

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD013019AL\  
 Data File : FD027533.D  
 Signal(s) : FID2B.CH  
 Acq On : 30 Jan 2019 20:51  
 Sample : K1282-01  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 010719.M  
 Title : GC Extractables

Signal : FID2B.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         | 3.327       | 3.308        | 3.354      | VV       | 1331           | 17907        | 0.84%          | 0.017%        |
| 2         | 3.366       | 3.354        | 3.382      | VV       | 870            | 10197        | 0.48%          | 0.010%        |
| 3         | 3.438       | 3.421        | 3.481      | VV       | 1697           | 25717        | 1.21%          | 0.025%        |
| 4         | 3.513       | 3.481        | 3.532      | VV       | 789            | 15651        | 0.73%          | 0.015%        |
| 5         | 3.553       | 3.532        | 3.581      | VV       | 1578           | 23013        | 1.08%          | 0.022%        |
| 6         | 3.635       | 3.615        | 3.662      | VV       | 1762           | 22325        | 1.05%          | 0.022%        |
| 7         | 3.731       | 3.686        | 3.775      | PV       | 3601           | 58848        | 2.76%          | 0.057%        |
| 8         | 3.819       | 3.800        | 3.852      | VV       | 885            | 13867        | 0.65%          | 0.014%        |
| 9         | 3.885       | 3.868        | 3.911      | VV       | 2253           | 25197        | 1.18%          | 0.025%        |
| 10        | 3.930       | 3.911        | 3.948      | VV       | 1043           | 14289        | 0.67%          | 0.014%        |
| 11        | 3.954       | 3.948        | 3.999      | VV       | 632            | 10701        | 0.50%          | 0.010%        |
| 12        | 4.126       | 4.094        | 4.143      | VV       | 1699           | 19550        | 0.92%          | 0.019%        |
| 13        | 4.314       | 4.295        | 4.336      | VV       | 808            | 14636        | 0.69%          | 0.014%        |
| 14        | 4.378       | 4.362        | 4.412      | VV       | 1889           | 24276        | 1.14%          | 0.024%        |
| 15        | 4.466       | 4.447        | 4.482      | VV       | 1432           | 17450        | 0.82%          | 0.017%        |
| 16        | 4.493       | 4.482        | 4.513      | VV       | 1512           | 17537        | 0.82%          | 0.017%        |
| 17        | 4.536       | 4.513        | 4.555      | VV       | 858            | 13264        | 0.62%          | 0.013%        |
| 18        | 4.577       | 4.555        | 4.608      | VV       | 1702           | 21429        | 1.01%          | 0.021%        |
| 19        | 4.686       | 4.659        | 4.718      | VV       | 1118           | 21779        | 1.02%          | 0.021%        |
| 20        | 4.756       | 4.741        | 4.780      | VV       | 1467           | 17580        | 0.83%          | 0.017%        |
| 21        | 4.802       | 4.780        | 4.816      | VV       | 1276           | 15810        | 0.74%          | 0.015%        |
| 22        | 4.826       | 4.816        | 4.844      | VV       | 891            | 11664        | 0.55%          | 0.011%        |
| 23        | 4.863       | 4.844        | 4.895      | VV       | 969            | 15576        | 0.73%          | 0.015%        |
| 24        | 4.978       | 4.962        | 4.998      | VV       | 689            | 10033        | 0.47%          | 0.010%        |
