

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072220AL\  
 Data File : FD034113.D  
 Signal(s) : FID2B.CH  
 Acq On : 22 Jul 2020 23:59  
 Sample : L3362-04DL 2X  
 Misc :  
 ALS Vial : 67 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 070820.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         | 3.427       | 3.412        | 3.446      | VV       | 286            | 3383         | 0.01%          | 0.000%        |
| 2         | 3.459       | 3.446        | 3.485      | VV       | 440            | 3811         | 0.01%          | 0.000%        |
| 3         | 3.497       | 3.485        | 3.557      | VV       | 544            | 9250         | 0.02%          | 0.000%        |
| 4         | 3.579       | 3.557        | 3.616      | VV       | 1466           | 17419        | 0.04%          | 0.001%        |
| 5         | 3.639       | 3.616        | 3.649      | PV       | 639            | 5931         | 0.01%          | 0.000%        |
| 6         | 3.660       | 3.649        | 3.672      | VV       | 752            | 7408         | 0.02%          | 0.000%        |
| 7         | 3.683       | 3.672        | 3.699      | VV       | 678            | 9043         | 0.02%          | 0.000%        |
| 8         | 3.711       | 3.699        | 3.725      | VV       | 665            | 6748         | 0.02%          | 0.000%        |
| 9         | 3.756       | 3.725        | 3.815      | VV       | 2488           | 39785        | 0.10%          | 0.002%        |
| 10        | 3.831       | 3.815        | 3.849      | PV       | 1157           | 12940        | 0.03%          | 0.001%        |
| 11        | 3.873       | 3.849        | 3.890      | VV       | 771            | 13760        | 0.03%          | 0.001%        |
| 12        | 3.903       | 3.890        | 3.912      | VV       | 413            | 4656         | 0.01%          | 0.000%        |
| 13        | 3.918       | 3.912        | 3.929      | VV       | 433            | 4197         | 0.01%          | 0.000%        |
| 14        | 3.966       | 3.929        | 4.020      | VV       | 5996           | 90540        | 0.23%          | 0.005%        |
| 15        | 4.034       | 4.020        | 4.044      | VV       | 939            | 11515        | 0.03%          | 0.001%        |
| 16        | 4.072       | 4.044        | 4.120      | VV       | 3616           | 73560        | 0.18%          | 0.004%        |
| 17        | 4.135       | 4.120        | 4.196      | VV       | 1795           | 42585        | 0.11%          | 0.002%        |
| 18        | 4.215       | 4.196        | 4.235      | VV       | 1835           | 26802        | 0.07%          | 0.001%        |
| 19        | 4.252       | 4.235        | 4.272      | VV       | 1619           | 25714        | 0.06%          | 0.001%        |
| 20        | 4.287       | 4.272        | 4.351      | VV       | 1243           | 42548        | 0.11%          | 0.002%        |
| 21        | 4.370       | 4.351        | 4.394      | VV       | 864            | 20601        | 0.05%          | 0.001%        |
| 22        | 4.408       | 4.394        | 4.438      | VV       | 1177           | 24632        | 0.06%          | 0.001%        |
| 23        | 4.456       | 4.438        | 4.469      | VV       | 1442           | 22209        | 0.06%          | 0.001%        |
| 24        | 4.477       | 4.469        | 4.494      | VV       | 1230           | 16375        | 0.04%          | 0.001%        |
| 25        | 4.555       | 4.494        | 4.625      | VV       | 3103           | 115759       | 0.29%          | 0.006%        |
| 26        | 4.641       | 4.625        | 4.662      | VV       | 1234           | 22670        | 0.06%          | 0.001%        |
| 27        | 4.673       | 4.662        | 4.701      | VV       | 800            | 15272        | 0.04%          | 0.001%        |
