

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC012720AL\  
 Data File : FC045487.D  
 Signal(s) : FID1A.CH  
 Acq On : 27 Jan 2020 18:10  
 Sample : L1007-21MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 012120.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         | 3.524       | 3.482        | 3.638      | BV       | 413117         | 3442969      | 37.26%         | 1.592%        |
| 2         | 3.658       | 3.638        | 3.695      | VV       | 498            | 8489         | 0.09%          | 0.004%        |
| 3         | 3.704       | 3.695        | 3.717      | VV       | 274            | 2653         | 0.03%          | 0.001%        |
| 4         | 3.727       | 3.717        | 3.764      | VV       | 353            | 4191         | 0.05%          | 0.002%        |
| 5         | 3.803       | 3.764        | 3.812      | PV       | 529            | 7000         | 0.08%          | 0.003%        |
| 6         | 3.819       | 3.812        | 3.829      | VV       | 529            | 4472         | 0.05%          | 0.002%        |
| 7         | 3.842       | 3.829        | 3.878      | VV       | 622            | 9141         | 0.10%          | 0.004%        |
| 8         | 3.899       | 3.878        | 3.932      | VV       | 383            | 8217         | 0.09%          | 0.004%        |
| 9         | 3.942       | 3.932        | 3.959      | VV       | 279            | 3013         | 0.03%          | 0.001%        |
| 10        | 3.971       | 3.959        | 3.991      | VV       | 216            | 2693         | 0.03%          | 0.001%        |
| 11        | 4.028       | 3.991        | 4.064      | PV       | 369            | 7503         | 0.08%          | 0.003%        |
| 12        | 4.076       | 4.064        | 4.087      | PV       | 244            | 1944         | 0.02%          | 0.001%        |
| 13        | 4.113       | 4.087        | 4.164      | VV       | 476            | 8872         | 0.10%          | 0.004%        |
| 14        | 4.185       | 4.164        | 4.196      | VV       | 3650           | 33297        | 0.36%          | 0.015%        |
| 15        | 4.206       | 4.196        | 4.277      | VV       | 2916           | 43755        | 0.47%          | 0.020%        |
| 16        | 4.290       | 4.277        | 4.334      | VV       | 394            | 7162         | 0.08%          | 0.003%        |
| 17        | 4.368       | 4.334        | 4.390      | VV       | 5131           | 49923        | 0.54%          | 0.023%        |
| 18        | 4.403       | 4.390        | 4.427      | VV       | 426            | 6683         | 0.07%          | 0.003%        |
| 19        | 4.446       | 4.427        | 4.485      | VV       | 179            | 5118         | 0.06%          | 0.002%        |
| 20        | 4.517       | 4.485        | 4.533      | VV       | 258            | 4803         | 0.05%          | 0.002%        |
| 21        | 4.596       | 4.533        | 4.623      | VV       | 431276         | 3808522      | 41.22%         | 1.761%        |
| 22        | 4.647       | 4.623        | 4.731      | VV       | 457920         | 4025699      | 43.57%         | 1.861%        |
| 23        | 4.755       | 4.731        | 4.786      | VV       | 1465           | 21924        | 0.24%          | 0.010%        |
| 24        | 4.821       | 4.786        | 4.832      | VV       | 631            | 11301        | 0.12%          | 0.005%        |
| 25        | 4.843       | 4.832        | 4.869      | VV       | 612            | 8777         | 0.09%          | 0.004%        |
| 26        | 4.885       | 4.869        | 4.918      | VV       | 395            | 6689         | 0.07%          | 0.003%        |