| 25        | 5.025       | 4.998        | 5.062      | VV       | 707            | 19347        | 0.91%          | 0.019%        |
| 26        | 5.098       | 5.082        | 5.134      | VV       | 1063           | 11951        | 0.56%          | 0.012%        |
| 27        | 5.158       | 5.134        | 5.215      | PV       | 2795           | 45748        | 2.15%          | 0.045%        |
| 28        | 5.303       | 5.285        | 5.370      | VV       | 1825           | 42540        | 2.00%          | 0.041%        |
| 29        | 5.411       | 5.370        | 5.432      | VV       | 1371           | 33380        | 1.57%          | 0.033%        |
| 30        | 5.443       | 5.432        | 5.465      | VV       | 1390           | 18019        | 0.85%          | 0.018%        |
| 31        | 5.512       | 5.489        | 5.530      | VV       | 870            | 11655        | 0.55%          | 0.011%        |
| 32        | 5.595       | 5.555        | 5.624      | VV       | 2820           | 42191        | 1.98%          | 0.041%        |
| 33        | 5.651       | 5.624        | 5.668      | VV       | 1096           | 18535        | 0.87%          | 0.018%        |
| 34        | 5.684       | 5.668        | 5.715      | VV       | 7907           | 82882        | 3.89%          | 0.081%        |
| 35        | 5.721       | 5.715        | 5.765      | VV       | 798            | 14745        | 0.69%          | 0.014%        |
| 36        | 5.791       | 5.765        | 5.807      | VV       | 1023           | 16990        | 0.80%          | 0.017%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.830 | 5.807 | 5.848 | VV | 2853   | 33589  | 1.58% | 0.033% |
| 38 | 5.866 | 5.848 | 5.898 | VV | 1282   | 22880  | 1.07% | 0.022% |
| 39 | 5.927 | 5.915 | 5.968 | VV | 851    | 14746  | 0.69% | 0.014% |
| 40 | 6.034 | 6.013 | 6.051 | VV | 925    | 14160  | 0.66% | 0.014% |
|    |       |       |       |    |        |        |       |        |
| 41 | 6.062 | 6.051 | 6.118 | VV | 622    | 16647  | 0.78% | 0.016% |
| 42 | 6.134 | 6.118 | 6.179 | VV | 2548   | 32880  | 1.54% | 0.032% |
| 43 | 6.246 | 6.231 | 6.261 | VV | 751    | 10231  | 0.48% | 0.010% |
| 44 | 6.282 | 6.261 | 6.338 | VV | 2312   | 36741  | 1.72% | 0.036% |
| 45 | 6.442 | 6.415 | 6.467 | VV | 1906   | 24500  | 1.15% | 0.024% |
|    |       |       |       |    |        |        |       |        |
| 46 | 6.512 | 6.488 | 6.528 | VV | 664    | 11860  | 0.56% | 0.012% |
| 47 | 6.644 | 6.622 | 6.665 | VV | 933    | 16437  | 0.77% | 0.016% |
| 48 | 6.679 | 6.665 | 6.707 | VV | 787    | 11925  | 0.56% | 0.012% |
| 49 | 6.733 | 6.707 | 6.775 | VV | 9393   | 105656 | 4.96% | 0.103% |
| 50 | 6.830 | 6.801 | 6.848 | VV | 3206   | 39498  | 1.85% | 0.038% |
|    |       |       |       |    |        |        |       |        |
| 51 | 6.865 | 6.848 | 6.907 | VV | 4646   | 55077  | 2.59% | 0.054% |
| 52 | 6.922 | 6.907 | 6.972 | VV | 717    | 12401  | 0.58% | 0.012% |
| 53 | 7.016 | 6.998 | 7.031 | VV | 1202   | 13597  | 0.64% | 0.013% |
| 54 | 7.051 | 7.031 | 7.090 | VV | 3066   | 37255  | 1.75% | 0.036% |
| 55 | 7.115 | 7.090 | 7.139 | VV | 974    | 16164  | 0.76% | 0.016% |
|    |       |       |       |    |        |        |       |        |
| 56 | 7.176 | 7.155 | 7.198 | VV | 752    | 13134  | 0.62% | 0.013% |
| 57 | 7.221 | 7.198 | 7.248 | VV | 1160   | 17486  | 0.82% | 0.017% |
| 58 | 7.400 | 7.393 | 7.428 | VV | 1204   | 21577  | 1.01% | 0.021% |
| 59 | 7.457 | 7.428 | 7.492 | VV | 2987   | 62832  | 2.95% | 0.061% |
