

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC112020AL\  
 Data File : FC050884.D  
 Signal(s) : FID1A.CH  
 Acq On : 20 Nov 2020 19:40  
 Sample : L4808-01  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 110220.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         | 3.356       | 3.302        | 3.417      | BV       | 316            | 2359         | 0.07%          | 0.001%        |
| 2         | 3.429       | 3.417        | 3.447      | PV       | 85             | 1132         | 0.03%          | 0.001%        |
| 3         | 3.480       | 3.460        | 3.499      | PV       | 167            | 2564         | 0.07%          | 0.001%        |
| 4         | 3.508       | 3.499        | 3.569      | VV       | 115            | 4446         | 0.12%          | 0.002%        |
| 5         | 3.576       | 3.569        | 3.602      | VV       | 132            | 2211         | 0.06%          | 0.001%        |
| 6         | 3.659       | 3.602        | 3.697      | VV       | 272            | 7985         | 0.22%          | 0.004%        |
| 7         | 3.707       | 3.697        | 3.729      | VV       | 216            | 2667         | 0.07%          | 0.001%        |
| 8         | 3.736       | 3.729        | 3.758      | VV       | 220            | 2888         | 0.08%          | 0.002%        |
| 9         | 3.763       | 3.758        | 3.791      | VV       | 175            | 2130         | 0.06%          | 0.001%        |
| 10        | 3.798       | 3.791        | 3.817      | PV       | 159            | 1309         | 0.04%          | 0.001%        |
| 11        | 3.824       | 3.817        | 3.834      | VV       | 134            | 1086         | 0.03%          | 0.001%        |
| 12        | 3.853       | 3.834        | 3.867      | VV       | 118            | 2086         | 0.06%          | 0.001%        |
| 13        | 3.880       | 3.867        | 3.900      | VV       | 152            | 2109         | 0.06%          | 0.001%        |
| 14        | 3.907       | 3.900        | 3.920      | VV       | 100            | 1340         | 0.04%          | 0.001%        |
| 15        | 3.933       | 3.920        | 4.003      | VV       | 229            | 7192         | 0.20%          | 0.004%        |
| 16        | 4.031       | 4.003        | 4.187      | VV       | 9180           | 237802       | 6.65%          | 0.130%        |
| 17        | 4.193       | 4.187        | 4.203      | VV       | 777            | 6675         | 0.19%          | 0.004%        |
| 18        | 4.228       | 4.203        | 4.354      | VV       | 1221           | 72535        | 2.03%          | 0.040%        |
| 19        | 4.366       | 4.354        | 4.399      | VV       | 612            | 14057        | 0.39%          | 0.008%        |
| 20        | 4.426       | 4.399        | 4.453      | VV       | 855            | 18447        | 0.52%          | 0.010%        |
| 21        | 4.473       | 4.453        | 4.502      | VV       | 718            | 14600        | 0.41%          | 0.008%        |
| 22        | 4.510       | 4.502        | 4.552      | VV       | 487            | 11862        | 0.33%          | 0.007%        |
| 23        | 4.576       | 4.552        | 4.615      | VV       | 2983           | 42345        | 1.18%          | 0.023%        |
| 24        | 4.639       | 4.615        | 4.696      | VV       | 684            | 25111        | 0.70%          | 0.014%        |
| 25        | 4.706       | 4.696        | 4.729      | VV       | 434            | 7300         | 0.20%          | 0.004%        |
| 26        | 4.735       | 4.729        | 4.745      | VV       | 415            | 2978         | 0.08%          | 0.002%        |