| 27        | 4.933       | 4.918        | 4.967      | VV       | 370            | 7457         | 0.08%          | 0.003%        |
| 28        | 4.980       | 4.967        | 4.997      | VV       | 314            | 3969         | 0.04%          | 0.002%        |
| 29        | 5.028       | 4.997        | 5.065      | VV       | 524            | 10442        | 0.11%          | 0.005%        |
| 30        | 5.083       | 5.065        | 5.104      | VV       | 358            | 4578         | 0.05%          | 0.002%        |
| 31        | 5.116       | 5.104        | 5.130      | VV       | 124            | 1295         | 0.01%          | 0.001%        |
| 32        | 5.144       | 5.130        | 5.184      | VV       | 254            | 4759         | 0.05%          | 0.002%        |
| 33        | 5.201       | 5.184        | 5.214      | VV       | 206            | 2636         | 0.03%          | 0.001%        |
| 34        | 5.234       | 5.214        | 5.252      | VV       | 303            | 4737         | 0.05%          | 0.002%        |
| 35        | 5.273       | 5.252        | 5.285      | VV       | 254            | 3889         | 0.04%          | 0.002%        |
| 36        | 5.295       | 5.285        | 5.314      | VV       | 348            | 3670         | 0.04%          | 0.002%        |

|    |       |       |       |    |        |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
|    |       |       |       |    | rteres |         |        |        |
| 37 | 5.335 | 5.314 | 5.357 | VV | 376    | 6170    | 0.07%  | 0.003% |
| 38 | 5.376 | 5.357 | 5.396 | PV | 160    | 2202    | 0.02%  | 0.001% |
| 39 | 5.409 | 5.396 | 5.427 | VV | 96     | 1552    | 0.02%  | 0.001% |
| 40 | 5.456 | 5.427 | 5.489 | VV | 424    | 6994    | 0.08%  | 0.003% |
| 41 | 5.515 | 5.489 | 5.527 | VV | 374    | 4842    | 0.05%  | 0.002% |
| 42 | 5.537 | 5.527 | 5.585 | VV | 343    | 5333    | 0.06%  | 0.002% |
| 43 | 5.630 | 5.585 | 5.660 | VV | 3800   | 38060   | 0.41%  | 0.018% |
| 44 | 5.675 | 5.660 | 5.689 | VV | 674    | 6446    | 0.07%  | 0.003% |
| 45 | 5.704 | 5.689 | 5.745 | VV | 799    | 10272   | 0.11%  | 0.005% |
| 46 | 5.761 | 5.745 | 5.782 | VV | 126    | 2321    | 0.03%  | 0.001% |
| 47 | 5.790 | 5.782 | 5.802 | VV | 177    | 1295    | 0.01%  | 0.001% |
| 48 | 5.829 | 5.802 | 5.893 | VV | 488    | 10560   | 0.11%  | 0.005% |
| 49 | 5.914 | 5.893 | 5.925 | VV | 290    | 4182    | 0.05%  | 0.002% |
| 50 | 5.937 | 5.925 | 5.962 | VV | 447    | 4981    | 0.05%  | 0.002% |
| 51 | 5.978 | 5.962 | 6.005 | VV | 276    | 2995    | 0.03%  | 0.001% |
| 52 | 6.042 | 6.005 | 6.074 | VV | 890    | 14807   | 0.16%  | 0.007% |
| 53 | 6.088 | 6.074 | 6.113 | VV | 293    | 4406    | 0.05%  | 0.002% |
| 54 | 6.133 | 6.113 | 6.153 | PV | 298    | 3914    | 0.04%  | 0.002% |
| 55 | 6.197 | 6.153 | 6.303 | VV | 497584 | 4593842 | 49.72% | 2.124% |
| 56 | 6.325 | 6.303 | 6.353 | VV | 766    | 17891   | 0.19%  | 0.008% |
| 57 | 6.364 | 6.353 | 6.377 | VV | 427    | 4660    | 0.05%  | 0.002% |
| 58 | 6.406 | 6.377 | 6.442 | VV | 981    | 20669   | 0.22%  | 0.010% |
| 59 | 6.458 | 6.442 | 6.479 | VV | 495    | 7964    | 0.09%  | 0.004% |
| 60 | 6.494 | 6.479 | 6.518 | VV | 443    | 6666    | 0.07%  | 0.003% |
| 61 | 6.547 | 6.518 | 6.577 | VV | 324    | 7517    | 0.08%  | 0.003% |
| 62 | 6.611 | 6.577 | 6.671 | VV | 428949 | 4162093 | 45.04% | 1.924% |
| 63 | 6.682 | 6.671 | 6.712 | VV | 365    | 7108    | 0.08%  | 0.003% |
| 64 | 6.757 | 6.712 | 6.788 | VV | 1099   | 20053   | 0.22%  | 0.009% |
| 65 | 6.811 | 6.788 | 6.859 | VV | 394    | 9236    | 0.10%  | 0.004% |
| 66 | 6.892 | 6.859 | 6.913 | VV | 332    | 5784    | 0.06%  | 0.003% |
| 67 | 6.938 | 6.913 | 6.987 | VV | 353    | 9502    | 0.10%  | 0.004% |
| 68 | 6.998 | 6.987 | 7.014 | VV | 287    | 3090    | 0.03%  | 0.001% |