| 60 | 7.504 | 7.492 | 7.519 | VV | 1060   | 14112  | 0.66% | 0.014% |
|    |       |       |       |    |        |        |       |        |
| 61 | 7.528 | 7.519 | 7.555 | VV | 768    | 11778  | 0.55% | 0.011% |
| 62 | 7.610 | 7.555 | 7.635 | VV | 2305   | 46535  | 2.18% | 0.045% |
| 63 | 7.704 | 7.684 | 7.729 | VV | 2804   | 50915  | 2.39% | 0.050% |
| 64 | 7.737 | 7.729 | 7.760 | VV | 2155   | 22915  | 1.08% | 0.022% |
| 65 | 7.820 | 7.791 | 7.836 | VV | 6126   | 69852  | 3.28% | 0.068% |
|    |       |       |       |    |        |        |       |        |
| 66 | 7.847 | 7.836 | 7.867 | VV | 3263   | 33884  | 1.59% | 0.033% |
| 67 | 7.886 | 7.867 | 7.899 | VV | 1644   | 19384  | 0.91% | 0.019% |
| 68 | 7.916 | 7.899 | 7.945 | VV | 2971   | 39494  | 1.85% | 0.038% |
| 69 | 7.967 | 7.945 | 7.988 | VV | 14146  | 163044 | 7.65% | 0.159% |
| 70 | 7.998 | 7.988 | 8.037 | VV | 3426   | 55487  | 2.60% | 0.054% |
|    |       |       |       |    |        |        |       |        |
| 71 | 8.054 | 8.037 | 8.073 | VV | 2068   | 25456  | 1.19% | 0.025% |
| 72 | 8.089 | 8.073 | 8.106 | VV | 1092   | 13277  | 0.62% | 0.013% |
| 73 | 8.260 | 8.248 | 8.273 | VV | 1413   | 19349  | 0.91% | 0.019% |
| 74 | 8.292 | 8.273 | 8.317 | VV | 4054   | 51587  | 2.42% | 0.050% |
| 75 | 8.347 | 8.317 | 8.367 | VV | 3382   | 50634  | 2.38% | 0.049% |
|    |       |       |       |    |        |        |       |        |
| 76 | 8.381 | 8.367 | 8.394 | VV | 1590   | 21132  | 0.99% | 0.021% |
| 77 | 8.411 | 8.394 | 8.430 | VV | 1932   | 29372  | 1.38% | 0.029% |
| 78 | 8.449 | 8.430 | 8.474 | VV | 2570   | 37186  | 1.75% | 0.036% |
| 79 | 8.535 | 8.474 | 8.550 | VV | 2786   | 54504  | 2.56% | 0.053% |
| 80 | 8.565 | 8.550 | 8.593 | VV | 2993   | 37569  | 1.76% | 0.037% |
|    |       |       |       |    |        |        |       |        |
| 81 | 8.661 | 8.621 | 8.684 | VV | 1030   | 27915  | 1.31% | 0.027% |
| 82 | 8.704 | 8.684 | 8.717 | VV | 3080   | 33814  | 1.59% | 0.033% |
| 83 | 8.738 | 8.717 | 8.788 | VV | 4541   | 78212  | 3.67% | 0.076% |
| 84 | 8.823 | 8.788 | 8.835 | PV | 663    | 10022  | 0.47% | 0.010% |
| 85 | 8.858 | 8.835 | 8.873 | VV | 3149   | 37486  | 1.76% | 0.037% |
|    |       |       |       |    |        |        |       |        |
| 86 | 8.889 | 8.873 | 8.906 | VV | 3039   | 33285  | 1.56% | 0.032% |
| 87 | 8.924 | 8.906 | 8.956 | VV | 1467   | 26354  | 1.24% | 0.026% |
| 88 | 8.991 | 8.956 | 9.013 | VV | 2694   | 36836  | 1.73% | 0.036% |
| 89 | 9.029 | 9.013 | 9.048 | VV | 620    | 10626  | 0.50% | 0.010% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 90  | 9.069  | 9.048  | 9.085  | VV | 3875   | 44109   | 2.07%  | 0.043% |
| 91  | 9.095  | 9.085  | 9.127  | VV | 2107   | 27730   | 1.30%  | 0.027% |
| 92  | 9.153  | 9.127  | 9.168  | VV | 3410   | 41135   | 1.93%  | 0.040% |
| 93  | 9.182  | 9.168  | 9.202  | VV | 2524   | 33444   | 1.57%  | 0.033% |
| 94  | 9.222  | 9.202  | 9.242  | VV | 1588   | 27837   | 1.31%  | 0.027% |
| 95  | 9.260  | 9.242  | 9.267  | VV | 1923   | 22518   | 1.06%  | 0.022% |
| 96  | 9.279  | 9.267  | 9.299  | VV | 2432   | 30505   | 1.43%  | 0.030% |
| 97  | 9.313  | 9.299  | 9.367  | VV | 921    | 30687   | 1.44%  | 0.030% |
| 98  | 9.392  | 9.367  | 9.422  | VV | 2246   | 38841   | 1.82%  | 0.038% |
| 99  | 9.447  | 9.422  | 9.465  | VV | 1202   | 22985   | 1.08%  | 0.022% |
| 100 | 9.503  | 9.465  | 9.534  | VV | 4321   | 85393   | 4.01%  | 0.083% |
| 101 | 9.550  | 9.534  | 9.566  | VV | 1248   | 14185   | 0.67%  | 0.014% |
