

Instrument :  
FID\_C  
ClientSampleId :  
E-3

rteres

# Area Percent Report

Manual Integrations  
APPROVED

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8/18/2020 3:29:10 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC081720AL\  
Data File : FC049056.D  
Signal(s) : FID1A.CH  
Acq On : 17 Aug 2020 22:43  
Sample : L3696-03  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 080720.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         | 3.399       | 3.352        | 3.409      | BV       | 430            | 4054         | 0.01%          | 0.000%        |
| 2         | 3.425       | 3.409        | 3.444      | VV       | 1509           | 13918        | 0.04%          | 0.001%        |
| 3         | 3.454       | 3.444        | 3.494      | VV       | 483            | 5202         | 0.02%          | 0.000%        |
| 4         | 3.533       | 3.494        | 3.549      | PV       | 1177           | 15084        | 0.04%          | 0.001%        |
| 5         | 3.558       | 3.549        | 3.572      | VV       | 906            | 8728         | 0.03%          | 0.001%        |
| 6         | 3.607       | 3.572        | 3.639      | VV       | 1209           | 25239        | 0.08%          | 0.002%        |
| 7         | 3.650       | 3.639        | 3.660      | VV       | 798            | 6705         | 0.02%          | 0.000%        |
| 8         | 3.684       | 3.660        | 3.709      | VV       | 2673           | 37404        | 0.11%          | 0.002%        |
| 9         | 3.738       | 3.709        | 3.754      | VV       | 1459           | 21332        | 0.06%          | 0.001%        |
| 10        | 3.781       | 3.754        | 3.826      | VV       | 7777           | 117609       | 0.35%          | 0.007%        |
| 11        | 3.855       | 3.826        | 3.891      | VV       | 6536           | 95836        | 0.29%          | 0.006%        |
| 12        | 3.907       | 3.891        | 3.936      | VV       | 2525           | 32523        | 0.10%          | 0.002%        |
| 13        | 3.955       | 3.936        | 3.975      | VV       | 6529           | 56170        | 0.17%          | 0.003%        |
| 14        | 4.001       | 3.975        | 4.047      | VV       | 4609           | 107368       | 0.32%          | 0.007%        |
| 15        | 4.078       | 4.047        | 4.095      | VV       | 7584           | 103723       | 0.31%          | 0.006%        |
| 16        | 4.110       | 4.095        | 4.128      | VV       | 6723           | 79821        | 0.24%          | 0.005%        |
| 17        | 4.145       | 4.128        | 4.159      | VV       | 5183           | 72872        | 0.22%          | 0.005%        |
| 18        | 4.177       | 4.159        | 4.200      | VV       | 10441          | 126877       | 0.38%          | 0.008%        |
| 19        | 4.262       | 4.200        | 4.274      | VV       | 7491           | 143223       | 0.43%          | 0.009%        |
| 20        | 4.288       | 4.274        | 4.314      | VV       | 9981           | 137656       | 0.41%          | 0.009%        |
| 21        | 4.328       | 4.314        | 4.365      | VV       | 5996           | 91261        | 0.27%          | 0.006%        |
| 22        | 4.400       | 4.365        | 4.417      | VV       | 7710           | 109635       | 0.33%          | 0.007%        |
| 23        | 4.441       | 4.417        | 4.460      | VV       | 6240           | 108773       | 0.32%          | 0.007%        |
| 24        | 4.473       | 4.460        | 4.511      | VV       | 5407           | 129601       | 0.39%          | 0.008%        |
| 25        | 4.529       | 4.511        | 4.543      | VV       | 12940          | 130436       | 0.39%          | 0.008%        |
| 26        | 4.556       | 4.543        | 4.578      | VV       | 7576           | 104466       | 0.31%          | 0.006%        |
| 27        | 4.592       | 4.578        | 4.619      | VV       | 5262           | 87120        | 0.26%          | 0.005%        |
| 28        | 4.649       | 4.619        | 4.671      | VV       | 10851          | 224826       | 0.67%          | 0.014%        |
| 29        | 4.687       | 4.671        | 4.700      | VV       | 19161          | 228587       | 0.68%          | 0.014%        |