| 28        | 4.738       | 4.701        | 4.766      | VV       | 1275           | 25437        | 0.06%          | 0.001%        |
| 29        | 4.785       | 4.766        | 4.805      | VV       | 958            | 13449        | 0.03%          | 0.001%        |
| 30        | 4.820       | 4.805        | 4.854      | VV       | 830            | 14986        | 0.04%          | 0.001%        |
| 31        | 4.882       | 4.854        | 4.930      | VV       | 1054           | 19438        | 0.05%          | 0.001%        |
| 32        | 4.947       | 4.930        | 4.968      | VV       | 420            | 7184         | 0.02%          | 0.000%        |
| 33        | 4.986       | 4.968        | 5.004      | PV       | 1028           | 11249        | 0.03%          | 0.001%        |
| 34        | 5.016       | 5.004        | 5.031      | VV       | 453            | 5558         | 0.01%          | 0.000%        |
| 35        | 5.066       | 5.031        | 5.081      | VV       | 1496           | 25407        | 0.06%          | 0.001%        |
| 36        | 5.090       | 5.081        | 5.114      | VV       | 922            | 11035        | 0.03%          | 0.001%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.169 | 5.114 | 5.229 | VV | 4240   | 77831  | 0.19% | 0.004% |
| 38 | 5.247 | 5.229 | 5.269 | VV | 662    | 12876  | 0.03% | 0.001% |
| 39 | 5.286 | 5.269 | 5.293 | VV | 532    | 6965   | 0.02% | 0.000% |
| 40 | 5.313 | 5.293 | 5.329 | VV | 1431   | 18221  | 0.05% | 0.001% |
| 41 | 5.338 | 5.329 | 5.377 | VV | 635    | 15793  | 0.04% | 0.001% |
| 42 | 5.392 | 5.377 | 5.406 | VV | 562    | 7906   | 0.02% | 0.000% |
| 43 | 5.434 | 5.406 | 5.475 | VV | 666    | 17595  | 0.04% | 0.001% |
| 44 | 5.494 | 5.475 | 5.525 | VV | 724    | 18195  | 0.05% | 0.001% |
| 45 | 5.538 | 5.525 | 5.553 | VV | 1258   | 17301  | 0.04% | 0.001% |
| 46 | 5.575 | 5.553 | 5.592 | VV | 3091   | 43871  | 0.11% | 0.002% |
| 47 | 5.603 | 5.592 | 5.630 | VV | 2118   | 34277  | 0.09% | 0.002% |
| 48 | 5.654 | 5.630 | 5.708 | VV | 7525   | 161256 | 0.40% | 0.008% |
| 49 | 5.718 | 5.708 | 5.776 | VV | 1673   | 39013  | 0.10% | 0.002% |
| 50 | 5.801 | 5.776 | 5.821 | VV | 856    | 15947  | 0.04% | 0.001% |
| 51 | 5.840 | 5.821 | 5.870 | VV | 1033   | 17051  | 0.04% | 0.001% |
| 52 | 5.908 | 5.870 | 5.933 | VV | 826    | 18844  | 0.05% | 0.001% |
| 53 | 5.944 | 5.933 | 5.964 | VV | 330    | 3885   | 0.01% | 0.000% |
| 54 | 6.021 | 5.964 | 6.036 | PV | 2829   | 42171  | 0.11% | 0.002% |
| 55 | 6.044 | 6.036 | 6.122 | VV | 1641   | 36511  | 0.09% | 0.002% |
| 56 | 6.145 | 6.122 | 6.164 | VV | 992    | 15239  | 0.04% | 0.001% |
| 57 | 6.195 | 6.164 | 6.228 | VV | 1476   | 28893  | 0.07% | 0.001% |
| 58 | 6.243 | 6.228 | 6.273 | VV | 556    | 8946   | 0.02% | 0.000% |
| 59 | 6.289 | 6.273 | 6.305 | VV | 582    | 6031   | 0.02% | 0.000% |
| 60 | 6.319 | 6.305 | 6.347 | VV | 609    | 7955   | 0.02% | 0.000% |
| 61 | 6.402 | 6.347 | 6.418 | VV | 531    | 11196  | 0.03% | 0.001% |
| 62 | 6.436 | 6.418 | 6.458 | VV | 1048   | 12736  | 0.03% | 0.001% |
| 63 | 6.471 | 6.458 | 6.497 | VV | 539    | 6390   | 0.02% | 0.000% |
| 64 | 6.533 | 6.497 | 6.558 | PV | 939    | 14212  | 0.04% | 0.001% |
| 65 | 6.574 | 6.558 | 6.611 | VV | 1747   | 30376  | 0.08% | 0.002% |
| 66 | 6.633 | 6.611 | 6.658 | VV | 1818   | 27510  | 0.07% | 0.001% |
| 67 | 6.673 | 6.658 | 6.695 | VV | 791    | 9690   | 0.02% | 0.000% |
| 68 | 6.742 | 6.695 | 6.756 | PV | 1714   | 32907  | 0.08% | 0.002% |
| 69 | 6.769 | 6.756 | 6.780 | VV | 1445   | 18836  | 0.05% | 0.001% |
| 70 | 6.796 | 6.780 | 6.823 | VV | 1728   | 35682  | 0.09% | 0.002% |
| 71 | 6.846 | 6.823 | 6.865 | VV | 2494   | 42539  | 0.11% | 0.002% |
| 72 | 6.879 | 6.865 | 6.895 | VV | 2075   | 31026  | 0.08% | 0.002% |
| 73 | 6.909 | 6.895 | 6.919 | VV | 2034   | 25107  | 0.06% | 0.001% |
| 74 | 6.960 | 6.919 | 6.988 | VV | 10995  | 229949 | 0.58% | 0.012% |