| 102 | 9.591  | 9.566  | 9.628  | VV | 1082   | 23015   | 1.08%  | 0.022% |
| 103 | 9.657  | 9.628  | 9.722  | VV | 958    | 21583   | 1.01%  | 0.021% |
| 104 | 9.814  | 9.778  | 9.833  | PV | 1588   | 20263   | 0.95%  | 0.020% |
| 105 | 9.892  | 9.833  | 9.906  | VV | 1405   | 32770   | 1.54%  | 0.032% |
| 106 | 9.941  | 9.906  | 9.965  | VV | 3931   | 79949   | 3.75%  | 0.078% |
| 107 | 9.984  | 9.965  | 10.012 | VV | 3699   | 54200   | 2.54%  | 0.053% |
| 108 | 10.021 | 10.012 | 10.041 | VV | 1037   | 15065   | 0.71%  | 0.015% |
| 109 | 10.068 | 10.041 | 10.094 | VV | 2495   | 50789   | 2.38%  | 0.049% |
| 110 | 10.114 | 10.094 | 10.174 | VV | 4259   | 79522   | 3.73%  | 0.077% |
| 111 | 10.194 | 10.174 | 10.209 | VV | 1773   | 24654   | 1.16%  | 0.024% |
| 112 | 10.236 | 10.209 | 10.253 | VV | 6664   | 93797   | 4.40%  | 0.091% |
| 113 | 10.264 | 10.253 | 10.292 | VV | 4071   | 62096   | 2.91%  | 0.060% |
| 114 | 10.315 | 10.292 | 10.348 | VV | 4027   | 81439   | 3.82%  | 0.079% |
| 115 | 10.364 | 10.348 | 10.380 | VV | 2352   | 29659   | 1.39%  | 0.029% |
| 116 | 10.394 | 10.380 | 10.414 | VV | 1347   | 22697   | 1.07%  | 0.022% |
| 117 | 10.456 | 10.414 | 10.506 | VV | 49973  | 562826  | 26.42% | 0.548% |
| 118 | 10.531 | 10.506 | 10.553 | VV | 11966  | 143624  | 6.74%  | 0.140% |
| 119 | 10.560 | 10.553 | 10.580 | VV | 1966   | 24679   | 1.16%  | 0.024% |
| 120 | 10.591 | 10.580 | 10.617 | VV | 1307   | 24867   | 1.17%  | 0.024% |
| 121 | 10.647 | 10.617 | 10.665 | VV | 1658   | 33858   | 1.59%  | 0.033% |
| 122 | 10.704 | 10.665 | 10.724 | VV | 1638   | 39375   | 1.85%  | 0.038% |
| 123 | 10.753 | 10.724 | 10.791 | VV | 5882   | 122401  | 5.74%  | 0.119% |
| 124 | 10.820 | 10.791 | 10.835 | VV | 3062   | 56040   | 2.63%  | 0.055% |
| 125 | 10.852 | 10.835 | 10.892 | VV | 3767   | 88107   | 4.14%  | 0.086% |
| 126 | 10.904 | 10.892 | 10.915 | VV | 1900   | 23617   | 1.11%  | 0.023% |
| 127 | 10.939 | 10.915 | 10.957 | VV | 4924   | 83611   | 3.92%  | 0.081% |
| 128 | 10.975 | 10.957 | 11.017 | VV | 5775   | 118613  | 5.57%  | 0.116% |
| 129 | 11.063 | 11.017 | 11.081 | VV | 3905   | 95550   | 4.48%  | 0.093% |
| 130 | 11.105 | 11.081 | 11.125 | VV | 4476   | 77464   | 3.64%  | 0.075% |
| 131 | 11.147 | 11.125 | 11.170 | VV | 3230   | 60693   | 2.85%  | 0.059% |
| 132 | 11.234 | 11.170 | 11.269 | VV | 181023 | 2079220 | 97.59% | 2.026% |
| 133 | 11.285 | 11.269 | 11.315 | VV | 19670  | 254578  | 11.95% | 0.248% |
| 134 | 11.364 | 11.315 | 11.383 | VV | 10511  | 244524  | 11.48% | 0.238% |
| 135 | 11.402 | 11.383 | 11.417 | VV | 14709  | 176941  | 8.30%  | 0.172% |
| 136 | 11.432 | 11.417 | 11.468 | VV | 13525  | 206356  | 9.69%  | 0.201% |
| 137 | 11.483 | 11.468 | 11.496 | VV | 2793   | 44328   | 2.08%  | 0.043% |
| 138 | 11.520 | 11.496 | 11.539 | VV | 3947   | 79831   | 3.75%  | 0.078% |
| 139 | 11.609 | 11.539 | 11.635 | VV | 9310   | 302755  | 14.21% | 0.295% |
| 140 | 11.650 | 11.635 | 11.669 | VV | 5005   | 87104   | 4.09%  | 0.085% |
| 141 | 11.727 | 11.669 | 11.747 | VV | 11573  | 251726  | 11.81% | 0.245% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 11.754 | 11.747 | 11.766 | VV | 4859   | 53187   | 2.50%  | 0.052% |
| 143 | 11.785 | 11.766 | 11.811 | VV | 5743   | 126580  | 5.94%  | 0.123% |
| 144 | 11.868 | 11.811 | 11.885 | VV | 6305   | 202644  | 9.51%  | 0.197% |
| 145 | 11.899 | 11.885 | 11.915 | VV | 5260   | 87186   | 4.09%  | 0.085% |
|     |        |        |        |    |        |         |        |        |