| 30        | 4.711       | 4.700        | 4.722      | VV       | 14802          | 173142       | 0.52%          | 0.011%        |
| 31        | 4.739       | 4.722        | 4.757      | VV       | 56575          | 576998       | 1.72%          | 0.036%        |
| 32        | 4.771       | 4.757        | 4.780      | VV       | 16496          | 168208       | 0.50%          | 0.010%        |
| 33        | 4.792       | 4.780        | 4.807      | VV       | 18903          | 246286       | 0.73%          | 0.015%        |
| 34        | 4.817       | 4.807        | 4.828      | VV       | 17009          | 181188       | 0.54%          | 0.011%        |
| 35        | 4.840       | 4.828        | 4.849      | VV       | 19252          | 188517       | 0.56%          | 0.012%        |
| 36        | 4.859       | 4.849        | 4.877      | VV       | 20288          | 231644       | 0.69%          | 0.014%        |

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|--------|-------|-------|-------|----|--------|----------|--------|--------|
| 37     | 4.898 | 4.877 | 4.924 | VV | 38436  | 540579   | 1.61%  | 0.034% |
| 38     | 4.963 | 4.924 | 4.985 | VV | 38991  | 645109   | 1.92%  | 0.040% |
| 39     | 5.010 | 4.985 | 5.024 | VV | 16431  | 282352   | 0.84%  | 0.018% |
| 40     | 5.038 | 5.024 | 5.069 | VV | 18346  | 342872   | 1.02%  | 0.021% |
| 41     | 5.097 | 5.069 | 5.109 | VV | 32722  | 404463   | 1.20%  | 0.025% |
| 42     | 5.128 | 5.109 | 5.153 | VV | 41637  | 691645   | 2.06%  | 0.043% |
| 43     | 5.185 | 5.153 | 5.194 | VV | 35119  | 601317   | 1.79%  | 0.037% |
| 44     | 5.209 | 5.194 | 5.250 | VV | 76953  | 1358739  | 4.04%  | 0.085% |
| 45     | 5.260 | 5.250 | 5.275 | VV | 24930  | 282583   | 0.84%  | 0.018% |
| 46     | 5.289 | 5.275 | 5.308 | VV | 14088  | 247671   | 0.74%  | 0.015% |
| 47     | 5.329 | 5.308 | 5.360 | VV | 37487  | 793785   | 2.36%  | 0.049% |
| 48     | 5.404 | 5.360 | 5.435 | VV | 53428  | 1617483  | 4.81%  | 0.101% |
| 49     | 5.451 | 5.435 | 5.467 | VV | 31154  | 489193   | 1.46%  | 0.030% |
| 50     | 5.480 | 5.467 | 5.504 | VV | 31460  | 525521   | 1.56%  | 0.033% |
| 51     | 5.533 | 5.504 | 5.546 | VV | 84238  | 1086253  | 3.23%  | 0.068% |
| 52     | 5.563 | 5.546 | 5.584 | VV | 120159 | 1522389  | 4.53%  | 0.095% |
| 53     | 5.599 | 5.584 | 5.609 | VV | 34076  | 395325   | 1.18%  | 0.025% |
| 54     | 5.619 | 5.609 | 5.636 | VV | 36692  | 439648   | 1.31%  | 0.027% |
| 55     | 5.665 | 5.636 | 5.676 | VV | 34417  | 629939   | 1.87%  | 0.039% |
| 56     | 5.685 | 5.676 | 5.696 | VV | 33184  | 361604   | 1.08%  | 0.022% |
| 57     | 5.718 | 5.696 | 5.757 | VV | 131389 | 2562448  | 7.62%  | 0.159% |
| 58     | 5.777 | 5.757 | 5.791 | VV | 51582  | 856883   | 2.55%  | 0.053% |
| 59     | 5.816 | 5.791 | 5.850 | VV | 208396 | 3427402  | 10.19% | 0.213% |
| 60     | 5.870 | 5.850 | 5.892 | VV | 133332 | 1798065  | 5.35%  | 0.112% |
| 61     | 5.936 | 5.892 | 5.965 | VV | 82990  | 2047003  | 6.09%  | 0.127% |
| 62     | 5.988 | 5.965 | 6.010 | VV | 123361 | 1814523  | 5.40%  | 0.113% |
| 63     | 6.030 | 6.010 | 6.062 | VV | 113572 | 2439234  | 7.26%  | 0.152% |
| 64     | 6.085 | 6.062 | 6.100 | VV | 96913  | 1730208  | 5.15%  | 0.108% |
| 65     | 6.114 | 6.100 | 6.149 | VV | 122485 | 2566185  | 7.63%  | 0.160% |
| 66     | 6.174 | 6.149 | 6.197 | VV | 84353  | 1768869  | 5.26%  | 0.110% |
| 67     | 6.225 | 6.197 | 6.247 | VV | 218125 | 4286094  | 12.75% | 0.267% |
| 68     | 6.264 | 6.247 | 6.287 | VV | 128432 | 2376808  | 7.07%  | 0.148% |
| 69     | 6.302 | 6.287 | 6.319 | VV | 198572 | 2450020  | 7.29%  | 0.152% |
| 70     | 6.354 | 6.319 | 6.375 | VV | 162387 | 4153220  | 12.35% | 0.258% |
| 71     | 6.396 | 6.375 | 6.414 | VV | 110057 | 1954569  | 5.81%  | 0.122% |
| 72     | 6.456 | 6.414 | 6.486 | VV | 227721 | 5312110  | 15.80% | 0.331% |
| 73     | 6.500 | 6.486 | 6.509 | VV | 85935  | 1084986  | 3.23%  | 0.068% |
| 74     | 6.535 | 6.509 | 6.562 | VV | 171414 | 3123237  | 9.29%  | 0.194% |
| 75     | 6.605 | 6.562 | 6.619 | VV | 139694 | 3163054  | 9.41%  | 0.197% |
| 76     | 6.665 | 6.619 | 6.686 | VV | 402831 | 7412451  | 22.05% | 0.461% |