| 75 | 7.008 | 6.988 | 7.060 | VV | 8866   | 248270 | 0.62% | 0.012% |
| 76 | 7.083 | 7.060 | 7.110 | VV | 4277   | 104940 | 0.26% | 0.005% |
| 77 | 7.136 | 7.110 | 7.175 | VV | 9446   | 189323 | 0.47% | 0.009% |
| 78 | 7.189 | 7.175 | 7.221 | VV | 3932   | 92667  | 0.23% | 0.005% |
| 79 | 7.233 | 7.221 | 7.245 | VV | 2384   | 27546  | 0.07% | 0.001% |
| 80 | 7.281 | 7.245 | 7.294 | VV | 4579   | 96020  | 0.24% | 0.005% |
| 81 | 7.306 | 7.294 | 7.335 | VV | 4476   | 90359  | 0.23% | 0.005% |
| 82 | 7.391 | 7.335 | 7.400 | VV | 4384   | 144895 | 0.36% | 0.007% |
| 83 | 7.415 | 7.400 | 7.429 | VV | 5450   | 78987  | 0.20% | 0.004% |
| 84 | 7.446 | 7.429 | 7.457 | VV | 5540   | 85224  | 0.21% | 0.004% |
| 85 | 7.475 | 7.457 | 7.503 | VV | 6944   | 169310 | 0.42% | 0.008% |
| 86 | 7.529 | 7.503 | 7.539 | VV | 6790   | 132034 | 0.33% | 0.007% |
| 87 | 7.556 | 7.539 | 7.608 | VV | 8026   | 283700 | 0.71% | 0.014% |
| 88 | 7.658 | 7.608 | 7.668 | VV | 9553   | 246353 | 0.62% | 0.012% |
| 89 | 7.746 | 7.735 | 7.763 | VV | 10568  | 167967 | 0.42% | 0.008% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 90     | 7.784  | 7.763  | 7.800  | VV | 12787  | 238277  | 0.60%  | 0.012% |
| 91     | 7.822  | 7.800  | 7.850  | VV | 18717  | 458200  | 1.15%  | 0.023% |
| 92     | 7.878  | 7.850  | 7.905  | VV | 15190  | 448825  | 1.12%  | 0.022% |
| 93     | 7.971  | 7.905  | 7.986  | VV | 19340  | 755317  | 1.89%  | 0.038% |
| 94     | 8.010  | 7.986  | 8.057  | VV | 41084  | 1029201 | 2.58%  | 0.052% |
| 95     | 8.079  | 8.057  | 8.098  | VV | 27605  | 546790  | 1.37%  | 0.027% |
| 96     | 8.115  | 8.098  | 8.128  | VV | 24320  | 402666  | 1.01%  | 0.020% |
| 97     | 8.153  | 8.128  | 8.178  | VV | 35280  | 842544  | 2.11%  | 0.042% |
| 98     | 8.197  | 8.178  | 8.209  | VV | 29531  | 505745  | 1.27%  | 0.025% |
| 99     | 8.282  | 8.209  | 8.303  | VV | 34215  | 1698793 | 4.25%  | 0.085% |
| 100    | 8.323  | 8.303  | 8.337  | VV | 36984  | 673141  | 1.69%  | 0.034% |
| 101    | 8.352  | 8.337  | 8.364  | VV | 35690  | 558580  | 1.40%  | 0.028% |
| 102    | 8.432  | 8.364  | 8.474  | VV | 88767  | 3134262 | 7.85%  | 0.157% |
| 103    | 8.486  | 8.474  | 8.494  | VV | 39862  | 473738  | 1.19%  | 0.024% |
| 104    | 8.532  | 8.494  | 8.549  | VV | 60816  | 1646542 | 4.12%  | 0.082% |
| 105    | 8.627  | 8.596  | 8.640  | VV | 65999  | 1448885 | 3.63%  | 0.073% |
| 106    | 8.661  | 8.640  | 8.683  | VV | 88090  | 1790787 | 4.48%  | 0.090% |
| 107    | 8.697  | 8.683  | 8.707  | VV | 63784  | 884457  | 2.21%  | 0.044% |
| 108    | 8.728  | 8.707  | 8.749  | VV | 142990 | 2359495 | 5.91%  | 0.118% |
| 109    | 8.766  | 8.749  | 8.775  | VV | 87602  | 1194703 | 2.99%  | 0.060% |
| 110    | 8.792  | 8.775  | 8.818  | VV | 132122 | 2449860 | 6.13%  | 0.123% |
| 111    | 8.835  | 8.818  | 8.856  | VV | 66337  | 1455883 | 3.65%  | 0.073% |
| 112    | 8.896  | 8.856  | 8.910  | VV | 86933  | 2466383 | 6.18%  | 0.123% |
| 113    | 8.925  | 8.910  | 8.936  | VV | 86188  | 1289485 | 3.23%  | 0.065% |
| 114    | 8.946  | 8.936  | 8.979  | VV | 84531  | 2082037 | 5.21%  | 0.104% |
| 115    | 9.013  | 8.979  | 9.043  | VV | 110205 | 3454083 | 8.65%  | 0.173% |
| 116    | 9.077  | 9.043  | 9.093  | VV | 86532  | 2534946 | 6.35%  | 0.127% |
| 117    | 9.108  | 9.093  | 9.117  | VV | 85135  | 1157509 | 2.90%  | 0.058% |
| 118    | 9.133  | 9.117  | 9.141  | VV | 90333  | 1259654 | 3.15%  | 0.063% |
| 119    | 9.175  | 9.141  | 9.206  | VV | 106180 | 3755287 | 9.40%  | 0.188% |
| 120    | 9.245  | 9.206  | 9.256  | VV | 96807  | 2804240 | 7.02%  | 0.140% |
| 121    | 9.301  | 9.256  | 9.321  | VV | 119433 | 4141961 | 10.37% | 0.207% |
| 122    | 9.337  | 9.321  | 9.352  | VV | 111185 | 2017278 | 5.05%  | 0.101% |
| 123    | 9.403  | 9.352  | 9.432  | VV | 146204 | 5925910 | 14.84% | 0.297% |
| 124    | 9.482  | 9.432  | 9.513  | VV | 222770 | 7441059 | 18.63% | 0.372% |