| 69 | 7.025 | 7.014 | 7.037 | VV | 285    | 3281    | 0.04%  | 0.002% |
| 70 | 7.050 | 7.037 | 7.063 | VV | 261    | 3382    | 0.04%  | 0.002% |
| 71 | 7.097 | 7.063 | 7.112 | VV | 1008   | 15536   | 0.17%  | 0.007% |
| 72 | 7.122 | 7.112 | 7.136 | VV | 666    | 7267    | 0.08%  | 0.003% |
| 73 | 7.157 | 7.136 | 7.195 | VV | 5183   | 59090   | 0.64%  | 0.027% |
| 74 | 7.251 | 7.195 | 7.297 | VV | 496866 | 4807291 | 52.03% | 2.222% |
| 75 | 7.307 | 7.297 | 7.347 | VV | 1865   | 35100   | 0.38%  | 0.016% |
| 76 | 7.361 | 7.347 | 7.372 | VV | 1062   | 12432   | 0.13%  | 0.006% |
| 77 | 7.387 | 7.372 | 7.414 | VV | 1948   | 26991   | 0.29%  | 0.012% |
| 78 | 7.435 | 7.414 | 7.451 | VV | 1413   | 20675   | 0.22%  | 0.010% |
| 79 | 7.461 | 7.451 | 7.484 | VV | 832    | 10517   | 0.11%  | 0.005% |
| 80 | 7.530 | 7.484 | 7.574 | VV | 3285   | 50177   | 0.54%  | 0.023% |
| 81 | 7.587 | 7.574 | 7.601 | VV | 381    | 4379    | 0.05%  | 0.002% |
| 82 | 7.631 | 7.601 | 7.654 | VV | 538    | 10780   | 0.12%  | 0.005% |
| 83 | 7.669 | 7.654 | 7.682 | VV | 236    | 3424    | 0.04%  | 0.002% |
| 84 | 7.715 | 7.682 | 7.752 | VV | 710    | 16402   | 0.18%  | 0.008% |
| 85 | 7.767 | 7.752 | 7.799 | VV | 272    | 4613    | 0.05%  | 0.002% |
| 86 | 7.856 | 7.799 | 7.921 | PV | 555094 | 5297679 | 57.33% | 2.449% |
| 87 | 7.933 | 7.921 | 7.944 | VV | 988    | 11912   | 0.13%  | 0.006% |
| 88 | 7.950 | 7.944 | 7.959 | VV | 916    | 7723    | 0.08%  | 0.004% |
| 89 | 7.976 | 7.959 | 7.995 | VV | 1117   | 20287   | 0.22%  | 0.009% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 8.005  | 7.995  | 8.037  | VV | 866    | 13640   | 0.15%  | 0.006% |
| 91  | 8.051  | 8.037  | 8.069  | VV | 712    | 9017    | 0.10%  | 0.004% |
| 92  | 8.095  | 8.069  | 8.115  | VV | 1326   | 19712   | 0.21%  | 0.009% |
| 93  | 8.152  | 8.115  | 8.200  | VV | 1629   | 32194   | 0.35%  | 0.015% |
| 94  | 8.222  | 8.200  | 8.252  | VV | 2027   | 28028   | 0.30%  | 0.013% |
| 95  | 8.259  | 8.252  | 8.277  | VV | 561    | 6771    | 0.07%  | 0.003% |
| 96  | 8.312  | 8.277  | 8.326  | VV | 495    | 11748   | 0.13%  | 0.005% |
| 97  | 8.344  | 8.326  | 8.357  | VV | 1501   | 17514   | 0.19%  | 0.008% |
| 98  | 8.402  | 8.357  | 8.440  | VV | 473319 | 4727614 | 51.16% | 2.185% |
| 99  | 8.469  | 8.440  | 8.500  | VV | 14715  | 161804  | 1.75%  | 0.075% |
| 100 | 8.533  | 8.500  | 8.566  | VV | 489627 | 4807230 | 52.02% | 2.222% |
| 101 | 8.575  | 8.566  | 8.610  | VV | 2026   | 34651   | 0.37%  | 0.016% |
| 102 | 8.621  | 8.610  | 8.659  | VV | 877    | 17852   | 0.19%  | 0.008% |
| 103 | 8.684  | 8.659  | 8.699  | VV | 543    | 10955   | 0.12%  | 0.005% |
| 104 | 8.732  | 8.699  | 8.795  | VV | 360969 | 3647473 | 39.47% | 1.686% |
| 105 | 8.829  | 8.795  | 8.860  | VV | 520737 | 5157893 | 55.82% | 2.384% |
| 106 | 8.868  | 8.860  | 8.907  | VV | 2382   | 46157   | 0.50%  | 0.021% |
| 107 | 8.933  | 8.907  | 8.964  | VV | 3309   | 49665   | 0.54%  | 0.023% |
| 108 | 8.983  | 8.964  | 9.002  | VV | 891    | 13348   | 0.14%  | 0.006% |
| 109 | 9.019  | 9.002  | 9.033  | VV | 553    | 8646    | 0.09%  | 0.004% |
| 110 | 9.060  | 9.033  | 9.077  | VV | 1179   | 20160   | 0.22%  | 0.009% |
| 111 | 9.097  | 9.077  | 9.120  | VV | 2037   | 29124   | 0.32%  | 0.013% |
| 112 | 9.133  | 9.120  | 9.149  | VV | 637    | 9784    | 0.11%  | 0.005% |
| 113 | 9.156  | 9.149  | 9.164  | VV | 642    | 5556    | 0.06%  | 0.003% |
| 114 | 9.183  | 9.164  | 9.195  | VV | 675    | 10905   | 0.12%  | 0.005% |
| 115 | 9.219  | 9.195  | 9.248  | VV | 4230   | 57742   | 0.62%  | 0.027% |
| 116 | 9.270  | 9.248  | 9.287  | VV | 1218   | 16654   | 0.18%  | 0.008% |
| 117 | 9.301  | 9.287  | 9.347  | VV | 596    | 11533   | 0.12%  | 0.005% |
| 118 | 9.385  | 9.347  | 9.403  | VV | 1085   | 15253   | 0.17%  | 0.007% |