| 77     | 6.716 | 6.686 | 6.755 | VV | 234794 | 5885237  | 17.51% | 0.366% |
| 78     | 6.769 | 6.755 | 6.778 | VV | 130111 | 1557965  | 4.63%  | 0.097% |
| 79     | 6.799 | 6.778 | 6.818 | VV | 257524 | 4029061  | 11.98% | 0.251% |
| 80     | 6.842 | 6.818 | 6.863 | VV | 173834 | 3448906  | 10.26% | 0.215% |
| 81     | 6.874 | 6.863 | 6.885 | VV | 120858 | 1432209  | 4.26%  | 0.089% |
| 82     | 6.924 | 6.885 | 6.944 | VV | 431124 | 7316470  | 21.76% | 0.455% |
| 83     | 6.959 | 6.944 | 6.970 | VV | 145857 | 1928786  | 5.74%  | 0.120% |
| 84     | 6.988 | 6.970 | 7.001 | VV | 150744 | 2434556  | 7.24%  | 0.151% |
| 85     | 7.039 | 7.001 | 7.061 | VV | 283976 | 7168000  | 21.32% | 0.446% |
| 86     | 7.081 | 7.061 | 7.116 | VV | 382270 | 7378821  | 21.95% | 0.459% |
| 87     | 7.155 | 7.116 | 7.203 | VV | 395051 | 10922913 | 32.49% | 0.680% |
| 88     | 7.224 | 7.203 | 7.267 | VV | 556274 | 10677190 | 31.76% | 0.664% |
| 89     | 7.292 | 7.267 | 7.309 | VV | 210779 | 4300653  | 12.79% | 0.268% |

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|--------|-------|-------|-------|----|---------|----------|--------|--------|
| 90     | 7.327 | 7.309 | 7.347 | VV | 211678  | 3644343  | 10.84% | 0.227% |
| 91     | 7.379 | 7.347 | 7.392 | VV | 154671  | 3990382  | 11.87% | 0.248% |
| 92     | 7.433 | 7.392 | 7.475 | VV | 493351  | 13516276 | 40.20% | 0.841% |
| 93     | 7.492 | 7.475 | 7.509 | VV | 346718  | 5235797  | 15.57% | 0.326% |
| 94     | 7.535 | 7.509 | 7.557 | VV | 256706  | 6613713  | 19.67% | 0.411% |
| 95     | 7.566 | 7.557 | 7.592 | VV | 181530  | 3708454  | 11.03% | 0.231% |
| 96     | 7.623 | 7.592 | 7.662 | VV | 482453  | 12709913 | 37.81% | 0.791% |
| 97     | 7.676 | 7.662 | 7.694 | VV | 290248  | 4380256  | 13.03% | 0.273% |
| 98     | 7.722 | 7.694 | 7.734 | VV | 221583  | 4231160  | 12.59% | 0.263% |
| 99     | 7.764 | 7.734 | 7.800 | VV | 865308  | 15329800 | 45.60% | 0.954% |
| 100    | 7.810 | 7.800 | 7.826 | VV | 228486  | 3305122  | 9.83%  | 0.206% |
| 101    | 7.840 | 7.826 | 7.859 | VV | 213609  | 3889668  | 11.57% | 0.242% |
| 102    | 7.888 | 7.859 | 7.913 | VV | 308353  | 8404398  | 25.00% | 0.523% |
| 103    | 7.924 | 7.913 | 7.943 | VV | 278084  | 4450058  | 13.24% | 0.277% |
| 104    | 7.968 | 7.943 | 7.989 | VV | 357879  | 7107343  | 21.14% | 0.442% |
| 105    | 8.019 | 7.989 | 8.035 | VV | 267325  | 6495059  | 19.32% | 0.404% |
| 106    | 8.063 | 8.035 | 8.114 | VV | 588482  | 16708976 | 49.70% | 1.040% |
| 107    | 8.142 | 8.114 | 8.164 | VV | 873363  | 14553840 | 43.29% | 0.905% |
| 108    | 8.174 | 8.164 | 8.187 | VV | 268720  | 3492340  | 10.39% | 0.217% |
| 109    | 8.206 | 8.187 | 8.219 | VV | 258651  | 4651409  | 13.84% | 0.289% |
| 110    | 8.257 | 8.219 | 8.270 | VV | 510489  | 11997606 | 35.69% | 0.746% |
| 111    | 8.283 | 8.270 | 8.299 | VV | 537350  | 7451117  | 22.16% | 0.464% |
| 112    | 8.310 | 8.299 | 8.328 | VV | 377307  | 5690590  | 16.93% | 0.354% |
| 113    | 8.344 | 8.328 | 8.354 | VV | 411535  | 5332257  | 15.86% | 0.332% |
| 114    | 8.366 | 8.354 | 8.385 | VV | 448285  | 7029238  | 20.91% | 0.437% |
| 115    | 8.431 | 8.385 | 8.452 | VV | 486372  | 14619172 | 43.49% | 0.910% |
| 116    | 8.493 | 8.452 | 8.507 | VV | 573748  | 11809033 | 35.13% | 0.735% |
| 117    | 8.516 | 8.507 | 8.529 | VV | 410205  | 4985142  | 14.83% | 0.310% |
| 118    | 8.552 | 8.529 | 8.586 | VV | 525366  | 12823156 | 38.14% | 0.798% |
| 119    | 8.615 | 8.586 | 8.625 | VV | 353748  | 7489201  | 22.28% | 0.466% |
| 120    | 8.642 | 8.625 | 8.662 | VV | 622132  | 9290493  | 27.63% | 0.578% |
| 121    | 8.684 | 8.662 | 8.694 | VV | 345185  | 5850034  | 17.40% | 0.364% |
| 122    | 8.721 | 8.694 | 8.733 | VV | 390013  | 8510642  | 25.32% | 0.530% |
| 123    | 8.743 | 8.733 | 8.757 | VV | 371010  | 4886694  | 14.54% | 0.304% |
| 124    | 8.789 | 8.757 | 8.818 | VV | 535651  | 14713232 | 43.77% | 0.915% |
| 125    | 8.863 | 8.818 | 8.885 | VV | 1089316 | 23367627 | 69.51% | 1.454% |
| 126    | 8.898 | 8.885 | 8.914 | VV | 349639  | 5398147  | 16.06% | 0.336% |
| 127    | 8.939 | 8.914 | 8.955 | VV | 348623  | 7943208  | 23.63% | 0.494% |
| 128    | 8.976 | 8.955 | 8.996 | VV | 714490  | 12312702 | 36.62% | 0.766% |