| 125    | 9.562  | 9.513  | 9.582  | VV | 163198 | 5880171 | 14.72% | 0.294% |
| 126    | 9.595  | 9.582  | 9.604  | VV | 141875 | 1772438 | 4.44%  | 0.089% |
| 127    | 9.622  | 9.604  | 9.667  | VV | 160593 | 5615164 | 14.06% | 0.281% |
| 128    | 9.684  | 9.667  | 9.699  | VV | 151185 | 2848792 | 7.13%  | 0.143% |
| 129    | 9.712  | 9.699  | 9.721  | VV | 147673 | 1857245 | 4.65%  | 0.093% |
| 130    | 9.771  | 9.721  | 9.785  | VV | 158932 | 5942201 | 14.88% | 0.297% |
| 131    | 9.836  | 9.785  | 9.852  | VV | 167786 | 6472183 | 16.21% | 0.324% |
| 132    | 9.877  | 9.852  | 9.898  | VV | 174111 | 4589489 | 11.49% | 0.230% |
| 133    | 9.917  | 9.898  | 9.933  | VV | 176362 | 3563722 | 8.92%  | 0.178% |
| 134    | 9.968  | 9.933  | 9.985  | VV | 186674 | 5719027 | 14.32% | 0.286% |
| 135    | 9.995  | 9.985  | 10.011 | VV | 187109 | 2856784 | 7.15%  | 0.143% |
| 136    | 10.036 | 10.011 | 10.046 | VV | 196740 | 3900558 | 9.77%  | 0.195% |
| 137    | 10.065 | 10.046 | 10.079 | VV | 202830 | 3844970 | 9.63%  | 0.192% |
| 138    | 10.109 | 10.079 | 10.120 | VV | 202700 | 5000993 | 12.52% | 0.250% |
| 139    | 10.141 | 10.120 | 10.158 | VV | 210192 | 4592973 | 11.50% | 0.230% |
| 140    | 10.181 | 10.158 | 10.193 | VV | 218319 | 4401287 | 11.02% | 0.220% |
| 141    | 10.215 | 10.193 | 10.225 | VV | 223128 | 4194655 | 10.50% | 0.210% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 142    | 10.257 | 10.225 | 10.276 | VV | 257796 | 7246914  | 18.15% | 0.363% |
| 143    | 10.292 | 10.276 | 10.304 | VV | 247685 | 4114431  | 10.30% | 0.206% |
| 144    | 10.345 | 10.304 | 10.366 | VV | 256567 | 9137329  | 22.88% | 0.457% |
| 145    | 10.380 | 10.366 | 10.392 | VV | 257805 | 3894440  | 9.75%  | 0.195% |
| 146    | 10.406 | 10.392 | 10.427 | VV | 275276 | 5490201  | 13.75% | 0.275% |
| 147    | 10.536 | 10.427 | 10.555 | VV | 277564 | 20316114 | 50.87% | 1.017% |
| 148    | 10.608 | 10.555 | 10.618 | VV | 296011 | 10733983 | 26.88% | 0.537% |
| 149    | 10.678 | 10.618 | 10.699 | VV | 348774 | 15143985 | 37.92% | 0.758% |
| 150    | 10.734 | 10.699 | 10.758 | VV | 323881 | 11047685 | 27.66% | 0.553% |
| 151    | 10.808 | 10.758 | 10.828 | VV | 328479 | 13312193 | 33.33% | 0.666% |
| 152    | 10.849 | 10.828 | 10.868 | VV | 350239 | 8142390  | 20.39% | 0.407% |
| 153    | 10.882 | 10.868 | 10.906 | VV | 346125 | 7622751  | 19.09% | 0.381% |
| 154    | 10.933 | 10.906 | 10.952 | VV | 357760 | 9583609  | 24.00% | 0.480% |
| 155    | 10.989 | 10.952 | 11.011 | VV | 366546 | 12755584 | 31.94% | 0.638% |
| 156    | 11.030 | 11.011 | 11.057 | VV | 373459 | 10018502 | 25.09% | 0.501% |
| 157    | 11.094 | 11.057 | 11.109 | VV | 396783 | 11853618 | 29.68% | 0.593% |
| 158    | 11.160 | 11.109 | 11.178 | VV | 408933 | 16509011 | 41.34% | 0.826% |
| 159    | 11.192 | 11.178 | 11.225 | VV | 408207 | 11165256 | 27.96% | 0.559% |
| 160    | 11.283 | 11.225 | 11.308 | VV | 428929 | 20666680 | 51.75% | 1.034% |
| 161    | 11.331 | 11.308 | 11.359 | VV | 419518 | 12688887 | 31.77% | 0.635% |
| 162    | 11.394 | 11.359 | 11.445 | VV | 484160 | 22741702 | 56.94% | 1.138% |
| 163    | 11.464 | 11.445 | 11.478 | VV | 436515 | 8497851  | 21.28% | 0.425% |
| 164    | 11.498 | 11.478 | 11.507 | VV | 446850 | 7797340  | 19.52% | 0.390% |
| 165    | 11.553 | 11.507 | 11.564 | VV | 456334 | 15279061 | 38.26% | 0.765% |
| 166    | 11.625 | 11.564 | 11.662 | VV | 694776 | 29826556 | 74.68% | 1.493% |
| 167    | 11.684 | 11.662 | 11.703 | VV | 524771 | 12331228 | 30.88% | 0.617% |
| 168    | 11.719 | 11.703 | 11.742 | VV | 511682 | 11582027 | 29.00% | 0.580% |
| 169    | 11.776 | 11.742 | 11.792 | VV | 531802 | 15326992 | 38.38% | 0.767% |
| 170    | 11.817 | 11.792 | 11.839 | VV | 543595 | 14973831 | 37.49% | 0.749% |
| 171    | 11.859 | 11.839 | 11.875 | VV | 531456 | 11305280 | 28.31% | 0.566% |
| 172    | 11.886 | 11.875 | 11.909 | VV | 526157 | 10468044 | 26.21% | 0.524% |