| 119 | 9.419  | 9.403  | 9.450  | VV | 765    | 11736   | 0.13%  | 0.005% |
| 120 | 9.471  | 9.450  | 9.484  | VV | 462    | 6841    | 0.07%  | 0.003% |
| 121 | 9.523  | 9.484  | 9.539  | VV | 976    | 17695   | 0.19%  | 0.008% |
| 122 | 9.552  | 9.539  | 9.570  | VV | 583    | 8985    | 0.10%  | 0.004% |
| 123 | 9.611  | 9.570  | 9.658  | VV | 516170 | 5163057 | 55.88% | 2.387% |
| 124 | 9.679  | 9.658  | 9.705  | VV | 1769   | 40656   | 0.44%  | 0.019% |
| 125 | 9.722  | 9.705  | 9.740  | VV | 1331   | 21138   | 0.23%  | 0.010% |
| 126 | 9.763  | 9.740  | 9.797  | VV | 1422   | 34619   | 0.37%  | 0.016% |
| 127 | 9.823  | 9.797  | 9.860  | VV | 5956   | 86108   | 0.93%  | 0.040% |
| 128 | 9.879  | 9.860  | 9.891  | VV | 257    | 4091    | 0.04%  | 0.002% |
| 129 | 9.929  | 9.891  | 9.964  | VV | 1518   | 30632   | 0.33%  | 0.014% |
| 130 | 9.998  | 9.964  | 10.044 | VV | 479374 | 4932385 | 53.38% | 2.280% |
| 131 | 10.055 | 10.044 | 10.080 | VV | 1243   | 19161   | 0.21%  | 0.009% |
| 132 | 10.102 | 10.080 | 10.150 | VV | 634    | 17727   | 0.19%  | 0.008% |
| 133 | 10.184 | 10.150 | 10.262 | PV | 480    | 11645   | 0.13%  | 0.005% |
| 134 | 10.291 | 10.262 | 10.320 | VV | 1479   | 18324   | 0.20%  | 0.008% |
| 135 | 10.343 | 10.320 | 10.364 | VV | 1350   | 18818   | 0.20%  | 0.009% |
| 136 | 10.383 | 10.364 | 10.418 | VV | 1737   | 27595   | 0.30%  | 0.013% |
| 137 | 10.456 | 10.418 | 10.467 | VV | 1054   | 19800   | 0.21%  | 0.009% |
| 138 | 10.479 | 10.467 | 10.507 | VV | 940    | 16305   | 0.18%  | 0.008% |
| 139 | 10.529 | 10.507 | 10.562 | VV | 1288   | 19289   | 0.21%  | 0.009% |
| 140 | 10.606 | 10.562 | 10.642 | PV | 852    | 21392   | 0.23%  | 0.010% |
| 141 | 10.663 | 10.642 | 10.704 | VV | 2281   | 34966   | 0.38%  | 0.016% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.732 | 10.704 | 10.757 | VV | 3430   | 49201   | 0.53%  | 0.023% |
| 143 | 10.771 | 10.757 | 10.782 | VV | 1045   | 12697   | 0.14%  | 0.006% |
| 144 | 10.804 | 10.782 | 10.864 | VV | 13206  | 174803  | 1.89%  | 0.081% |
| 145 | 10.880 | 10.864 | 10.895 | VV | 693    | 11081   | 0.12%  | 0.005% |
| 146 | 10.905 | 10.895 | 10.924 | VV | 847    | 8086    | 0.09%  | 0.004% |
| 147 | 10.944 | 10.924 | 10.960 | PV | 461    | 6278    | 0.07%  | 0.003% |
| 148 | 11.016 | 10.960 | 11.059 | VV | 498944 | 5465136 | 59.14% | 2.526% |
| 149 | 11.092 | 11.059 | 11.174 | VV | 482469 | 5278744 | 57.13% | 2.440% |
| 150 | 11.181 | 11.174 | 11.204 | VV | 990    | 12224   | 0.13%  | 0.006% |
| 151 | 11.213 | 11.204 | 11.223 | VV | 471    | 4687    | 0.05%  | 0.002% |
| 152 | 11.260 | 11.223 | 11.279 | VV | 437    | 11242   | 0.12%  | 0.005% |
| 153 | 11.300 | 11.279 | 11.339 | VV | 2761   | 37023   | 0.40%  | 0.017% |
| 154 | 11.366 | 11.339 | 11.387 | PV | 677    | 11916   | 0.13%  | 0.006% |
| 155 | 11.437 | 11.387 | 11.480 | VV | 432709 | 4982871 | 53.93% | 2.303% |
| 156 | 11.531 | 11.480 | 11.567 | VV | 3101   | 62428   | 0.68%  | 0.029% |
| 157 | 11.601 | 11.567 | 11.624 | PV | 875    | 12472   | 0.13%  | 0.006% |
| 158 | 11.663 | 11.624 | 11.685 | VV | 771    | 14673   | 0.16%  | 0.007% |
| 159 | 11.703 | 11.685 | 11.722 | VV | 807    | 10857   | 0.12%  | 0.005% |
| 160 | 11.767 | 11.722 | 11.794 | VV | 389067 | 4302675 | 46.56% | 1.989% |
| 161 | 11.811 | 11.794 | 11.827 | VV | 5283   | 65944   | 0.71%  | 0.030% |
| 162 | 11.844 | 11.827 | 11.875 | VV | 7358   | 103993  | 1.13%  | 0.048% |
| 163 | 11.926 | 11.875 | 11.943 | VV | 3468   | 81728   | 0.88%  | 0.038% |
| 164 | 11.961 | 11.943 | 11.975 | VV | 4630   | 55790   | 0.60%  | 0.026% |
| 165 | 11.992 | 11.975 | 12.024 | VV | 5050   | 65416   | 0.71%  | 0.030% |
| 166 | 12.068 | 12.024 | 12.077 | PV | 832    | 10838   | 0.12%  | 0.005% |
