | 13.277 | 13.321 | VV | 4017   | 54776   | 0.92%  | 0.038% |
| 206 | 13.351 | 13.321 | 13.377 | VV | 32441  | 387079  | 6.47%  | 0.265% |
| 207 | 13.391 | 13.377 | 13.402 | VV | 2208   | 28119   | 0.47%  | 0.019% |
| 208 | 13.411 | 13.402 | 13.431 | VV | 1855   | 22499   | 0.38%  | 0.015% |
| 209 | 13.443 | 13.431 | 13.468 | VV | 1146   | 17580   | 0.29%  | 0.012% |
| 210 | 13.482 | 13.468 | 13.499 | VV | 569    | 6661    | 0.11%  | 0.005% |
| 211 | 13.525 | 13.499 | 13.550 | PV | 782    | 16460   | 0.28%  | 0.011% |
| 212 | 13.571 | 13.550 | 13.589 | VV | 540    | 9625    | 0.16%  | 0.007% |
| 213 | 13.605 | 13.589 | 13.615 | VV | 479    | 5209    | 0.09%  | 0.004% |
| 214 | 13.645 | 13.615 | 13.672 | VV | 8009   | 107692  | 1.80%  | 0.074% |
| 215 | 13.689 | 13.672 | 13.707 | VV | 555    | 7946    | 0.13%  | 0.005% |
| 216 | 13.725 | 13.707 | 13.742 | VV | 1025   | 13378   | 0.22%  | 0.009% |
| 217 | 13.760 | 13.742 | 13.782 | VV | 1392   | 21468   | 0.36%  | 0.015% |
| 218 | 13.795 | 13.782 | 13.809 | VV | 667    | 8295    | 0.14%  | 0.006% |
| 219 | 13.835 | 13.809 | 13.857 | VV | 812    | 14127   | 0.24%  | 0.010% |
| 220 | 13.883 | 13.857 | 13.906 | PV | 4551   | 65521   | 1.10%  | 0.045% |
| 221 | 13.924 | 13.906 | 13.952 | VV | 2240   | 40323   | 0.67%  | 0.028% |
| 222 | 13.992 | 13.952 | 14.051 | VV | 1671   | 49975   | 0.84%  | 0.034% |
| 223 | 14.147 | 14.051 | 14.170 | PV | 4827   | 109903  | 1.84%  | 0.075% |
| 224 | 14.184 | 14.170 | 14.213 | VV | 3552   | 55837   | 0.93%  | 0.038% |
| 225 | 14.247 | 14.213 | 14.259 | VV | 1254   | 27355   | 0.46%  | 0.019% |
| 226 | 14.291 | 14.259 | 14.311 | VV | 2684   | 55724   | 0.93%  | 0.038% |
| 227 | 14.337 | 14.311 | 14.359 | VV | 5319   | 89915   | 1.50%  | 0.062% |
| 228 | 14.369 | 14.359 | 14.391 | VV | 2265   | 33571   | 0.56%  | 0.023% |
| 229 | 14.409 | 14.391 | 14.422 | VV | 1214   | 20259   | 0.34%  | 0.014% |
| 230 | 14.445 | 14.422 | 14.470 | VV | 4773   | 69609   | 1.16%  | 0.048% |
| 231 | 14.500 | 14.470 | 14.532 | VV | 6027   | 99023   | 1.66%  | 0.068% |
| 232 | 14.560 | 14.532 | 14.589 | VV | 2592   | 51745   | 0.86%  | 0.035% |
| 233 | 14.615 | 14.589 | 14.637 | VV | 2213   | 38867   | 0.65%  | 0.027% |
| 234 | 14.662 | 14.637 | 14.693 | VV | 963    | 24342   | 0.41%  | 0.017% |
| 235 | 14.741 | 14.693 | 14.762 | VV | 960    | 25475   | 0.43%  | 0.017% |
| 236 | 14.787 | 14.762 | 14.804 | VV | 547    | 11872   | 0.20%  | 0.008% |
| 237 | 14.845 | 14.804 | 14.856 | VV | 638    | 12517   | 0.21%  | 0.009% |
| 238 | 14.931 | 14.856 | 14.945 | VV | 2517   | 55112   | 0.92%  | 0.038% |
| 239 | 14.977 | 14.945 | 15.006 | VV | 6547   | 117605  | 1.97%  | 0.081% |
| 240 | 15.029 | 15.006 | 15.052 | VV | 1163   | 18566   | 0.31%  | 0.013% |
| 241 | 15.089 | 15.052 | 15.114 | VV | 763    | 21123   | 0.35%  | 0.014% |
| 242 | 15.134 | 15.114 | 15.153 | VV | 956    | 13792   | 0.23%  | 0.009% |
| 243 | 15.176 | 15.153 | 15.202 | VV | 898    | 15995   | 0.27%  | 0.011% |