| 173    | 11.934 | 11.909 | 11.952 | VV | 572039 | 14035994 | 35.14% | 0.702% |
| 174    | 11.961 | 11.952 | 11.969 | VV | 560564 | 5869000  | 14.70% | 0.294% |
| 175    | 11.974 | 11.969 | 12.022 | VV | 555553 | 17122553 | 42.87% | 0.857% |
| 176    | 12.051 | 12.022 | 12.070 | VV | 549787 | 15384583 | 38.52% | 0.770% |
| 177    | 12.093 | 12.070 | 12.118 | VV | 582355 | 16342801 | 40.92% | 0.818% |
| 178    | 12.127 | 12.118 | 12.168 | VV | 580644 | 16777856 | 42.01% | 0.840% |
| 179    | 12.243 | 12.168 | 12.271 | VV | 669495 | 36566872 | 91.56% | 1.830% |
| 180    | 12.293 | 12.271 | 12.335 | VV | 640485 | 23034638 | 57.68% | 1.153% |
| 181    | 12.353 | 12.335 | 12.364 | VV | 604355 | 10231131 | 25.62% | 0.512% |
| 182    | 12.385 | 12.364 | 12.400 | VV | 624957 | 13190712 | 33.03% | 0.660% |
| 183    | 12.408 | 12.400 | 12.430 | VV | 615084 | 10747448 | 26.91% | 0.538% |
| 184    | 12.474 | 12.430 | 12.510 | VV | 610984 | 28202910 | 70.62% | 1.411% |
| 185    | 12.575 | 12.510 | 12.620 | VV | 606866 | 39335244 | 98.49% | 1.969% |
| 186    | 12.643 | 12.620 | 12.662 | VV | 623724 | 14974433 | 37.49% | 0.749% |
| 187    | 12.673 | 12.662 | 12.705 | VV | 624463 | 15872801 | 39.74% | 0.794% |
| 188    | 12.734 | 12.705 | 12.746 | VV | 638473 | 15203311 | 38.07% | 0.761% |
| 189    | 12.753 | 12.746 | 12.765 | VV | 629255 | 6934259  | 17.36% | 0.347% |
| 190    | 12.776 | 12.765 | 12.814 | VV | 625105 | 17774115 | 44.50% | 0.890% |
| 191    | 12.835 | 12.814 | 12.858 | VV | 612796 | 16166203 | 40.48% | 0.809% |
| 192    | 12.893 | 12.858 | 12.928 | VV | 620776 | 25445844 | 63.71% | 1.273% |
| 193    | 12.940 | 12.928 | 12.962 | VV | 618519 | 12165981 | 30.46% | 0.609% |
| 194    | 12.979 | 12.962 | 13.005 | VV | 609190 | 15725082 | 39.37% | 0.787% |

| rteres |        |        |        |    |        |          |         |        |
|--------|--------|--------|--------|----|--------|----------|---------|--------|
| 195    | 13.063 | 13.005 | 13.099 | VV | 748141 | 35900668 | 89.89%  | 1.797% |
| 196    | 13.142 | 13.099 | 13.155 | VV | 616973 | 20455107 | 51.22%  | 1.024% |
| 197    | 13.172 | 13.155 | 13.202 | VV | 637940 | 17411959 | 43.60%  | 0.871% |
| 198    | 13.208 | 13.202 | 13.223 | VV | 620717 | 7729325  | 19.35%  | 0.387% |
| 199    | 13.240 | 13.223 | 13.252 | VV | 624864 | 11041852 | 27.65%  | 0.553% |
| 200    | 13.282 | 13.252 | 13.299 | VV | 642208 | 17312734 | 43.35%  | 0.866% |
| 201    | 13.318 | 13.299 | 13.333 | VV | 646864 | 13046381 | 32.67%  | 0.653% |
| 202    | 13.342 | 13.333 | 13.361 | VV | 618392 | 10251641 | 25.67%  | 0.513% |
| 203    | 13.375 | 13.361 | 13.385 | VV | 620785 | 8786239  | 22.00%  | 0.440% |
| 204    | 13.401 | 13.385 | 13.428 | VV | 640399 | 16007781 | 40.08%  | 0.801% |
| 205    | 13.474 | 13.428 | 13.512 | VV | 641397 | 31509802 | 78.90%  | 1.577% |
| 206    | 13.533 | 13.512 | 13.590 | VV | 633097 | 29097567 | 72.86%  | 1.456% |
| 207    | 13.615 | 13.590 | 13.632 | VV | 613913 | 15086431 | 37.77%  | 0.755% |
| 208    | 13.647 | 13.632 | 13.691 | VV | 620706 | 21688033 | 54.30%  | 1.085% |
| 209    | 13.701 | 13.691 | 13.729 | VV | 611914 | 13881633 | 34.76%  | 0.695% |
| 210    | 13.738 | 13.729 | 13.757 | VV | 606941 | 10267407 | 25.71%  | 0.514% |
| 211    | 13.822 | 13.757 | 13.836 | VV | 614808 | 28674872 | 71.80%  | 1.435% |
| 212    | 13.851 | 13.836 | 13.860 | VV | 605937 | 8638380  | 21.63%  | 0.432% |
| 213    | 13.872 | 13.860 | 13.892 | VV | 616779 | 11448418 | 28.67%  | 0.573% |
| 214    | 13.909 | 13.892 | 13.925 | VV | 601914 | 11665853 | 29.21%  | 0.584% |
| 215    | 13.966 | 13.925 | 14.008 | VV | 602886 | 29269117 | 73.29%  | 1.465% |
| 216    | 14.041 | 14.008 | 14.065 | VV | 613856 | 20264710 | 50.74%  | 1.014% |
| 217    | 14.098 | 14.065 | 14.126 | VV | 582348 | 20983170 | 52.54%  | 1.050% |
| 218    | 14.142 | 14.126 | 14.160 | VV | 569665 | 11671241 | 29.22%  | 0.584% |