| 129    | 9.010 | 8.996 | 9.032 | VV | 469321  | 8391075  | 24.96% | 0.522% |
| 130    | 9.047 | 9.032 | 9.062 | VV | 367988  | 6035081  | 17.95% | 0.375% |
| 131    | 9.098 | 9.062 | 9.114 | VV | 479542  | 12272318 | 36.50% | 0.764% |
| 132    | 9.150 | 9.114 | 9.170 | VV | 609282  | 14867942 | 44.23% | 0.925% |
| 133    | 9.192 | 9.170 | 9.214 | VV | 738503  | 13174667 | 39.19% | 0.820% |
| 134    | 9.230 | 9.214 | 9.270 | VV | 424254  | 12245338 | 36.42% | 0.762% |
| 135    | 9.308 | 9.270 | 9.325 | VV | 646553  | 14173410 | 42.16% | 0.882% |
| 136    | 9.339 | 9.325 | 9.365 | VV | 475721  | 9396846  | 27.95% | 0.585% |
| 137    | 9.383 | 9.365 | 9.400 | VV | 420423  | 7712965  | 22.94% | 0.480% |
| 138    | 9.444 | 9.400 | 9.464 | VV | 680313  | 17210091 | 51.19% | 1.071% |
| 139    | 9.476 | 9.464 | 9.499 | VV | 399615  | 7540443  | 22.43% | 0.469% |
| 140    | 9.522 | 9.499 | 9.536 | VV | 460720  | 8546253  | 25.42% | 0.532% |
| 141    | 9.551 | 9.536 | 9.571 | VV | 476158  | 8378593  | 24.92% | 0.521% |

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|--------|--------|--------|--------|----|---------|----------|---------|--------|
| 142    | 9.605  | 9.571  | 9.655  | VV | 777621  | 24407579 | 72.60%  | 1.519% |
| 143    | 9.680  | 9.655  | 9.692  | VV | 483203  | 9168532  | 27.27%  | 0.570% |
| 144    | 9.703  | 9.692  | 9.714  | VV | 497750  | 6268295  | 18.65%  | 0.390% |
| 145    | 9.727  | 9.714  | 9.744  | VV | 525294  | 7991222  | 23.77%  | 0.497% |
| 146    | 9.763  | 9.744  | 9.790  | VV | 419064  | 10599577 | 31.53%  | 0.659% |
| 147    | 9.808  | 9.790  | 9.824  | VV | 378663  | 6919082  | 20.58%  | 0.430% |
| 148    | 9.847  | 9.824  | 9.860  | VV | 469239  | 9053751  | 26.93%  | 0.563% |
| 149    | 9.883  | 9.860  | 9.916  | VV | 551643  | 15874293 | 47.22%  | 0.988% |
| 150    | 9.949  | 9.916  | 9.981  | VV | 489354  | 16979854 | 50.51%  | 1.056% |
| 151    | 10.009 | 9.981  | 10.020 | VV | 403493  | 9098824  | 27.06%  | 0.566% |
| 152    | 10.036 | 10.020 | 10.078 | VV | 426099  | 12876320 | 38.30%  | 0.801% |
| 153    | 10.109 | 10.078 | 10.185 | VV | 490437  | 23675556 | 70.42%  | 1.473% |
| 154    | 10.205 | 10.185 | 10.224 | VV | 388468  | 8000752  | 23.80%  | 0.498% |
| 155    | 10.269 | 10.224 | 10.288 | VV | 487740  | 14579557 | 43.37%  | 0.907% |
| 156    | 10.322 | 10.288 | 10.351 | VV | 1096973 | 23533716 | 70.00%  | 1.464% |
| 157    | 10.382 | 10.351 | 10.395 | VV | 586785  | 12057028 | 35.86%  | 0.750% |
| 158    | 10.406 | 10.395 | 10.432 | VV | 560213  | 10395874 | 30.92%  | 0.647% |
| 159    | 10.455 | 10.432 | 10.495 | VV | 697404  | 17503317 | 52.06%  | 1.089% |
| 160    | 10.525 | 10.495 | 10.534 | VV | 494876  | 9598545  | 28.55%  | 0.597% |
| 161    | 10.544 | 10.534 | 10.570 | VV | 477296  | 9921090  | 29.51%  | 0.617% |
| 162    | 10.593 | 10.570 | 10.617 | VV | 550629  | 13093564 | 38.95%  | 0.815% |
| 163    | 10.663 | 10.617 | 10.680 | VV | 480678  | 16804800 | 49.99%  | 1.046% |
| 164    | 10.695 | 10.680 | 10.712 | VV | 494830  | 8443525  | 25.12%  | 0.525% |
| 165    | 10.748 | 10.712 | 10.774 | VV | 1734243 | 33618596 | 100.00% | 2.092% |
| 166    | 10.789 | 10.774 | 10.824 | VV | 443391  | 12626048 | 37.56%  | 0.786% |
| 167    | 10.834 | 10.824 | 10.857 | VV | 363719  | 6957647  | 20.70%  | 0.433% |
| 168    | 10.881 | 10.857 | 10.904 | VV | 400936  | 10698170 | 31.82%  | 0.666% |
| 169    | 10.932 | 10.904 | 10.979 | VV | 453650  | 18303354 | 54.44%  | 1.139% |
| 170    | 11.006 | 10.979 | 11.040 | VV | 455063  | 14237227 | 42.35%  | 0.886% |
| 171    | 11.063 | 11.040 | 11.092 | VV | 487625  | 12595247 | 37.47%  | 0.784% |
| 172    | 11.108 | 11.092 | 11.125 | VV | 358987  | 6922465  | 20.59%  | 0.431% |
| 173    | 11.147 | 11.125 | 11.170 | VV | 436874  | 10628595 | 31.62%  | 0.661% |
| 174    | 11.195 | 11.170 | 11.214 | VV | 376988  | 9536386  | 28.37%  | 0.593% |
| 175    | 11.242 | 11.214 | 11.262 | VV | 475962  | 11614205 | 34.55%  | 0.723% |
| 176    | 11.288 | 11.262 | 11.312 | VV | 442570  | 12162082 | 36.18%  | 0.757% |
| 177    | 11.329 | 11.312 | 11.349 | VV | 448604  | 9244546  | 27.50%  | 0.575% |
| 178    | 11.365 | 11.349 | 11.388 | VV | 437248  | 9273667  | 27.58%  | 0.577% |