| 244 | 15.248 | 15.202 | 15.272 | PV | 681    | 17873   | 0.30%  | 0.012% |
| 245 | 15.286 | 15.272 | 15.297 | VV | 393    | 5177    | 0.09%  | 0.004% |
| 246 | 15.366 | 15.297 | 15.466 | VV | 12404  | 309331  | 5.17%  | 0.212% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 15.503 | 15.466 | 15.539 | VV | 4266   | 85159   | 1.42%  | 0.058% |
| 248 | 15.560 | 15.539 | 15.576 | VV | 3830   | 55686   | 0.93%  | 0.038% |
| 249 | 15.590 | 15.576 | 15.623 | VV | 2638   | 61882   | 1.03%  | 0.042% |
| 250 | 15.645 | 15.623 | 15.667 | VV | 1572   | 36791   | 0.61%  | 0.025% |
| 251 | 15.694 | 15.667 | 15.707 | VV | 1552   | 32239   | 0.54%  | 0.022% |
| 252 | 15.766 | 15.707 | 15.786 | VV | 2723   | 89648   | 1.50%  | 0.061% |
| 253 | 15.803 | 15.786 | 15.816 | VV | 2078   | 34667   | 0.58%  | 0.024% |
| 254 | 15.831 | 15.816 | 15.842 | VV | 2065   | 31055   | 0.52%  | 0.021% |
| 255 | 15.891 | 15.842 | 15.906 | VV | 2727   | 82585   | 1.38%  | 0.057% |
| 256 | 15.932 | 15.906 | 15.947 | VV | 2787   | 63592   | 1.06%  | 0.044% |
| 257 | 15.962 | 15.947 | 15.975 | VV | 2830   | 43549   | 0.73%  | 0.030% |
| 258 | 16.002 | 15.975 | 16.024 | VV | 6969   | 130759  | 2.19%  | 0.090% |
| 259 | 16.064 | 16.024 | 16.094 | VV | 3311   | 120448  | 2.01%  | 0.083% |
| 260 | 16.210 | 16.094 | 16.252 | VV | 5269   | 314118  | 5.25%  | 0.215% |
| 261 | 16.305 | 16.252 | 16.329 | VV | 4509   | 182057  | 3.04%  | 0.125% |
| 262 | 16.406 | 16.329 | 16.432 | VV | 5928   | 295088  | 4.93%  | 0.202% |
| 263 | 16.485 | 16.432 | 16.531 | VV | 13140  | 408351  | 6.83%  | 0.280% |
| 264 | 16.547 | 16.531 | 16.559 | VV | 6238   | 97972   | 1.64%  | 0.067% |
| 265 | 16.625 | 16.559 | 16.649 | VV | 6949   | 335653  | 5.61%  | 0.230% |
| 266 | 16.669 | 16.649 | 16.677 | VV | 6393   | 105329  | 1.76%  | 0.072% |
| 267 | 16.706 | 16.677 | 16.737 | VV | 7208   | 236600  | 3.95%  | 0.162% |
| 268 | 16.809 | 16.737 | 16.822 | VV | 8949   | 392740  | 6.56%  | 0.269% |
| 269 | 16.837 | 16.822 | 16.847 | VV | 8859   | 130336  | 2.18%  | 0.089% |
| 270 | 16.865 | 16.847 | 16.892 | VV | 9815   | 242880  | 4.06%  | 0.166% |
| 271 | 16.951 | 16.892 | 16.976 | VV | 16549  | 571596  | 9.55%  | 0.392% |
| 272 | 16.991 | 16.976 | 17.002 | VV | 11974  | 187848  | 3.14%  | 0.129% |
| 273 | 17.033 | 17.002 | 17.046 | VV | 12203  | 308545  | 5.16%  | 0.211% |
| 274 | 17.063 | 17.046 | 17.072 | VV | 12077  | 184695  | 3.09%  | 0.127% |
| 275 | 17.177 | 17.072 | 17.187 | VV | 13651  | 857704  | 14.34% | 0.588% |
| 276 | 17.213 | 17.187 | 17.236 | VV | 14617  | 398038  | 6.65%  | 0.273% |
| 277 | 17.283 | 17.236 | 17.296 | VV | 14878  | 503394  | 8.41%  | 0.345% |
| 278 | 17.323 | 17.296 | 17.344 | VV | 16308  | 440923  | 7.37%  | 0.302% |
| 279 | 17.359 | 17.344 | 17.373 | VV | 16473  | 279442  | 4.67%  | 0.191% |
| 280 | 17.398 | 17.373 | 17.425 | VV | 24168  | 583029  | 9.75%  | 0.399% |
| 281 | 17.453 | 17.425 | 17.469 | VV | 16908  | 426761  | 7.13%  | 0.292% |
| 282 | 17.484 | 17.469 | 17.504 | VV | 17035  | 350357  | 5.86%  | 0.240% |