| 219    | 14.177 | 14.160 | 14.190 | VV | 571672 | 9968973  | 24.96%  | 0.499% |
| 220    | 14.204 | 14.190 | 14.233 | VV | 563413 | 14247682 | 35.67%  | 0.713% |
| 221    | 14.247 | 14.233 | 14.262 | VV | 555491 | 9567984  | 23.96%  | 0.479% |
| 222    | 14.281 | 14.262 | 14.312 | VV | 563251 | 16434980 | 41.15%  | 0.823% |
| 223    | 14.327 | 14.312 | 14.375 | VV | 554914 | 20514692 | 51.37%  | 1.027% |
| 224    | 14.381 | 14.375 | 14.392 | VV | 528047 | 5280926  | 13.22%  | 0.264% |
| 225    | 14.405 | 14.392 | 14.418 | VV | 535032 | 8499496  | 21.28%  | 0.425% |
| 226    | 14.444 | 14.418 | 14.458 | VV | 535114 | 12680840 | 31.75%  | 0.635% |
| 227    | 14.483 | 14.458 | 14.589 | VV | 529075 | 39937827 | 100.00% | 1.999% |
| 228    | 14.604 | 14.589 | 14.615 | VV | 498070 | 7709949  | 19.30%  | 0.386% |
| 229    | 14.635 | 14.615 | 14.691 | VV | 516100 | 22559410 | 56.49%  | 1.129% |
| 230    | 14.698 | 14.691 | 14.704 | VV | 474662 | 3738754  | 9.36%   | 0.187% |
| 231    | 14.715 | 14.704 | 14.764 | VV | 483271 | 16692538 | 41.80%  | 0.835% |
| 232    | 14.772 | 14.764 | 14.798 | VV | 467944 | 9622277  | 24.09%  | 0.482% |
| 233    | 14.806 | 14.798 | 14.827 | VV | 463820 | 7944629  | 19.89%  | 0.398% |
| 234    | 14.845 | 14.827 | 14.883 | VV | 454212 | 14953225 | 37.44%  | 0.748% |
| 235    | 14.909 | 14.883 | 14.923 | VV | 446263 | 10451579 | 26.17%  | 0.523% |
| 236    | 14.939 | 14.923 | 14.953 | VV | 445277 | 7756106  | 19.42%  | 0.388% |
| 237    | 14.960 | 14.953 | 15.023 | VV | 432856 | 17654537 | 44.21%  | 0.884% |
| 238    | 15.047 | 15.023 | 15.075 | VV | 422502 | 12824686 | 32.11%  | 0.642% |
| 239    | 15.085 | 15.075 | 15.108 | VV | 396649 | 7864257  | 19.69%  | 0.394% |
| 240    | 15.119 | 15.108 | 15.137 | VV | 395088 | 6755595  | 16.92%  | 0.338% |
| 241    | 15.152 | 15.137 | 15.224 | VV | 392771 | 19775449 | 49.52%  | 0.990% |
| 242    | 15.237 | 15.224 | 15.265 | VV | 371439 | 8895636  | 22.27%  | 0.445% |
| 243    | 15.275 | 15.265 | 15.325 | VV | 363752 | 12786715 | 32.02%  | 0.640% |
| 244    | 15.342 | 15.325 | 15.383 | VV | 356021 | 12060850 | 30.20%  | 0.604% |
| 245    | 15.412 | 15.383 | 15.435 | VV | 357646 | 10846407 | 27.16%  | 0.543% |
| 246    | 15.441 | 15.435 | 15.480 | VV | 342154 | 8865906  | 22.20%  | 0.444% |

| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 247    | 15.484 | 15.480 | 15.495 | VV | 326456 | 2953293  | 7.39%  | 0.148% |
| 248    | 15.510 | 15.495 | 15.538 | VV | 319915 | 8160872  | 20.43% | 0.408% |
| 249    | 15.566 | 15.538 | 15.606 | VV | 313898 | 12417824 | 31.09% | 0.621% |
| 250    | 15.614 | 15.606 | 15.627 | VV | 298857 | 3863303  | 9.67%  | 0.193% |
| 251    | 15.649 | 15.627 | 15.668 | VV | 306379 | 7359431  | 18.43% | 0.368% |
| 252    | 15.688 | 15.668 | 15.710 | VV | 300520 | 7389019  | 18.50% | 0.370% |
| 253    | 15.733 | 15.710 | 15.796 | VV | 293916 | 14538771 | 36.40% | 0.728% |
| 254    | 15.816 | 15.796 | 15.836 | VV | 276918 | 6502206  | 16.28% | 0.325% |
| 255    | 15.843 | 15.836 | 15.856 | VV | 264332 | 3103851  | 7.77%  | 0.155% |
| 256    | 15.874 | 15.856 | 15.899 | VV | 264902 | 6723520  | 16.83% | 0.336% |
| 257    | 15.911 | 15.899 | 15.936 | VV | 258918 | 5661122  | 14.17% | 0.283% |
| 258    | 15.951 | 15.936 | 16.003 | VV | 257713 | 9812750  | 24.57% | 0.491% |
| 259    | 16.017 | 16.003 | 16.047 | VV | 239248 | 6247224  | 15.64% | 0.313% |
| 260    | 16.061 | 16.047 | 16.085 | VV | 234643 | 5346152  | 13.39% | 0.268% |
| 261    | 16.129 | 16.085 | 16.185 | VV | 242738 | 13616105 | 34.09% | 0.681% |
| 262    | 16.221 | 16.185 | 16.249 | VV | 220932 | 8174625  | 20.47% | 0.409% |
| 263    | 16.284 | 16.249 | 16.302 | VV | 216056 | 6616777  | 16.57% | 0.331% |
| 264    | 16.310 | 16.302 | 16.342 | VV | 204631 | 4783926  | 11.98% | 0.239% |
| 265    | 16.398 | 16.342 | 16.458 | VV | 197325 | 13150369 | 32.93% | 0.658% |
| 266    | 16.481 | 16.458 | 16.496 | VV | 179067 | 4031648  | 10.09% | 0.202% |