| 167 | 12.100 | 12.077 | 12.157 | VV | 3228   | 51958   | 0.56%  | 0.024% |
| 168 | 12.177 | 12.157 | 12.253 | VV | 3051   | 63432   | 0.69%  | 0.029% |
| 169 | 12.278 | 12.253 | 12.301 | PV | 3180   | 38841   | 0.42%  | 0.018% |
| 170 | 12.313 | 12.301 | 12.322 | VV | 844    | 8223    | 0.09%  | 0.004% |
| 171 | 12.348 | 12.322 | 12.409 | VV | 18712  | 229797  | 2.49%  | 0.106% |
| 172 | 12.425 | 12.409 | 12.459 | VV | 1196   | 27214   | 0.29%  | 0.013% |
| 173 | 12.488 | 12.459 | 12.499 | VV | 934    | 19203   | 0.21%  | 0.009% |
| 174 | 12.515 | 12.499 | 12.539 | VV | 1255   | 24668   | 0.27%  | 0.011% |
| 175 | 12.553 | 12.539 | 12.579 | VV | 1408   | 23850   | 0.26%  | 0.011% |
| 176 | 12.605 | 12.579 | 12.640 | VV | 4362   | 70740   | 0.77%  | 0.033% |
| 177 | 12.668 | 12.640 | 12.690 | PV | 5239   | 66895   | 0.72%  | 0.031% |
| 178 | 12.743 | 12.690 | 12.792 | VV | 433093 | 5049633 | 54.65% | 2.334% |
| 179 | 12.837 | 12.792 | 12.887 | VV | 508952 | 5753566 | 62.27% | 2.660% |
| 180 | 12.893 | 12.887 | 12.913 | VV | 1085   | 11388   | 0.12%  | 0.005% |
| 181 | 12.924 | 12.913 | 12.942 | VV | 637    | 7010    | 0.08%  | 0.003% |
| 182 | 12.982 | 12.942 | 12.995 | VV | 1800   | 33620   | 0.36%  | 0.016% |
| 183 | 13.018 | 12.995 | 13.097 | VV | 8063   | 148290  | 1.60%  | 0.069% |
| 184 | 13.137 | 13.097 | 13.161 | VV | 496161 | 5521402 | 59.75% | 2.552% |
| 185 | 13.188 | 13.161 | 13.249 | VV | 287549 | 3544448 | 38.36% | 1.638% |
| 186 | 13.298 | 13.249 | 13.315 | VV | 2371   | 47046   | 0.51%  | 0.022% |
| 187 | 13.354 | 13.315 | 13.382 | VV | 432144 | 4892509 | 52.95% | 2.262% |
| 188 | 13.396 | 13.382 | 13.420 | VV | 4010   | 53131   | 0.57%  | 0.025% |
| 189 | 13.452 | 13.420 | 13.495 | VV | 1827   | 49450   | 0.54%  | 0.023% |
| 190 | 13.523 | 13.495 | 13.534 | PV | 1946   | 26671   | 0.29%  | 0.012% |
| 191 | 13.548 | 13.534 | 13.563 | VV | 2459   | 34630   | 0.37%  | 0.016% |
| 192 | 13.582 | 13.563 | 13.614 | VV | 7816   | 117351  | 1.27%  | 0.054% |
| 193 | 13.627 | 13.614 | 13.655 | VV | 1150   | 20839   | 0.23%  | 0.010% |
| 194 | 13.714 | 13.655 | 13.756 | VV | 5023   | 128549  | 1.39%  | 0.059% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 195 | 13.778 | 13.756 | 13.805 | VV | 1762   | 25695   | 0.28%   | 0.012% |
| 196 | 13.824 | 13.805 | 13.840 | VV | 1738   | 22661   | 0.25%   | 0.010% |
| 197 | 13.865 | 13.840 | 13.889 | VV | 5322   | 77607   | 0.84%   | 0.036% |
| 198 | 13.939 | 13.889 | 13.980 | VV | 393355 | 4908320 | 53.12%  | 2.269% |
| 199 | 13.995 | 13.980 | 14.016 | VV | 6022   | 74161   | 0.80%   | 0.034% |
| 200 | 14.035 | 14.016 | 14.075 | VV | 4654   | 59913   | 0.65%   | 0.028% |
| 201 | 14.091 | 14.075 | 14.100 | VV | 815    | 10067   | 0.11%   | 0.005% |
| 202 | 14.113 | 14.100 | 14.130 | VV | 1140   | 13596   | 0.15%   | 0.006% |
| 203 | 14.157 | 14.130 | 14.177 | VV | 1560   | 28038   | 0.30%   | 0.013% |
| 204 | 14.183 | 14.177 | 14.205 | VV | 964    | 10855   | 0.12%   | 0.005% |
| 205 | 14.226 | 14.205 | 14.250 | VV | 755    | 10202   | 0.11%   | 0.005% |
| 206 | 14.267 | 14.250 | 14.285 | PV | 493    | 6561    | 0.07%   | 0.003% |
| 207 | 14.300 | 14.285 | 14.310 | VV | 711    | 7561    | 0.08%   | 0.003% |
| 208 | 14.334 | 14.310 | 14.360 | VV | 1162   | 26475   | 0.29%   | 0.012% |
| 209 | 14.401 | 14.360 | 14.429 | VV | 16538  | 225654  | 2.44%   | 0.104% |
| 210 | 14.455 | 14.429 | 14.480 | VV | 7482   | 104776  | 1.13%   | 0.048% |
| 211 | 14.497 | 14.480 | 14.519 | VV | 3010   | 38281   | 0.41%   | 0.018% |
| 212 | 14.556 | 14.519 | 14.597 | VV | 2262   | 53626   | 0.58%   | 0.025% |
| 213 | 14.629 | 14.597 | 14.670 | VV | 4941   | 101349  | 1.10%   | 0.047% |
| 214 | 14.693 | 14.670 | 14.719 | VV | 7760   | 125710  | 1.36%   | 0.058% |