| 283 | 17.531 | 17.504 | 17.551 | VV | 19421  | 507551  | 8.48%  | 0.348% |
| 284 | 17.585 | 17.551 | 17.608 | VV | 20319  | 654024  | 10.93% | 0.448% |
| 285 | 17.649 | 17.608 | 17.661 | VV | 20350  | 621860  | 10.39% | 0.426% |
| 286 | 17.688 | 17.661 | 17.709 | VV | 21280  | 595929  | 9.96%  | 0.408% |
| 287 | 17.759 | 17.709 | 17.774 | VV | 23699  | 880376  | 14.72% | 0.603% |
| 288 | 17.836 | 17.774 | 17.870 | VV | 32365  | 1502352 | 25.11% | 1.029% |
| 289 | 17.926 | 17.870 | 17.939 | VV | 26346  | 1026940 | 17.17% | 0.703% |
| 290 | 18.001 | 17.939 | 18.024 | VV | 29769  | 1371388 | 22.92% | 0.939% |
| 291 | 18.032 | 18.024 | 18.061 | VV | 28073  | 599602  | 10.02% | 0.411% |
| 292 | 18.091 | 18.061 | 18.102 | VV | 27112  | 663404  | 11.09% | 0.454% |
| 293 | 18.202 | 18.102 | 18.227 | VV | 35328  | 2229895 | 37.27% | 1.528% |
| 294 | 18.258 | 18.227 | 18.289 | VV | 39130  | 1253701 | 20.96% | 0.859% |
| 295 | 18.371 | 18.289 | 18.418 | VV | 38558  | 2638071 | 44.09% | 1.807% |
| 296 | 18.436 | 18.418 | 18.451 | VV | 34056  | 651280  | 10.89% | 0.446% |
| 297 | 18.490 | 18.451 | 18.503 | VV | 35528  | 1063898 | 17.78% | 0.729% |
| 298 | 18.520 | 18.503 | 18.531 | VV | 34921  | 570763  | 9.54%  | 0.391% |
| 299 | 18.565 | 18.531 | 18.577 | VV | 36413  | 978562  | 16.36% | 0.670% |

|     |        |        |        |    |                         |         |           |        |
|-----|--------|--------|--------|----|-------------------------|---------|-----------|--------|
|     |        |        |        |    |                         | rteres  |           |        |
| 300 | 18.589 | 18.577 | 18.607 | VV | 35468                   | 632966  | 10.58%    | 0.434% |
| 301 | 18.618 | 18.607 | 18.629 | VV | 35650                   | 453441  | 7.58%     | 0.311% |
| 302 | 18.667 | 18.629 | 18.689 | VV | 43564                   | 1414317 | 23.64%    | 0.969% |
| 303 | 18.718 | 18.689 | 18.731 | VV | 38859                   | 933465  | 15.60%    | 0.639% |
| 304 | 18.787 | 18.731 | 18.811 | VV | 43942                   | 1938397 | 32.40%    | 1.328% |
| 305 | 18.846 | 18.811 | 18.867 | VV | 45418                   | 1450049 | 24.24%    | 0.993% |
| 306 | 18.880 | 18.867 | 18.892 | VV | 44459                   | 670236  | 11.20%    | 0.459% |
| 307 | 18.957 | 18.892 | 18.975 | VV | 49368                   | 2336717 | 39.06%    | 1.601% |
| 308 | 19.029 | 18.975 | 19.041 | VV | 54885                   | 2023439 | 33.82%    | 1.386% |
| 309 | 19.063 | 19.041 | 19.091 | VV | 57860                   | 1650481 | 27.59%    | 1.131% |
| 310 | 19.115 | 19.091 | 19.146 | VV | 56289                   | 1783797 | 29.82%    | 1.222% |
| 311 | 19.187 | 19.146 | 19.229 | VV | 58006                   | 2824244 | 47.21%    | 1.935% |
| 312 | 19.300 | 19.229 | 19.317 | VV | 61256                   | 3131007 | 52.33%    | 2.145% |
| 313 | 19.328 | 19.317 | 19.345 | VV | 60179                   | 985076  | 16.47%    | 0.675% |