| 146 | 11.933 | 11.915 | 11.944 | VV | 4983   | 82066   | 3.85%  | 0.080% |
| 147 | 11.972 | 11.944 | 11.985 | VV | 6717   | 141614  | 6.65%  | 0.138% |
| 148 | 11.994 | 11.985 | 12.018 | VV | 7287   | 117610  | 5.52%  | 0.115% |
| 149 | 12.042 | 12.018 | 12.081 | VV | 10931  | 292606  | 13.73% | 0.285% |
| 150 | 12.097 | 12.081 | 12.107 | VV | 6983   | 91621   | 4.30%  | 0.089% |
|     |        |        |        |    |        |         |        |        |
| 151 | 12.120 | 12.107 | 12.127 | VV | 6958   | 77196   | 3.62%  | 0.075% |
| 152 | 12.148 | 12.127 | 12.168 | VV | 19135  | 303190  | 14.23% | 0.295% |
| 153 | 12.185 | 12.168 | 12.200 | VV | 11652  | 188153  | 8.83%  | 0.183% |
| 154 | 12.211 | 12.200 | 12.226 | VV | 10624  | 140666  | 6.60%  | 0.137% |
| 155 | 12.258 | 12.226 | 12.305 | VV | 94529  | 1272136 | 59.71% | 1.239% |
|     |        |        |        |    |        |         |        |        |
| 156 | 12.321 | 12.305 | 12.340 | VV | 5934   | 114824  | 5.39%  | 0.112% |
| 157 | 12.360 | 12.340 | 12.367 | VV | 6129   | 88541   | 4.16%  | 0.086% |
| 158 | 12.393 | 12.367 | 12.410 | VV | 7449   | 166023  | 7.79%  | 0.162% |
| 159 | 12.431 | 12.410 | 12.458 | VV | 10255  | 235962  | 11.08% | 0.230% |
| 160 | 12.481 | 12.458 | 12.523 | VV | 10571  | 329224  | 15.45% | 0.321% |
|     |        |        |        |    |        |         |        |        |
| 161 | 12.552 | 12.523 | 12.581 | VV | 86671  | 1059808 | 49.74% | 1.032% |
| 162 | 12.611 | 12.581 | 12.627 | VV | 12684  | 255013  | 11.97% | 0.248% |
| 163 | 12.647 | 12.627 | 12.654 | VV | 13430  | 175035  | 8.22%  | 0.171% |
| 164 | 12.678 | 12.654 | 12.712 | VV | 110478 | 1448608 | 67.99% | 1.411% |
| 165 | 12.749 | 12.712 | 12.798 | VV | 10310  | 423707  | 19.89% | 0.413% |
|     |        |        |        |    |        |         |        |        |
| 166 | 12.850 | 12.798 | 12.873 | VV | 12308  | 426317  | 20.01% | 0.415% |
| 167 | 12.893 | 12.873 | 12.920 | VV | 11835  | 255305  | 11.98% | 0.249% |
| 168 | 12.953 | 12.920 | 12.968 | VV | 11045  | 259576  | 12.18% | 0.253% |
| 169 | 13.014 | 12.968 | 13.049 | VV | 13477  | 499042  | 23.42% | 0.486% |
| 170 | 13.074 | 13.049 | 13.088 | VV | 8881   | 193477  | 9.08%  | 0.188% |
|     |        |        |        |    |        |         |        |        |
| 171 | 13.142 | 13.088 | 13.197 | VV | 26301  | 842608  | 39.55% | 0.821% |
| 172 | 13.218 | 13.197 | 13.229 | VV | 10641  | 183467  | 8.61%  | 0.179% |
| 173 | 13.250 | 13.229 | 13.267 | VV | 15791  | 294771  | 13.84% | 0.287% |
| 174 | 13.284 | 13.267 | 13.306 | VV | 18027  | 322091  | 15.12% | 0.314% |
| 175 | 13.326 | 13.306 | 13.358 | VV | 11012  | 311618  | 14.63% | 0.304% |
|     |        |        |        |    |        |         |        |        |
| 176 | 13.412 | 13.358 | 13.437 | VV | 19493  | 646006  | 30.32% | 0.629% |
| 177 | 13.453 | 13.437 | 13.503 | VV | 16468  | 472989  | 22.20% | 0.461% |
| 178 | 13.537 | 13.503 | 13.553 | VV | 11299  | 298487  | 14.01% | 0.291% |
| 179 | 13.642 | 13.553 | 13.662 | VV | 11949  | 691794  | 32.47% | 0.674% |
| 180 | 13.681 | 13.662 | 13.708 | VV | 12439  | 308881  | 14.50% | 0.301% |
|     |        |        |        |    |        |         |        |        |
| 181 | 13.726 | 13.708 | 13.743 | VV | 11628  | 229151  | 10.76% | 0.223% |
| 182 | 13.763 | 13.743 | 13.792 | VV | 11223  | 312323  | 14.66% | 0.304% |
| 183 | 13.836 | 13.792 | 13.853 | VV | 18446  | 533969  | 25.06% | 0.520% |
| 184 | 13.871 | 13.853 | 13.915 | VV | 22747  | 592173  | 27.79% | 0.577% |