| 179    | 11.411 | 11.388 | 11.436 | VV | 434909  | 11794886 | 35.08%  | 0.734% |
| 180    | 11.467 | 11.436 | 11.507 | VV | 1160381 | 26811417 | 79.75%  | 1.668% |
| 181    | 11.527 | 11.507 | 11.550 | VV | 409377  | 9243848  | 27.50%  | 0.575% |
| 182    | 11.581 | 11.550 | 11.600 | VV | 393207  | 10890345 | 32.39%  | 0.678% |
| 183    | 11.617 | 11.600 | 11.648 | VV | 392323  | 10714866 | 31.87%  | 0.667% |
| 184    | 11.699 | 11.648 | 11.720 | VV | 868312  | 21104199 | 62.78%  | 1.313% |
| 185    | 11.739 | 11.720 | 11.752 | VV | 417003  | 7362177  | 21.90%  | 0.458% |
| 186    | 11.771 | 11.752 | 11.799 | VV | 510569  | 10926464 | 32.50%  | 0.680% |
| 187    | 11.835 | 11.799 | 11.865 | VV | 366620  | 13462435 | 40.04%  | 0.838% |
| 188    | 11.888 | 11.865 | 11.905 | VV | 466402  | 9139375  | 27.19%  | 0.569% |
| 189    | 11.923 | 11.905 | 11.944 | VV | 446645  | 9049318  | 26.92%  | 0.563% |
| 190    | 11.950 | 11.944 | 11.968 | VV | 349877  | 4849055  | 14.42%  | 0.302% |
| 191    | 11.988 | 11.968 | 11.995 | VV | 343589  | 5262122  | 15.65%  | 0.327% |
| 192    | 12.020 | 11.995 | 12.050 | VV | 528936  | 13966312 | 41.54%  | 0.869% |
| 193    | 12.057 | 12.050 | 12.069 | VV | 368225  | 3968200  | 11.80%  | 0.247% |
| 194    | 12.076 | 12.069 | 12.094 | VV | 375710  | 5237145  | 15.58%  | 0.326% |

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| rteres |        |        |        |    |        |          |               |
|--------|--------|--------|--------|----|--------|----------|---------------|
| 195    | 12.112 | 12.094 | 12.126 | VV | 349136 | 6463725  | 19.23% 0.402% |
| 196    | 12.143 | 12.126 | 12.162 | VV | 390025 | 7482546  | 22.26% 0.466% |
| 197    | 12.172 | 12.162 | 12.216 | VV | 321859 | 9565064  | 28.45% 0.595% |
| 198    | 12.238 | 12.216 | 12.252 | VV | 335499 | 6623217  | 19.70% 0.412% |
| 199    | 12.272 | 12.252 | 12.323 | VV | 352337 | 13222093 | 39.33% 0.823% |
| 200    | 12.350 | 12.323 | 12.372 | VV | 312942 | 8335299  | 24.79% 0.519% |
| 201    | 12.385 | 12.372 | 12.397 | VV | 277267 | 4069613  | 12.11% 0.253% |
| 202    | 12.416 | 12.397 | 12.441 | VV | 314152 | 7695479  | 22.89% 0.479% |
| 203    | 12.456 | 12.441 | 12.469 | VV | 308963 | 5033185  | 14.97% 0.313% |
| 204    | 12.476 | 12.469 | 12.497 | VV | 306058 | 4805734  | 14.29% 0.299% |
| 205    | 12.531 | 12.497 | 12.575 | VV | 366475 | 14210800 | 42.27% 0.884% |
| 206    | 12.601 | 12.575 | 12.618 | VV | 325731 | 7513117  | 22.35% 0.467% |
| 207    | 12.640 | 12.618 | 12.659 | VV | 457336 | 8802126  | 26.18% 0.548% |
| 208    | 12.675 | 12.659 | 12.691 | VV | 369462 | 6457856  | 19.21% 0.402% |
| 209    | 12.705 | 12.691 | 12.726 | VV | 355582 | 6435766  | 19.14% 0.400% |
| 210    | 12.753 | 12.726 | 12.794 | VV | 350858 | 11798570 | 35.10% 0.734% |
| 211    | 12.818 | 12.794 | 12.839 | VV | 251073 | 6519176  | 19.39% 0.406% |
| 212    | 12.878 | 12.839 | 12.921 | VV | 269250 | 11638725 | 34.62% 0.724% |
| 213    | 12.955 | 12.921 | 12.984 | VV | 244236 | 8658180  | 25.75% 0.539% |
| 214    | 13.001 | 12.984 | 13.023 | VV | 227069 | 4952466  | 14.73% 0.308% |
| 215    | 13.051 | 13.023 | 13.079 | VV | 271689 | 7687494  | 22.87% 0.478% |
| 216    | 13.124 | 13.079 | 13.153 | VV | 619100 | 14100071 | 41.94% 0.877% |
| 217    | 13.175 | 13.153 | 13.207 | VV | 279150 | 7918375  | 23.55% 0.493% |
| 218    | 13.221 | 13.207 | 13.244 | VV | 221815 | 4644413  | 13.82% 0.289% |
| 219    | 13.254 | 13.244 | 13.278 | VV | 196868 | 3853382  | 11.46% 0.240% |
| 220    | 13.334 | 13.278 | 13.360 | VV | 253397 | 10281172 | 30.58% 0.640% |
| 221    | 13.382 | 13.360 | 13.427 | VV | 263113 | 8069403  | 24.00% 0.502% |
| 222    | 13.446 | 13.427 | 13.460 | VV | 198661 | 3509108  | 10.44% 0.218% |
| 223    | 13.474 | 13.460 | 13.492 | VV | 189423 | 3578253  | 10.64% 0.223% |
| 224    | 13.513 | 13.492 | 13.535 | VV | 199016 | 4703515  | 13.99% 0.293% |
| 225    | 13.555 | 13.535 | 13.617 | VV | 182563 | 8175169  | 24.32% 0.509% |
| 226    | 13.634 | 13.617 | 13.660 | VV | 169984 | 4063489  | 12.09% 0.253% |
| 227    | 13.676 | 13.660 | 13.692 | VV | 151049 | 2753347  | 8.19% 0.171%  |
| 228    | 13.706 | 13.692 | 13.722 | VV | 154475 | 2709953  | 8.06% 0.169%  |