| 215 | 14.758 | 14.719 | 14.796 | VV | 5762   | 111186  | 1.20%   | 0.051% |
| 216 | 14.814 | 14.796 | 14.830 | VV | 1340   | 16409   | 0.18%   | 0.008% |
| 217 | 14.846 | 14.830 | 14.861 | VV | 1482   | 18766   | 0.20%   | 0.009% |
| 218 | 14.879 | 14.861 | 14.910 | VV | 2246   | 42783   | 0.46%   | 0.020% |
| 219 | 14.928 | 14.910 | 14.939 | VV | 536    | 5667    | 0.06%   | 0.003% |
| 220 | 14.960 | 14.939 | 14.972 | PV | 1681   | 19657   | 0.21%   | 0.009% |
| 221 | 15.015 | 14.972 | 15.027 | VV | 378309 | 5066989 | 54.84%  | 2.342% |
| 222 | 15.043 | 15.027 | 15.120 | VV | 459764 | 9240306 | 100.00% | 4.271% |
| 223 | 15.171 | 15.120 | 15.208 | VV | 4385   | 117595  | 1.27%   | 0.054% |
| 224 | 15.228 | 15.208 | 15.244 | VV | 1916   | 32573   | 0.35%   | 0.015% |
| 225 | 15.249 | 15.244 | 15.275 | VV | 1717   | 19396   | 0.21%   | 0.009% |
| 226 | 15.311 | 15.275 | 15.330 | VV | 2932   | 48971   | 0.53%   | 0.023% |
| 227 | 15.359 | 15.330 | 15.395 | VV | 2767   | 75748   | 0.82%   | 0.035% |
| 228 | 15.418 | 15.395 | 15.477 | VV | 12469  | 264468  | 2.86%   | 0.122% |
| 229 | 15.488 | 15.477 | 15.522 | VV | 2193   | 36201   | 0.39%   | 0.017% |
| 230 | 15.554 | 15.522 | 15.615 | VV | 7202   | 137106  | 1.48%   | 0.063% |
| 231 | 15.636 | 15.615 | 15.654 | VV | 2518   | 39536   | 0.43%   | 0.018% |
| 232 | 15.676 | 15.654 | 15.697 | VV | 8292   | 113019  | 1.22%   | 0.052% |
| 233 | 15.716 | 15.697 | 15.755 | VV | 3868   | 64554   | 0.70%   | 0.030% |
| 234 | 15.794 | 15.755 | 15.805 | VV | 1833   | 35543   | 0.38%   | 0.016% |
| 235 | 15.827 | 15.805 | 15.892 | VV | 3847   | 109846  | 1.19%   | 0.051% |
| 236 | 15.911 | 15.892 | 15.932 | VV | 2112   | 33551   | 0.36%   | 0.016% |
| 237 | 15.941 | 15.932 | 15.949 | VV | 1013   | 8774    | 0.09%   | 0.004% |
| 238 | 15.959 | 15.949 | 15.977 | VV | 1005   | 11627   | 0.13%   | 0.005% |
| 239 | 15.996 | 15.977 | 16.020 | PV | 1909   | 27969   | 0.30%   | 0.013% |
| 240 | 16.059 | 16.020 | 16.090 | VV | 357496 | 4612865 | 49.92%  | 2.132% |
| 241 | 16.110 | 16.090 | 16.135 | VV | 2729   | 45759   | 0.50%   | 0.021% |
| 242 | 16.169 | 16.135 | 16.183 | VV | 751    | 14751   | 0.16%   | 0.007% |
| 243 | 16.197 | 16.183 | 16.210 | VV | 795    | 7954    | 0.09%   | 0.004% |
| 244 | 16.227 | 16.210 | 16.247 | PV | 1395   | 13352   | 0.14%   | 0.006% |
| 245 | 16.269 | 16.247 | 16.290 | PV | 2412   | 44826   | 0.49%   | 0.021% |
| 246 | 16.307 | 16.290 | 16.328 | VV | 2270   | 37641   | 0.41%   | 0.017% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 16.364 | 16.328 | 16.399 | VV | 3930   | 97200   | 1.05%  | 0.045% |
| 248 | 16.423 | 16.399 | 16.456 | VV | 2766   | 67604   | 0.73%  | 0.031% |
| 249 | 16.478 | 16.456 | 16.497 | VV | 3332   | 52964   | 0.57%  | 0.024% |
| 250 | 16.574 | 16.497 | 16.590 | VV | 324655 | 5005790 | 54.17% | 2.314% |
| 251 | 16.608 | 16.590 | 16.657 | VV | 378335 | 4414545 | 47.77% | 2.041% |
| 252 | 16.699 | 16.657 | 16.724 | VV | 9485   | 167676  | 1.81%  | 0.078% |
| 253 | 16.733 | 16.724 | 16.747 | VV | 2591   | 32965   | 0.36%  | 0.015% |
| 254 | 16.755 | 16.747 | 16.779 | VV | 2163   | 37016   | 0.40%  | 0.017% |
| 255 | 16.786 | 16.779 | 16.800 | VV | 1739   | 20076   | 0.22%  | 0.009% |
| 256 | 16.891 | 16.800 | 16.919 | VV | 24884  | 446342  | 4.83%  | 0.206% |
| 257 | 16.958 | 16.919 | 16.977 | VV | 321651 | 4244584 | 45.94% | 1.962% |
| 258 | 17.006 | 16.977 | 17.034 | VV | 349350 | 4520307 | 48.92% | 2.090% |
| 259 | 17.050 | 17.034 | 17.074 | VV | 17714  | 230636  | 2.50%  | 0.107% |
| 260 | 17.099 | 17.074 | 17.123 | VV | 3319   | 81205   | 0.88%  | 0.038% |
| 261 | 17.142 | 17.123 | 17.152 | VV | 1911   | 29095   | 0.31%  | 0.013% |
| 262 | 17.193 | 17.152 | 17.229 | VV | 3588   | 94861   | 1.03%  | 0.044% |