| 185 | 13.980 | 13.915 | 14.009 | VV | 16988  | 801779  | 37.63% | 0.781% |
|     |        |        |        |    |        |         |        |        |
| 186 | 14.043 | 14.009 | 14.064 | VV | 21541  | 537910  | 25.25% | 0.524% |
| 187 | 14.074 | 14.064 | 14.087 | VV | 15690  | 212783  | 9.99%  | 0.207% |
| 188 | 14.108 | 14.087 | 14.131 | VV | 26984  | 502028  | 23.56% | 0.489% |
| 189 | 14.172 | 14.131 | 14.196 | VV | 20200  | 627819  | 29.47% | 0.612% |
| 190 | 14.208 | 14.196 | 14.222 | VV | 13779  | 214756  | 10.08% | 0.209% |
|     |        |        |        |    |        |         |        |        |
| 191 | 14.291 | 14.222 | 14.313 | VV | 15623  | 761296  | 35.73% | 0.742% |
| 192 | 14.337 | 14.313 | 14.347 | VV | 13528  | 274022  | 12.86% | 0.267% |
| 193 | 14.370 | 14.347 | 14.383 | VV | 16226  | 316456  | 14.85% | 0.308% |
| 194 | 14.419 | 14.383 | 14.438 | VV | 62315  | 1075038 | 50.46% | 1.047% |

| rteres |        |        |        |    |       |         |         |        |
|--------|--------|--------|--------|----|-------|---------|---------|--------|
| 195    | 14.458 | 14.438 | 14.485 | VV | 69305 | 1009417 | 47.38%  | 0.983% |
| 196    | 14.514 | 14.485 | 14.549 | VV | 19402 | 658793  | 30.92%  | 0.642% |
| 197    | 14.578 | 14.549 | 14.605 | VV | 24005 | 638194  | 29.95%  | 0.622% |
| 198    | 14.622 | 14.605 | 14.640 | VV | 19263 | 372100  | 17.46%  | 0.362% |
| 199    | 14.661 | 14.640 | 14.692 | VV | 19763 | 521097  | 24.46%  | 0.508% |
| 200    | 14.723 | 14.692 | 14.815 | VV | 23150 | 1289630 | 60.53%  | 1.256% |
| 201    | 14.866 | 14.815 | 14.882 | VV | 18942 | 653506  | 30.67%  | 0.637% |
| 202    | 14.903 | 14.882 | 14.971 | VV | 31525 | 1124209 | 52.77%  | 1.095% |
| 203    | 14.984 | 14.971 | 14.995 | VV | 17445 | 238087  | 11.17%  | 0.232% |
| 204    | 15.005 | 14.995 | 15.021 | VV | 17636 | 262824  | 12.34%  | 0.256% |
| 205    | 15.050 | 15.021 | 15.068 | VV | 22741 | 542301  | 25.45%  | 0.528% |
| 206    | 15.089 | 15.068 | 15.109 | VV | 39710 | 687145  | 32.25%  | 0.669% |
| 207    | 15.126 | 15.109 | 15.156 | VV | 25513 | 589846  | 27.68%  | 0.575% |
| 208    | 15.168 | 15.156 | 15.185 | VV | 17758 | 296425  | 13.91%  | 0.289% |
| 209    | 15.196 | 15.185 | 15.205 | VV | 18838 | 222454  | 10.44%  | 0.217% |
| 210    | 15.251 | 15.205 | 15.298 | VV | 26746 | 1187987 | 55.76%  | 1.157% |
| 211    | 15.333 | 15.298 | 15.354 | VV | 20635 | 626407  | 29.40%  | 0.610% |
| 212    | 15.373 | 15.354 | 15.386 | VV | 19570 | 369662  | 17.35%  | 0.360% |
| 213    | 15.411 | 15.386 | 15.432 | VV | 21934 | 540868  | 25.39%  | 0.527% |
| 214    | 15.454 | 15.432 | 15.472 | VV | 20105 | 437751  | 20.55%  | 0.426% |
| 215    | 15.542 | 15.472 | 15.568 | VV | 22429 | 1114664 | 52.32%  | 1.086% |
| 216    | 15.592 | 15.568 | 15.625 | VV | 19460 | 630816  | 29.61%  | 0.615% |
| 217    | 15.636 | 15.625 | 15.645 | VV | 18027 | 206700  | 9.70%   | 0.201% |
| 218    | 15.694 | 15.645 | 15.708 | VV | 23895 | 800892  | 37.59%  | 0.780% |
| 219    | 15.721 | 15.708 | 15.739 | VV | 25245 | 423952  | 19.90%  | 0.413% |
| 220    | 15.755 | 15.739 | 15.771 | VV | 23345 | 409335  | 19.21%  | 0.399% |
| 221    | 15.800 | 15.771 | 15.821 | VV | 23523 | 657411  | 30.86%  | 0.640% |
| 222    | 15.845 | 15.821 | 15.858 | VV | 22792 | 483686  | 22.70%  | 0.471% |
| 223    | 15.892 | 15.858 | 15.926 | VV | 27162 | 966123  | 45.35%  | 0.941% |
| 224    | 15.965 | 15.926 | 16.012 | VV | 79283 | 2130573 | 100.00% | 2.076% |
| 225    | 16.020 | 16.012 | 16.065 | VV | 26664 | 751209  | 35.26%  | 0.732% |