| 229    | 13.741 | 13.722 | 13.760 | VV | 149062 | 3340134  | 9.94% 0.208%  |
| 230    | 13.784 | 13.760 | 13.810 | VV | 169608 | 4527673  | 13.47% 0.282% |
| 231    | 13.829 | 13.810 | 13.875 | VV | 145644 | 5270713  | 15.68% 0.328% |
| 232    | 13.918 | 13.875 | 13.944 | VV | 151382 | 5643771  | 16.79% 0.351% |
| 233    | 13.954 | 13.944 | 13.975 | VV | 140419 | 2449822  | 7.29% 0.152%  |
| 234    | 13.991 | 13.975 | 14.005 | VV | 122221 | 2163632  | 6.44% 0.135%  |
| 235    | 14.016 | 14.005 | 14.038 | VV | 121758 | 2221136  | 6.61% 0.138%  |
| 236    | 14.052 | 14.038 | 14.064 | VV | 106164 | 1643636  | 4.89% 0.102%  |
| 237    | 14.102 | 14.064 | 14.129 | VV | 129373 | 4444478  | 13.22% 0.277% |
| 238    | 14.139 | 14.129 | 14.152 | VV | 101876 | 1408442  | 4.19% 0.088%  |
| 239    | 14.170 | 14.152 | 14.222 | VV | 104637 | 4087637  | 12.16% 0.254% |
| 240    | 14.250 | 14.222 | 14.273 | VV | 106033 | 2987452  | 8.89% 0.186%  |
| 241    | 14.295 | 14.273 | 14.323 | VV | 95583  | 2703503  | 8.04% 0.168%  |
| 242    | 14.343 | 14.323 | 14.416 | VV | 92579  | 4695588  | 13.97% 0.292% |
| 243    | 14.431 | 14.416 | 14.440 | VV | 75501  | 1104326  | 3.28% 0.069%  |
| 244    | 14.465 | 14.440 | 14.480 | VV | 80016  | 1868487  | 5.56% 0.116%  |
| 245    | 14.494 | 14.480 | 14.525 | VV | 84218  | 2137342  | 6.36% 0.133%  |
| 246    | 14.553 | 14.525 | 14.595 | VV | 81261  | 3116974  | 9.27% 0.194%  |

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| rteres |        |        |        |    |       |         |       |        |  |
|--------|--------|--------|--------|----|-------|---------|-------|--------|--|
| 247    | 14.619 | 14.595 | 14.641 | VV | 68871 | 1833063 | 5.45% | 0.114% |  |
| 248    | 14.650 | 14.641 | 14.691 | VV | 66744 | 1925551 | 5.73% | 0.120% |  |
| 249    | 14.701 | 14.691 | 14.762 | VV | 62910 | 2443131 | 7.27% | 0.152% |  |
| 250    | 14.783 | 14.762 | 14.843 | VV | 54275 | 2486271 | 7.40% | 0.155% |  |
| 251    | 14.861 | 14.843 | 14.892 | VV | 52057 | 1450219 | 4.31% | 0.090% |  |
| 252    | 14.918 | 14.892 | 14.942 | VV | 64837 | 1574700 | 4.68% | 0.098% |  |
| 253    | 14.961 | 14.942 | 14.987 | VV | 63537 | 1343408 | 4.00% | 0.084% |  |
| 254    | 15.011 | 14.987 | 15.035 | VV | 44321 | 1246376 | 3.71% | 0.078% |  |
| 255    | 15.043 | 15.035 | 15.063 | VV | 43377 | 690961  | 2.06% | 0.043% |  |
| 256    | 15.077 | 15.063 | 15.095 | VV | 40534 | 764516  | 2.27% | 0.048% |  |
| 257    | 15.109 | 15.095 | 15.139 | VV | 38984 | 940826  | 2.80% | 0.059% |  |
| 258    | 15.158 | 15.139 | 15.187 | VV | 34558 | 954873  | 2.84% | 0.059% |  |
| 259    | 15.216 | 15.187 | 15.302 | VV | 35030 | 2107144 | 6.27% | 0.131% |  |
| 260    | 15.349 | 15.302 | 15.457 | VV | 55506 | 2825554 | 8.40% | 0.176% |  |
| 261    | 15.509 | 15.457 | 15.529 | VV | 23497 | 962417  | 2.86% | 0.060% |  |
| 262    | 15.538 | 15.529 | 15.564 | VV | 23421 | 467558  | 1.39% | 0.029% |  |
| 263    | 15.587 | 15.564 | 15.612 | VV | 23291 | 600284  | 1.79% | 0.037% |  |
| 264    | 15.626 | 15.612 | 15.657 | VV | 19302 | 472420  | 1.41% | 0.029% |  |
| 265    | 15.669 | 15.657 | 15.689 | VV | 17004 | 307418  | 0.91% | 0.019% |  |
| 266    | 15.745 | 15.689 | 15.775 | VV | 16641 | 809758  | 2.41% | 0.050% |  |
| 267    | 15.793 | 15.775 | 15.815 | VV | 14919 | 344782  | 1.03% | 0.021% |  |
| 268    | 15.822 | 15.815 | 15.858 | VV | 14517 | 327886  | 0.98% | 0.020% |  |
| 269    | 15.878 | 15.858 | 15.892 | VV | 12055 | 244327  | 0.73% | 0.015% |  |
| 270    | 15.909 | 15.892 | 15.927 | VV | 12270 | 239255  | 0.71% | 0.015% |  |
| 271    | 15.940 | 15.927 | 15.966 | VV | 11665 | 240106  | 0.71% | 0.015% |  |
| 272    | 15.986 | 15.966 | 16.009 | VV | 11231 | 262318  | 0.78% | 0.016% |  |
| 273    | 16.022 | 16.009 | 16.066 | VV | 10150 | 310043  | 0.92% | 0.019% |  |
| 274    | 16.084 | 16.066 | 16.135 | VV | 7891  | 283240  | 0.84% | 0.018% |  |
| 275    | 16.199 | 16.135 | 16.242 | VV | 7339  | 418788  | 1.25% | 0.026% |  |
| 276    | 16.256 | 16.242 | 16.268 | VV | 6223  | 90237   | 0.27% | 0.006% |  |
| 277    | 16.297 | 16.268 | 16.340 | VV | 7365  | 271830  | 0.81% | 0.017% |  |
| 278    | 16.365 | 16.340 | 16.429 | VV | 8202  | 310521  | 0.92% | 0.019% |  |