| 267    | 16.528 | 16.496 | 16.539 | VV | 180340 | 4573589  | 11.45% | 0.229% |
| 268    | 16.548 | 16.539 | 16.604 | VV | 178602 | 6656302  | 16.67% | 0.333% |
| 269    | 16.620 | 16.604 | 16.646 | VV | 167134 | 4100483  | 10.27% | 0.205% |
| 270    | 16.666 | 16.646 | 16.708 | VV | 163966 | 5975757  | 14.96% | 0.299% |
| 271    | 16.721 | 16.708 | 16.756 | VV | 157719 | 4405050  | 11.03% | 0.220% |
| 272    | 16.764 | 16.756 | 16.807 | VV | 151026 | 4521966  | 11.32% | 0.226% |
| 273    | 16.821 | 16.807 | 16.832 | VV | 143485 | 2056286  | 5.15%  | 0.103% |
| 274    | 16.858 | 16.832 | 16.877 | VV | 149504 | 3947064  | 9.88%  | 0.198% |
| 275    | 16.893 | 16.877 | 16.974 | VV | 151174 | 7998515  | 20.03% | 0.400% |
| 276    | 16.988 | 16.974 | 17.030 | VV | 133430 | 4205991  | 10.53% | 0.210% |
| 277    | 17.056 | 17.030 | 17.077 | VV | 126468 | 3475581  | 8.70%  | 0.174% |
| 278    | 17.110 | 17.077 | 17.159 | VV | 133579 | 6004843  | 15.04% | 0.301% |
| 279    | 17.195 | 17.159 | 17.230 | VV | 115924 | 4776898  | 11.96% | 0.239% |
| 280    | 17.252 | 17.230 | 17.269 | VV | 108763 | 2483519  | 6.22%  | 0.124% |
| 281    | 17.286 | 17.269 | 17.328 | VV | 112210 | 3724279  | 9.33%  | 0.186% |
| 282    | 17.337 | 17.328 | 17.405 | VV | 99220  | 4373134  | 10.95% | 0.219% |
| 283    | 17.429 | 17.405 | 17.465 | VV | 103060 | 3419409  | 8.56%  | 0.171% |
| 284    | 17.482 | 17.465 | 17.502 | VV | 86812  | 1850298  | 4.63%  | 0.093% |
| 285    | 17.517 | 17.502 | 17.585 | VV | 85914  | 4057246  | 10.16% | 0.203% |
| 286    | 17.604 | 17.585 | 17.627 | VV | 81466  | 1917322  | 4.80%  | 0.096% |
| 287    | 17.645 | 17.627 | 17.677 | VV | 79651  | 2303040  | 5.77%  | 0.115% |
| 288    | 17.692 | 17.677 | 17.701 | VV | 74004  | 1055098  | 2.64%  | 0.053% |
| 289    | 17.736 | 17.701 | 17.773 | VV | 77773  | 3142486  | 7.87%  | 0.157% |
| 290    | 17.799 | 17.773 | 17.816 | VV | 72196  | 1784167  | 4.47%  | 0.089% |
| 291    | 17.824 | 17.816 | 17.847 | VV | 68651  | 1231853  | 3.08%  | 0.062% |
| 292    | 17.860 | 17.847 | 17.871 | VV | 65221  | 937318   | 2.35%  | 0.047% |
| 293    | 17.894 | 17.871 | 17.911 | VV | 73276  | 1663016  | 4.16%  | 0.083% |
| 294    | 17.920 | 17.911 | 17.979 | VV | 68590  | 2455202  | 6.15%  | 0.123% |
| 295    | 17.992 | 17.979 | 18.005 | VV | 57098  | 877450   | 2.20%  | 0.044% |
| 296    | 18.008 | 18.005 | 18.056 | VV | 56406  | 1662348  | 4.16%  | 0.083% |
| 297    | 18.094 | 18.056 | 18.109 | VV | 56281  | 1730694  | 4.33%  | 0.087% |
| 298    | 18.118 | 18.109 | 18.137 | VV | 55264  | 867614   | 2.17%  | 0.043% |
| 299    | 18.154 | 18.137 | 18.183 | VV | 52554  | 1359077  | 3.40%  | 0.068% |

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 300 | 18.192 | 18.183 | 18.197 | VV | 45532  | 407622  | 1.02% | 0.020% |
| 301 | 18.259 | 18.197 | 18.315 | VV | 56969  | 3330782 | 8.34% | 0.167% |
| 302 | 18.323 | 18.315 | 18.352 | VV | 41237  | 877200  | 2.20% | 0.044% |
| 303 | 18.372 | 18.352 | 18.392 | VV | 41964  | 949688  | 2.38% | 0.048% |
| 304 | 18.414 | 18.392 | 18.435 | VV | 39923  | 1007490 | 2.52% | 0.050% |
| 305 | 18.449 | 18.435 | 18.478 | VV | 37886  | 969848  | 2.43% | 0.049% |
| 306 | 18.500 | 18.478 | 18.527 | VV | 36203  | 1019939 | 2.55% | 0.051% |
| 307 | 18.558 | 18.527 | 18.610 | VV | 39389  | 1746058 | 4.37% | 0.087% |
| 308 | 18.631 | 18.610 | 18.645 | VV | 32613  | 672309  | 1.68% | 0.034% |
| 309 | 18.671 | 18.645 | 18.700 | VV | 33999  | 1048349 | 2.62% | 0.052% |
| 310 | 18.724 | 18.700 | 18.748 | VV | 32926  | 873021  | 2.19% | 0.044% |
| 311 | 18.769 | 18.748 | 18.796 | VV | 32545  | 856431  | 2.14% | 0.043% |
| 312 | 18.820 | 18.796 | 18.840 | VV | 28674  | 729014  | 1.83% | 0.036% |
| 313 | 18.850 | 18.840 | 18.875 | VV | 27922  | 571978  | 1.43% | 0.029% |
| 314 | 18.893 | 18.875 | 18.925 | VV | 27823  | 795072  | 1.99% | 0.040% |