| 226    | 16.092 | 16.065 | 16.125 | VV | 31797 | 920116  | 43.19%  | 0.896% |
| 227    | 16.139 | 16.125 | 16.186 | VV | 24952 | 856001  | 40.18%  | 0.834% |
| 228    | 16.211 | 16.186 | 16.234 | VV | 25141 | 670455  | 31.47%  | 0.653% |
| 229    | 16.280 | 16.234 | 16.305 | VV | 65425 | 1532677 | 71.94%  | 1.493% |
| 230    | 16.337 | 16.305 | 16.382 | VV | 71160 | 1653772 | 77.62%  | 1.611% |
| 231    | 16.439 | 16.382 | 16.465 | VV | 36214 | 1377395 | 64.65%  | 1.342% |
| 232    | 16.487 | 16.465 | 16.512 | VV | 38371 | 891299  | 41.83%  | 0.868% |
| 233    | 16.527 | 16.512 | 16.545 | VV | 28566 | 534197  | 25.07%  | 0.520% |
| 234    | 16.582 | 16.545 | 16.613 | VV | 31000 | 1164363 | 54.65%  | 1.134% |
| 235    | 16.645 | 16.613 | 16.662 | VV | 27555 | 776031  | 36.42%  | 0.756% |
| 236    | 16.703 | 16.662 | 16.740 | VV | 35378 | 1437036 | 67.45%  | 1.400% |
| 237    | 16.757 | 16.740 | 16.814 | VV | 27343 | 1175843 | 55.19%  | 1.145% |
| 238    | 16.859 | 16.814 | 16.898 | VV | 36408 | 1510365 | 70.89%  | 1.471% |
| 239    | 16.935 | 16.898 | 16.968 | VV | 36535 | 1252764 | 58.80%  | 1.220% |
| 240    | 17.004 | 16.968 | 17.049 | VV | 31991 | 1363268 | 63.99%  | 1.328% |
| 241    | 17.079 | 17.049 | 17.142 | VV | 25828 | 1402171 | 65.81%  | 1.366% |
| 242    | 17.151 | 17.142 | 17.162 | VV | 25182 | 289002  | 13.56%  | 0.282% |
| 243    | 17.183 | 17.162 | 17.205 | VV | 26903 | 664101  | 31.17%  | 0.647% |
| 244    | 17.247 | 17.205 | 17.260 | VV | 26917 | 851776  | 39.98%  | 0.830% |
| 245    | 17.303 | 17.260 | 17.317 | VV | 28831 | 943447  | 44.28%  | 0.919% |
| 246    | 17.331 | 17.317 | 17.347 | VV | 29118 | 515900  | 24.21%  | 0.503% |

| rteres                  |        |        |        |    |           |         |        |        |
|-------------------------|--------|--------|--------|----|-----------|---------|--------|--------|
| 247                     | 17.370 | 17.347 | 17.396 | VV | 36187     | 882652  | 41.43% | 0.860% |
| 248                     | 17.406 | 17.396 | 17.441 | VV | 26873     | 705628  | 33.12% | 0.687% |
| 249                     | 17.471 | 17.441 | 17.486 | VV | 35471     | 824095  | 38.68% | 0.803% |
| 250                     | 17.497 | 17.486 | 17.548 | VV | 32124     | 1035943 | 48.62% | 1.009% |
| 251                     | 17.558 | 17.548 | 17.582 | VV | 25504     | 493118  | 23.14% | 0.480% |
| 252                     | 17.611 | 17.582 | 17.668 | VV | 30390     | 1353116 | 63.51% | 1.318% |
| 253                     | 17.697 | 17.668 | 17.725 | VV | 52903     | 1233703 | 57.90% | 1.202% |
| 254                     | 17.737 | 17.725 | 17.766 | VV | 32348     | 721030  | 33.84% | 0.702% |
| 255                     | 17.786 | 17.766 | 17.810 | VV | 34819     | 767884  | 36.04% | 0.748% |
| 256                     | 17.834 | 17.810 | 17.925 | VV | 39291     | 1915166 | 89.89% | 1.866% |
| 257                     | 17.946 | 17.925 | 18.008 | VV | 47331     | 1402467 | 65.83% | 1.366% |
| 258                     | 18.033 | 18.008 | 18.051 | VV | 23639     | 577558  | 27.11% | 0.563% |
| 259                     | 18.076 | 18.051 | 18.112 | VV | 27166     | 848381  | 39.82% | 0.826% |
| 260                     | 18.132 | 18.112 | 18.162 | VV | 19295     | 559777  | 26.27% | 0.545% |
| 261                     | 18.193 | 18.162 | 18.232 | VV | 26298     | 929034  | 43.60% | 0.905% |
| 262                     | 18.255 | 18.232 | 18.278 | VV | 23425     | 576556  | 27.06% | 0.562% |