| 279    | 16.472 | 16.429 | 16.490 | VV | 24977 | 422576  | 1.26% | 0.026% |  |
| 280    | 16.500 | 16.490 | 16.532 | VV | 11500 | 168195  | 0.50% | 0.010% |  |
| 281    | 16.553 | 16.532 | 16.578 | VV | 3177  | 79054   | 0.24% | 0.005% |  |
| 282    | 16.603 | 16.578 | 16.627 | VV | 6508  | 119663  | 0.36% | 0.007% |  |
| 283    | 16.637 | 16.627 | 16.679 | VV | 3206  | 82327   | 0.24% | 0.005% |  |
| 284    | 16.693 | 16.679 | 16.736 | VV | 2874  | 84459   | 0.25% | 0.005% |  |
| 285    | 16.793 | 16.736 | 16.821 | VV | 14376 | 285204  | 0.85% | 0.018% |  |
| 286    | 16.850 | 16.821 | 16.888 | VV | 17702 | 252924  | 0.75% | 0.016% |  |
| 287    | 16.951 | 16.888 | 16.972 | VV | 5730  | 148027  | 0.44% | 0.009% |  |
| 288    | 16.988 | 16.972 | 17.027 | VV | 3594  | 78665   | 0.23% | 0.005% |  |
| 289    | 17.057 | 17.027 | 17.068 | VV | 1069  | 21897   | 0.07% | 0.001% |  |
| 290    | 17.090 | 17.068 | 17.124 | VV | 1856  | 41794   | 0.12% | 0.003% |  |
| 291    | 17.160 | 17.124 | 17.176 | VV | 1386  | 31319   | 0.09% | 0.002% |  |
| 292    | 17.214 | 17.176 | 17.247 | VV | 2636  | 73084   | 0.22% | 0.005% |  |
| 293    | 17.256 | 17.247 | 17.287 | VV | 1245  | 16096   | 0.05% | 0.001% |  |
| 294    | 17.311 | 17.287 | 17.330 | PV | 2296  | 34657   | 0.10% | 0.002% |  |
| 295    | 17.379 | 17.330 | 17.409 | VV | 5278  | 109112  | 0.32% | 0.007% |  |
| 296    | 17.436 | 17.409 | 17.452 | VV | 1158  | 17164   | 0.05% | 0.001% |  |
| 297    | 17.467 | 17.452 | 17.484 | VV | 526   | 7939    | 0.02% | 0.000% |  |
| 298    | 17.510 | 17.484 | 17.537 | PV | 1751  | 27676   | 0.08% | 0.002% |  |
| 299    | 17.556 | 17.537 | 17.578 | VV | 635   | 8750    | 0.03% | 0.001% |  |

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|     |        |        |        | rteres |       |        |       |        |
|-----|--------|--------|--------|--------|-------|--------|-------|--------|
| 300 | 17.625 | 17.578 | 17.643 | PV     | 721   | 15999  | 0.05% |        |
| 301 | 17.659 | 17.643 | 17.674 | VV     | 448   | 5451   | 0.02% | 0.000% |
| 302 | 17.693 | 17.674 | 17.726 | PV     | 328   | 4956   | 0.01% | 0.000% |
| 303 | 17.778 | 17.726 | 17.785 | PV     | 1633  | 27775  | 0.08% | 0.002% |
| 304 | 17.819 | 17.785 | 17.850 | VV     | 4361  | 89251  | 0.27% | 0.006% |
| 305 | 17.861 | 17.850 | 17.882 | VV     | 784   | 12396  | 0.04% | 0.001% |
| 306 | 17.905 | 17.882 | 17.920 | VV     | 1383  | 23732  | 0.07% | 0.001% |
| 307 | 17.939 | 17.920 | 17.960 | VV     | 1624  | 27981  | 0.08% | 0.002% |
| 308 | 17.982 | 17.960 | 18.000 | VV     | 1941  | 30498  | 0.09% | 0.002% |
| 309 | 18.006 | 18.000 | 18.030 | VV     | 1332  | 17402  | 0.05% | 0.001% |
| 310 | 18.061 | 18.030 | 18.092 | VV     | 1133  | 25106  | 0.07% | 0.002% |
| 311 | 18.127 | 18.092 | 18.143 | PV     | 3741  | 54878  | 0.16% | 0.003% |
| 312 | 18.184 | 18.143 | 18.199 | VV     | 11431 | 198241 | 0.59% | 0.012% |
| 313 | 18.216 | 18.199 | 18.290 | VV     | 13597 | 347289 | 1.03% | 0.022% |
| 314 | 18.299 | 18.290 | 18.324 | VV     | 1727  | 23226  | 0.07% | 0.001% |
| 315 | 18.348 | 18.324 | 18.365 | VV     | 4828  | 66936  | 0.20% | 0.004% |
| 316 | 18.382 | 18.365 | 18.439 | VV     | 3604  | 72499  | 0.22% | 0.005% |
| 317 | 18.473 | 18.439 | 18.512 | PV     | 11131 | 156864 | 0.47% | 0.010% |
| 318 | 18.552 | 18.512 | 18.573 | VV     | 2212  | 51974  | 0.15% | 0.003% |
| 319 | 18.603 | 18.573 | 18.622 | VV     | 4055  | 70339  | 0.21% | 0.004% |
| 320 | 18.646 | 18.622 | 18.674 | VV     | 5448  | 101526 | 0.30% | 0.006% |
| 321 | 18.696 | 18.674 | 18.714 | VV     | 2481  | 44541  | 0.13% | 0.003% |
| 322 | 18.781 | 18.714 | 18.800 | VV     | 3583  | 141610 | 0.42% | 0.009% |
| 323 | 18.836 | 18.800 | 18.859 | VV     | 3606  | 120260 | 0.36% | 0.007% |
| 324 | 18.870 | 18.859 | 18.883 | VV     | 3442  | 49625  | 0.15% | 0.003% |
| 325 | 18.903 | 18.883 | 18.920 | VV     | 3634  | 74784  | 0.22% | 0.005% |
| 326 | 18.942 | 18.920 | 18.961 | VV     | 3745  | 80165  | 0.24% | 0.005% |
| 327 | 18.987 | 18.961 | 19.000 | VV     | 10004 | 159584 | 0.47% | 0.010% |
| 328 | 19.023 | 19.000 | 19.107 | VV     | 11214 | 394686 | 1.17% | 0.025% |
| 329 | 19.150 | 19.107 | 19.165 | VV     | 3078  | 88950  | 0.26% | 0.006% |