| 314 | 19.358 | 19.345 | 19.377 | VV | 61423                   | 1160925 | 19.40%    | 0.795% |
| 315 | 19.395 | 19.377 | 19.407 | VV | 60735                   | 1080488 | 18.06%    | 0.740% |
| 316 | 19.414 | 19.407 | 19.427 | VV | 62710                   | 731394  | 12.23%    | 0.501% |
| 317 | 19.448 | 19.427 | 19.475 | VV | 67910                   | 1834295 | 30.66%    | 1.257% |
| 318 | 19.481 | 19.475 | 19.519 | VV | 63140                   | 1647095 | 27.53%    | 1.128% |
| 319 | 19.564 | 19.519 | 19.623 | VV | 68077                   | 4109604 | 68.69%    | 2.815% |
| 320 | 19.642 | 19.623 | 19.667 | VV | 67330                   | 1733517 | 28.98%    | 1.187% |
| 321 | 19.689 | 19.667 | 19.712 | VV | 68153                   | 1804844 | 30.17%    | 1.236% |
| 322 | 19.747 | 19.712 | 19.761 | VV | 68987                   | 1983625 | 33.16%    | 1.359% |
| 323 | 19.820 | 19.761 | 19.843 | VV | 76465                   | 3511003 | 58.69%    | 2.405% |
| 324 | 19.894 | 19.843 | 19.914 | VV | 76772                   | 3166549 | 52.93%    | 2.169% |
| 325 | 19.985 | 19.914 | 20.001 | VV | 83997                   | 4152966 | 69.42%    | 2.845% |
| 326 | 20.058 | 20.001 | 20.097 | VV | 88149                   | 4935958 | 82.50%    | 3.381% |
| 327 | 20.112 | 20.097 | 20.120 | VV | 87565                   | 1172796 | 19.60%    | 0.803% |
| 328 | 20.133 | 20.120 | 20.150 | VV | 88612                   | 1606980 | 26.86%    | 1.101% |
| 329 | 20.185 | 20.150 | 20.214 | VV | 91603                   | 3402815 | 56.88%    | 2.331% |
| 330 | 20.284 | 20.214 | 20.292 | VV | 98276                   | 4378685 | 73.19%    | 2.999% |
| 331 | 20.316 | 20.292 | 20.336 | VV | 102533                  | 2597985 | 43.42%    | 1.780% |
| 332 | 20.370 | 20.336 | 20.381 | VV | 102628                  | 2785194 | 46.55%    | 1.908% |
| 333 | 20.392 | 20.381 | 20.484 | VV | 102036                  | 5982705 | 100.00%   | 4.098% |
| 334 | 20.501 | 20.484 | 20.512 | VV | 92067                   | 1548208 | 25.88%    | 1.061% |
| 335 | 20.550 | 20.512 | 20.572 | VV | 97864                   | 3413692 | 57.06%    | 2.338% |
| 336 | 20.580 | 20.572 | 20.592 | VV | 94717                   | 1126929 | 18.84%    | 0.772% |
| 337 | 20.615 | 20.592 | 20.674 | VV | 95847                   | 4514076 | 75.45%    | 3.092% |
| 338 | 20.683 | 20.674 | 20.712 | VV | 88236                   | 2018874 | 33.75%    | 1.383% |
| 339 | 20.721 | 20.712 | 20.752 | VV | 87798                   | 2085704 | 34.86%    | 1.429% |
| 340 | 20.771 | 20.752 | 20.787 | VV | 88406                   | 1832872 | 30.64%    | 1.256% |
| 341 | 20.813 | 20.787 | 20.872 | VV | 89468                   | 4465205 | 74.64%    | 3.059% |
| 342 | 20.880 | 20.872 | 20.900 | VV | 86308                   | 1423257 | 23.79%    | 0.975% |
| 343 | 20.922 | 20.900 | 20.972 | VV | 88566                   | 3717429 | 62.14%    | 2.547% |
|     |        |        |        |    | Sum of corrected areas: |         | 145980816 |        |

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