| 263 | 17.247 | 17.229 | 17.265 | VV | 2323   | 38164   | 0.41%  | 0.018% |
| 264 | 17.278 | 17.265 | 17.290 | VV | 2550   | 32715   | 0.35%  | 0.015% |
| 265 | 17.301 | 17.290 | 17.314 | VV | 3006   | 37894   | 0.41%  | 0.018% |
| 266 | 17.341 | 17.314 | 17.360 | VV | 3938   | 75202   | 0.81%  | 0.035% |
| 267 | 17.374 | 17.360 | 17.390 | VV | 2684   | 38820   | 0.42%  | 0.018% |
| 268 | 17.400 | 17.390 | 17.414 | VV | 2295   | 28002   | 0.30%  | 0.013% |
| 269 | 17.451 | 17.414 | 17.488 | VV | 17734  | 297596  | 3.22%  | 0.138% |
| 270 | 17.504 | 17.488 | 17.517 | VV | 2149   | 29267   | 0.32%  | 0.014% |
| 271 | 17.548 | 17.517 | 17.572 | VV | 3012   | 75844   | 0.82%  | 0.035% |
| 272 | 17.602 | 17.572 | 17.623 | VV | 4191   | 89106   | 0.96%  | 0.041% |
| 273 | 17.645 | 17.623 | 17.684 | VV | 2837   | 79889   | 0.86%  | 0.037% |
| 274 | 17.707 | 17.684 | 17.719 | VV | 2174   | 34852   | 0.38%  | 0.016% |
| 275 | 17.739 | 17.719 | 17.762 | VV | 3105   | 55389   | 0.60%  | 0.026% |
| 276 | 17.771 | 17.762 | 17.780 | VV | 1996   | 19225   | 0.21%  | 0.009% |
| 277 | 17.811 | 17.780 | 17.842 | VV | 2365   | 65222   | 0.71%  | 0.030% |
| 278 | 17.892 | 17.842 | 17.952 | VV | 315974 | 4463907 | 48.31% | 2.063% |
| 279 | 17.972 | 17.952 | 17.992 | VV | 2315   | 45385   | 0.49%  | 0.021% |
| 280 | 18.064 | 17.992 | 18.079 | VV | 6250   | 193398  | 2.09%  | 0.089% |
| 281 | 18.095 | 18.079 | 18.130 | VV | 6087   | 145083  | 1.57%  | 0.067% |
| 282 | 18.189 | 18.130 | 18.200 | VV | 4076   | 144881  | 1.57%  | 0.067% |
| 283 | 18.226 | 18.200 | 18.240 | VV | 9725   | 162526  | 1.76%  | 0.075% |
| 284 | 18.256 | 18.240 | 18.280 | VV | 9018   | 186902  | 2.02%  | 0.086% |
| 285 | 18.333 | 18.280 | 18.347 | VV | 293408 | 4655324 | 50.38% | 2.152% |
| 286 | 18.365 | 18.347 | 18.392 | VV | 328910 | 4026849 | 43.58% | 1.861% |
| 287 | 18.402 | 18.392 | 18.414 | VV | 9276   | 106339  | 1.15%  | 0.049% |
| 288 | 18.450 | 18.414 | 18.470 | VV | 12158  | 308277  | 3.34%  | 0.143% |
| 289 | 18.484 | 18.470 | 18.547 | VV | 9885   | 300974  | 3.26%  | 0.139% |
| 290 | 18.592 | 18.547 | 18.644 | VV | 314824 | 4530016 | 49.02% | 2.094% |
| 291 | 18.660 | 18.644 | 18.675 | VV | 6432   | 110023  | 1.19%  | 0.051% |
| 292 | 18.720 | 18.675 | 18.769 | VV | 314654 | 4428284 | 47.92% | 2.047% |
| 293 | 18.818 | 18.769 | 18.832 | VV | 7663   | 222314  | 2.41%  | 0.103% |
| 294 | 18.852 | 18.832 | 18.869 | VV | 8027   | 146924  | 1.59%  | 0.068% |
| 295 | 18.893 | 18.869 | 18.930 | VV | 8521   | 264667  | 2.86%  | 0.122% |
| 296 | 18.997 | 18.930 | 19.014 | VV | 8082   | 330206  | 3.57%  | 0.153% |
| 297 | 19.025 | 19.014 | 19.044 | VV | 7779   | 125797  | 1.36%  | 0.058% |
| 298 | 19.113 | 19.044 | 19.160 | VV | 15006  | 703944  | 7.62%  | 0.325% |
| 299 | 19.177 | 19.160 | 19.210 | VV | 10200  | 248602  | 2.69%  | 0.115% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 19.222 | 19.210 | 19.230 | VV | 7896   | 87599   | 0.95%  | 0.040% |
| 301 | 19.251 | 19.230 | 19.267 | VV | 10815  | 207720  | 2.25%  | 0.096% |
| 302 | 19.278 | 19.267 | 19.294 | VV | 10084  | 145544  | 1.58%  | 0.067% |
| 303 | 19.309 | 19.294 | 19.324 | VV | 9020   | 145930  | 1.58%  | 0.067% |
| 304 | 19.332 | 19.324 | 19.344 | VV | 8285   | 93883   | 1.02%  | 0.043% |
| 305 | 19.377 | 19.344 | 19.390 | VV | 9911   | 259040  | 2.80%  | 0.120% |
| 306 | 19.425 | 19.390 | 19.447 | VV | 12700  | 366004  | 3.96%  | 0.169% |
| 307 | 19.502 | 19.447 | 19.545 | VV | 280540 | 4474234 | 48.42% | 2.068% |
| 308 | 19.554 | 19.545 | 19.564 | VV | 11298  | 123755  | 1.34%  | 0.057% |
| 309 | 19.584 | 19.564 | 19.594 | VV | 12565  | 211851  | 2.29%  | 0.098% |
| 310 | 19.601 | 19.594 | 19.620 | VV | 13010  | 190975  | 2.07%  | 0.088% |