| 263                     | 18.302 | 18.278 | 18.348 | VV | 22549     | 844281  | 39.63% | 0.822% |
| 264                     | 18.360 | 18.348 | 18.363 | VV | 18523     | 168455  | 7.91%  | 0.164% |
| 265                     | 18.381 | 18.363 | 18.405 | VV | 21083     | 487141  | 22.86% | 0.475% |
| 266                     | 18.428 | 18.405 | 18.442 | VV | 20055     | 419669  | 19.70% | 0.409% |
| 267                     | 18.461 | 18.442 | 18.482 | VV | 20947     | 450622  | 21.15% | 0.439% |
| 268                     | 18.544 | 18.482 | 18.570 | VV | 21359     | 1019213 | 47.84% | 0.993% |
| 269                     | 18.590 | 18.570 | 18.617 | VV | 23241     | 576666  | 27.07% | 0.562% |
| 270                     | 18.643 | 18.617 | 18.699 | VV | 19183     | 862904  | 40.50% | 0.841% |
| 271                     | 18.709 | 18.699 | 18.721 | VV | 15133     | 197103  | 9.25%  | 0.192% |
| 272                     | 18.734 | 18.721 | 18.746 | VV | 15938     | 226004  | 10.61% | 0.220% |
| 273                     | 18.766 | 18.746 | 18.828 | VV | 16442     | 768467  | 36.07% | 0.749% |
| 274                     | 18.841 | 18.828 | 18.865 | VV | 15338     | 324683  | 15.24% | 0.316% |
| 275                     | 18.901 | 18.865 | 18.922 | VV | 15043     | 496046  | 23.28% | 0.483% |
| 276                     | 18.967 | 18.922 | 19.018 | VV | 18175     | 894371  | 41.98% | 0.871% |
| 277                     | 19.030 | 19.018 | 19.065 | VV | 14866     | 402181  | 18.88% | 0.392% |
| 278                     | 19.102 | 19.065 | 19.131 | VV | 20981     | 669914  | 31.44% | 0.653% |
| 279                     | 19.166 | 19.131 | 19.201 | VV | 19494     | 686080  | 32.20% | 0.668% |
| 280                     | 19.212 | 19.201 | 19.245 | VV | 15536     | 397224  | 18.64% | 0.387% |
| 281                     | 19.251 | 19.245 | 19.312 | VV | 14860     | 573874  | 26.94% | 0.559% |
| 282                     | 19.350 | 19.312 | 19.421 | VV | 14751     | 879352  | 41.27% | 0.857% |
| 283                     | 19.472 | 19.421 | 19.512 | VV | 18738     | 799285  | 37.52% | 0.779% |
| 284                     | 19.534 | 19.512 | 19.562 | VV | 14704     | 406574  | 19.08% | 0.396% |
| 285                     | 19.568 | 19.562 | 19.589 | VV | 14243     | 222764  | 10.46% | 0.217% |
| 286                     | 19.611 | 19.589 | 19.652 | VV | 13693     | 476005  | 22.34% | 0.464% |
| 287                     | 19.666 | 19.652 | 19.678 | VV | 12216     | 183865  | 8.63%  | 0.179% |
| 288                     | 19.706 | 19.678 | 19.738 | VV | 13723     | 456649  | 21.43% | 0.445% |
| 289                     | 19.750 | 19.738 | 19.775 | VV | 13058     | 265625  | 12.47% | 0.259% |
| 290                     | 19.785 | 19.775 | 19.807 | VV | 11940     | 222903  | 10.46% | 0.217% |
| 291                     | 19.822 | 19.807 | 19.833 | VV | 11897     | 179611  | 8.43%  | 0.175% |
| 292                     | 19.851 | 19.833 | 19.868 | VV | 12040     | 239576  | 11.24% | 0.233% |
| 293                     | 19.890 | 19.868 | 19.912 | VV | 11604     | 288096  | 13.52% | 0.281% |
| 294                     | 19.923 | 19.912 | 19.938 | VV | 11207     | 171204  | 8.04%  | 0.167% |
| 295                     | 19.962 | 19.938 | 19.980 | VV | 11712     | 276099  | 12.96% | 0.269% |
| 296                     | 19.994 | 19.980 | 20.009 | VV | 10891     | 181515  | 8.52%  | 0.177% |
| Sum of corrected areas: |        |        |        |    | 102650428 |         |        |        |

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