| 330 | 19.185 | 19.165 | 19.211 | VV     | 3441  | 76837  | 0.23% | 0.005% |
| 331 | 19.240 | 19.211 | 19.278 | VV     | 3230  | 104359 | 0.31% | 0.006% |
| 332 | 19.356 | 19.278 | 19.370 | VV     | 2926  | 133959 | 0.40% | 0.008% |
| 333 | 19.435 | 19.370 | 19.458 | VV     | 4729  | 176032 | 0.52% | 0.011% |
| 334 | 19.505 | 19.458 | 19.520 | VV     | 4850  | 150244 | 0.45% | 0.009% |
| 335 | 19.553 | 19.520 | 19.585 | VV     | 6089  | 197304 | 0.59% | 0.012% |
| 336 | 19.624 | 19.585 | 19.654 | VV     | 10186 | 263125 | 0.78% | 0.016% |
| 337 | 19.692 | 19.654 | 19.726 | VV     | 9126  | 308074 | 0.92% | 0.019% |
| 338 | 19.744 | 19.726 | 19.762 | VV     | 7340  | 153283 | 0.46% | 0.010% |
| 339 | 19.807 | 19.762 | 19.847 | VV     | 11031 | 439331 | 1.31% | 0.027% |
| 340 | 19.906 | 19.847 | 19.918 | VV     | 7973  | 313702 | 0.93% | 0.020% |
| 341 | 19.938 | 19.918 | 19.957 | VV     | 9144  | 191262 | 0.57% | 0.012% |
| 342 | 20.000 | 19.957 | 20.037 | VV     | 13140 | 473444 | 1.41% | 0.029% |
| 343 | 20.070 | 20.037 | 20.110 | VV     | 13224 | 468101 | 1.39% | 0.029% |
| 344 | 20.146 | 20.110 | 20.155 | VV     | 10040 | 253437 | 0.75% | 0.016% |
| 345 | 20.172 | 20.155 | 20.205 | VV     | 10374 | 302104 | 0.90% | 0.019% |
| 346 | 20.223 | 20.205 | 20.233 | VV     | 10082 | 162072 | 0.48% | 0.010% |
| 347 | 20.262 | 20.233 | 20.280 | VV     | 10912 | 298042 | 0.89% | 0.019% |
| 348 | 20.343 | 20.280 | 20.385 | VV     | 13438 | 774975 | 2.31% | 0.048% |
| 349 | 20.404 | 20.385 | 20.429 | VV     | 12362 | 313542 | 0.93% | 0.020% |
| 350 | 20.448 | 20.429 | 20.465 | VV     | 11909 | 258624 | 0.77% | 0.016% |
| 351 | 20.543 | 20.465 | 20.564 | VV     | 13386 | 740688 | 2.20% | 0.046% |

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|                         |        |        |        |    | rt         | Area   | Area% | Area%  |
|-------------------------|--------|--------|--------|----|------------|--------|-------|--------|
| 352                     | 20.576 | 20.564 | 20.601 | VV | 13224      | 293072 | 0.87% | 0.018% |
| 353                     | 20.618 | 20.601 | 20.682 | VV | 12883      | 558041 | 1.66% | 0.035% |
| 354                     | 20.695 | 20.682 | 20.755 | VV | 10586      | 454654 | 1.35% | 0.028% |
| 355                     | 20.764 | 20.755 | 20.802 | VV | 9988       | 272732 | 0.81% | 0.017% |
| 356                     | 20.809 | 20.802 | 20.820 | VV | 9443       | 103863 | 0.31% | 0.006% |
| 357                     | 20.852 | 20.820 | 20.894 | VV | 10363      | 426049 | 1.27% | 0.027% |
| 358                     | 20.923 | 20.894 | 20.962 | VV | 9175       | 345076 | 1.03% | 0.021% |
| 359                     | 20.980 | 20.962 | 21.000 | VV | 7866       | 177945 | 0.53% | 0.011% |
| 360                     | 21.031 | 21.000 | 21.081 | VV | 7671       | 353423 | 1.05% | 0.022% |
| 361                     | 21.122 | 21.081 | 21.165 | VV | 7215       | 341502 | 1.02% | 0.021% |
| 362                     | 21.188 | 21.165 | 21.224 | VV | 6183       | 210375 | 0.63% | 0.013% |
| 363                     | 21.244 | 21.224 | 21.301 | VV | 6401       | 262784 | 0.78% | 0.016% |
| 364                     | 21.337 | 21.301 | 21.354 | VV | 5870       | 172365 | 0.51% | 0.011% |
| 365                     | 21.416 | 21.354 | 21.473 | VV | 7416       | 436904 | 1.30% | 0.027% |
| 366                     | 21.490 | 21.473 | 21.543 | VV | 4721       | 170122 | 0.51% | 0.011% |
| 367                     | 21.556 | 21.543 | 21.575 | VV | 3446       | 61837  | 0.18% | 0.004% |
| 368                     | 21.584 | 21.575 | 21.609 | VV | 3076       | 56024  | 0.17% | 0.003% |
| 369                     | 21.672 | 21.609 | 21.699 | VV | 3132       | 157407 | 0.47% | 0.010% |
| 370                     | 21.729 | 21.699 | 21.785 | VV | 3479       | 125957 | 0.37% | 0.008% |
| 371                     | 21.809 | 21.785 | 21.834 | VV | 2399       | 56044  | 0.17% | 0.003% |
| 372                     | 21.873 | 21.834 | 21.987 | VV | 2584       | 135147 | 0.40% | 0.008% |
| Sum of corrected areas: |        |        |        |    | 1607273692 |        |       |        |

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