| 311 | 19.644 | 19.620 | 19.660 | VV | 14318  | 305691  | 3.31%  | 0.141% |
| 312 | 19.672 | 19.660 | 19.687 | VV | 13152  | 207816  | 2.25%  | 0.096% |
| 313 | 19.727 | 19.687 | 19.755 | VV | 20853  | 670956  | 7.26%  | 0.310% |
| 314 | 19.794 | 19.755 | 19.827 | VV | 23268  | 787958  | 8.53%  | 0.364% |
| 315 | 19.879 | 19.827 | 19.936 | VV | 23028  | 1266658 | 13.71% | 0.586% |
| 316 | 19.942 | 19.936 | 19.960 | VV | 18303  | 246415  | 2.67%  | 0.114% |
| 317 | 20.008 | 19.960 | 20.034 | VV | 18204  | 748328  | 8.10%  | 0.346% |
| 318 | 20.106 | 20.034 | 20.139 | VV | 31138  | 1342466 | 14.53% | 0.621% |
| 319 | 20.178 | 20.139 | 20.197 | VV | 26847  | 859281  | 9.30%  | 0.397% |
| 320 | 20.239 | 20.197 | 20.281 | VV | 260474 | 4625245 | 50.06% | 2.138% |
| 321 | 20.346 | 20.281 | 20.357 | VV | 20992  | 907432  | 9.82%  | 0.419% |
| 322 | 20.409 | 20.357 | 20.417 | VV | 24492  | 805652  | 8.72%  | 0.372% |
| 323 | 20.431 | 20.417 | 20.455 | VV | 24165  | 542122  | 5.87%  | 0.251% |
| 324 | 20.468 | 20.455 | 20.529 | VV | 23689  | 921321  | 9.97%  | 0.426% |
| 325 | 20.537 | 20.529 | 20.558 | VV | 18461  | 312784  | 3.38%  | 0.145% |
| 326 | 20.604 | 20.558 | 20.620 | VV | 21614  | 720932  | 7.80%  | 0.333% |
| 327 | 20.628 | 20.620 | 20.649 | VV | 21377  | 338581  | 3.66%  | 0.157% |
| 328 | 20.700 | 20.649 | 20.735 | VV | 22037  | 1099649 | 11.90% | 0.508% |
| 329 | 20.747 | 20.735 | 20.769 | VV | 22177  | 408214  | 4.42%  | 0.189% |
| 330 | 20.780 | 20.769 | 20.814 | VV | 19354  | 463278  | 5.01%  | 0.214% |
| 331 | 20.824 | 20.814 | 20.860 | VV | 14867  | 391390  | 4.24%  | 0.181% |
| 332 | 20.874 | 20.860 | 20.904 | VV | 13861  | 346540  | 3.75%  | 0.160% |
| 333 | 20.936 | 20.904 | 20.947 | VV | 16621  | 384065  | 4.16%  | 0.178% |
| 334 | 21.011 | 20.947 | 21.064 | VV | 180846 | 4305393 | 46.59% | 1.990% |
| 335 | 21.071 | 21.064 | 21.129 | VV | 15663  | 503467  | 5.45%  | 0.233% |
| 336 | 21.135 | 21.129 | 21.154 | VV | 11326  | 158652  | 1.72%  | 0.073% |
| 337 | 21.177 | 21.154 | 21.205 | VV | 11041  | 304763  | 3.30%  | 0.141% |
| 338 | 21.213 | 21.205 | 21.230 | VV | 9454   | 130927  | 1.42%  | 0.061% |
| 339 | 21.268 | 21.230 | 21.279 | VV | 10971  | 273149  | 2.96%  | 0.126% |
| 340 | 21.306 | 21.279 | 21.332 | VV | 10401  | 316791  | 3.43%  | 0.146% |
| 341 | 21.342 | 21.332 | 21.392 | VV | 9843   | 325893  | 3.53%  | 0.151% |
| 342 | 21.399 | 21.392 | 21.438 | VV | 8421   | 193151  | 2.09%  | 0.089% |
| 343 | 21.456 | 21.438 | 21.506 | VV | 8196   | 254110  | 2.75%  | 0.117% |
| 344 | 21.516 | 21.506 | 21.525 | VV | 4000   | 45820   | 0.50%  | 0.021% |
| 345 | 21.533 | 21.525 | 21.545 | VV | 4232   | 47563   | 0.51%  | 0.022% |
| 346 | 21.579 | 21.545 | 21.590 | VV | 7186   | 150738  | 1.63%  | 0.070% |
| 347 | 21.602 | 21.590 | 21.610 | VV | 6199   | 68743   | 0.74%  | 0.032% |
| 348 | 21.635 | 21.610 | 21.657 | VV | 5903   | 151644  | 1.64%  | 0.070% |
| 349 | 21.666 | 21.657 | 21.689 | VV | 5631   | 100087  | 1.08%  | 0.046% |
| 350 | 21.711 | 21.689 | 21.740 | VV | 6231   | 164762  | 1.78%  | 0.076% |
| 351 | 21.747 | 21.740 | 21.756 | VV | 5456   | 45538   | 0.49%  | 0.021% |

|     |        |        |        |    |        |         |        |        |  |
|-----|--------|--------|--------|----|--------|---------|--------|--------|--|
|     |        |        |        |    | rteres |         |        |        |  |
| 352 | 21.762 | 21.756 | 21.798 | VV | 4678   | 102967  | 1.11%  | 0.048% |  |
| 353 | 21.819 | 21.798 | 21.872 | VV | 4166   | 91807   | 0.99%  | 0.042% |  |
| 354 | 21.912 | 21.872 | 21.925 | VV | 2312   | 35330   | 0.38%  | 0.016% |  |
| 355 | 21.987 | 21.925 | 22.042 | VV | 131977 | 3223049 | 34.88% | 1.490% |  |

Sum of corrected areas: 216328159

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