| 315 | 18.958 | 18.925 | 18.988 | VV | 27962  | 980691  | 2.46% | 0.049% |
| 316 | 19.008 | 18.988 | 19.043 | VV | 26421  | 821774  | 2.06% | 0.041% |
| 317 | 19.068 | 19.043 | 19.108 | VV | 24824  | 939570  | 2.35% | 0.047% |
| 318 | 19.126 | 19.108 | 19.175 | VV | 24085  | 910146  | 2.28% | 0.046% |
| 319 | 19.195 | 19.175 | 19.204 | VV | 21484  | 370279  | 0.93% | 0.019% |
| 320 | 19.212 | 19.204 | 19.228 | VV | 22010  | 305788  | 0.77% | 0.015% |
| 321 | 19.262 | 19.228 | 19.287 | VV | 22404  | 757241  | 1.90% | 0.038% |
| 322 | 19.342 | 19.287 | 19.364 | VV | 25038  | 1025776 | 2.57% | 0.051% |
| 323 | 19.386 | 19.364 | 19.394 | VV | 22545  | 403671  | 1.01% | 0.020% |
| 324 | 19.402 | 19.394 | 19.422 | VV | 22924  | 362423  | 0.91% | 0.018% |
| 325 | 19.444 | 19.422 | 19.484 | VV | 21882  | 764571  | 1.91% | 0.038% |
| 326 | 19.517 | 19.484 | 19.547 | VV | 21418  | 746932  | 1.87% | 0.037% |
| 327 | 19.640 | 19.547 | 19.673 | VV | 23278  | 1631031 | 4.08% | 0.082% |
| 328 | 19.696 | 19.673 | 19.732 | VV | 25177  | 806117  | 2.02% | 0.040% |
| 329 | 19.744 | 19.732 | 19.756 | VV | 20784  | 306615  | 0.77% | 0.015% |
| 330 | 19.766 | 19.756 | 19.823 | VV | 21017  | 794455  | 1.99% | 0.040% |
| 331 | 19.884 | 19.823 | 19.922 | VV | 24096  | 1292425 | 3.24% | 0.065% |
| 332 | 19.954 | 19.922 | 19.978 | VV | 22653  | 746269  | 1.87% | 0.037% |
| 333 | 19.987 | 19.978 | 20.007 | VV | 21953  | 374706  | 0.94% | 0.019% |
| 334 | 20.019 | 20.007 | 20.037 | VV | 21236  | 372816  | 0.93% | 0.019% |
| 335 | 20.080 | 20.037 | 20.101 | VV | 23080  | 854033  | 2.14% | 0.043% |
| 336 | 20.129 | 20.101 | 20.170 | VV | 25706  | 1002340 | 2.51% | 0.050% |
| 337 | 20.197 | 20.170 | 20.224 | VV | 23812  | 746269  | 1.87% | 0.037% |
| 338 | 20.240 | 20.224 | 20.274 | VV | 23439  | 688159  | 1.72% | 0.034% |
| 339 | 20.338 | 20.274 | 20.347 | VV | 24418  | 1009768 | 2.53% | 0.051% |
| 340 | 20.425 | 20.347 | 20.521 | VV | 27379  | 2587136 | 6.48% | 0.129% |
| 341 | 20.615 | 20.521 | 20.663 | VV | 26464  | 2077792 | 5.20% | 0.104% |
| 342 | 20.687 | 20.663 | 20.716 | VV | 25190  | 783901  | 1.96% | 0.039% |
| 343 | 20.726 | 20.716 | 20.782 | VV | 24818  | 921072  | 2.31% | 0.046% |
| 344 | 20.789 | 20.782 | 20.848 | VV | 22101  | 856054  | 2.14% | 0.043% |
| 345 | 20.923 | 20.848 | 21.032 | VV | 23324  | 2402527 | 6.02% | 0.120% |
| 346 | 21.043 | 21.032 | 21.063 | VV | 20187  | 375689  | 0.94% | 0.019% |
| 347 | 21.076 | 21.063 | 21.117 | VV | 19653  | 629241  | 1.58% | 0.031% |
| 348 | 21.139 | 21.117 | 21.188 | VV | 19806  | 793477  | 1.99% | 0.040% |
| 349 | 21.199 | 21.188 | 21.212 | VV | 17612  | 244746  | 0.61% | 0.012% |
| 350 | 21.248 | 21.212 | 21.263 | VV | 18499  | 556387  | 1.39% | 0.028% |
| 351 | 21.293 | 21.263 | 21.400 | VV | 18743  | 1382375 | 3.46% | 0.069% |

|     |        |        |        |     |       |                         |       |            |
|-----|--------|--------|--------|-----|-------|-------------------------|-------|------------|
|     |        |        |        |     |       | rteres                  |       |            |
| 352 | 21.410 | 21.400 | 21.422 | VV  | 14396 | 185062                  | 0.46% | 0.009%     |
| 353 | 21.430 | 21.422 | 21.450 | VV  | 14191 | 239023                  | 0.60% | 0.012%     |
| 354 | 21.473 | 21.450 | 21.490 | VV  | 14050 | 333301                  | 0.83% | 0.017%     |
| 355 | 21.501 | 21.490 | 21.521 | VV  | 13862 | 255575                  | 0.64% | 0.013%     |
| 356 | 21.545 | 21.521 | 21.588 | VV  | 14447 | 559863                  | 1.40% | 0.028%     |
| 357 | 21.630 | 21.588 | 21.637 | VV  | 14498 | 406750                  | 1.02% | 0.020%     |
| 358 | 21.682 | 21.637 | 21.802 | VBA | 15491 | 1409647                 | 3.53% | 0.071%     |
|     |        |        |        |     |       | Sum of corrected areas: |       | 1998133793 |

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