| 27        | 4.770       | 4.745        | 4.787      | VV       | 393            | 7758         | 0.22%          | 0.004%        |
| 28        | 4.797       | 4.787        | 4.830      | VV       | 382            | 7282         | 0.20%          | 0.004%        |
| 29        | 4.837       | 4.830        | 4.857      | VV       | 333            | 3954         | 0.11%          | 0.002%        |
| 30        | 4.865       | 4.857        | 4.891      | VV       | 271            | 4518         | 0.13%          | 0.002%        |
| 31        | 4.909       | 4.891        | 4.955      | VV       | 307            | 7963         | 0.22%          | 0.004%        |
| 32        | 4.977       | 4.955        | 5.002      | VV       | 249            | 5322         | 0.15%          | 0.003%        |
| 33        | 5.023       | 5.002        | 5.097      | VV       | 414            | 13310        | 0.37%          | 0.007%        |
| 34        | 5.116       | 5.097        | 5.202      | VV       | 269            | 11994        | 0.34%          | 0.007%        |
| 35        | 5.218       | 5.202        | 5.248      | VV       | 273            | 5356         | 0.15%          | 0.003%        |
| 36        | 5.293       | 5.248        | 5.307      | VV       | 332            | 7811         | 0.22%          | 0.004%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.325 | 5.307 | 5.339 | VV | 460    | 7142  | 0.20% | 0.004% |
| 38 | 5.351 | 5.339 | 5.431 | VV | 552    | 16404 | 0.46% | 0.009% |
| 39 | 5.432 | 5.431 | 5.445 | VV | 223    | 1473  | 0.04% | 0.001% |
| 40 | 5.466 | 5.445 | 5.507 | VV | 380    | 9333  | 0.26% | 0.005% |
| 41 | 5.526 | 5.507 | 5.567 | VV | 369    | 7008  | 0.20% | 0.004% |
| 42 | 5.600 | 5.567 | 5.617 | VV | 692    | 11074 | 0.31% | 0.006% |
| 43 | 5.643 | 5.617 | 5.664 | VV | 962    | 16785 | 0.47% | 0.009% |
| 44 | 5.684 | 5.664 | 5.706 | VV | 847    | 13651 | 0.38% | 0.007% |
| 45 | 5.741 | 5.706 | 5.794 | VV | 812    | 19996 | 0.56% | 0.011% |
| 46 | 5.803 | 5.794 | 5.825 | VV | 232    | 3123  | 0.09% | 0.002% |
| 47 | 5.857 | 5.825 | 5.886 | VV | 211    | 4234  | 0.12% | 0.002% |
| 48 | 5.906 | 5.886 | 5.960 | PV | 161    | 2956  | 0.08% | 0.002% |
| 49 | 6.028 | 5.960 | 6.099 | VV | 1124   | 33295 | 0.93% | 0.018% |
| 50 | 6.109 | 6.099 | 6.130 | VV | 285    | 4392  | 0.12% | 0.002% |
| 51 | 6.157 | 6.130 | 6.229 | VV | 1974   | 30671 | 0.86% | 0.017% |
| 52 | 6.253 | 6.229 | 6.274 | VV | 191    | 3851  | 0.11% | 0.002% |
| 53 | 6.294 | 6.274 | 6.339 | VV | 1657   | 21102 | 0.59% | 0.012% |
| 54 | 6.348 | 6.339 | 6.367 | VV | 309    | 3291  | 0.09% | 0.002% |
| 55 | 6.388 | 6.367 | 6.399 | VV | 197    | 3214  | 0.09% | 0.002% |
| 56 | 6.446 | 6.399 | 6.504 | VV | 595    | 16359 | 0.46% | 0.009% |
| 57 | 6.526 | 6.504 | 6.537 | VV | 173    | 2093  | 0.06% | 0.001% |
| 58 | 6.591 | 6.537 | 6.659 | VV | 428    | 16626 | 0.46% | 0.009% |
| 59 | 6.667 | 6.659 | 6.696 | VV | 218    | 3336  | 0.09% | 0.002% |
| 60 | 6.726 | 6.696 | 6.757 | VV | 639    | 10260 | 0.29% | 0.006% |
| 61 | 6.764 | 6.757 | 6.777 | VV | 143    | 1173  | 0.03% | 0.001% |
| 62 | 6.803 | 6.792 | 6.816 | VV | 127    | 1226  | 0.03% | 0.001% |
| 63 | 6.828 | 6.816 | 6.867 | PV | 202    | 4046  | 0.11% | 0.002% |
| 64 | 6.875 | 6.867 | 6.922 | VV | 191    | 3216  | 0.09% | 0.002% |
| 65 | 6.957 | 6.922 | 6.994 | VV | 213    | 5727  | 0.16% | 0.003% |
| 66 | 7.004 | 6.994 | 7.034 | VV | 190    | 3980  | 0.11% | 0.002% |
| 67 | 7.057 | 7.034 | 7.069 | VV | 249    | 3732  | 0.10% | 0.002% |
| 68 | 7.085 | 7.069 | 7.134 | VV | 576    | 16422 | 0.46% | 0.009% |
| 69 | 7.149 | 7.134 | 7.164 | VV | 504    | 7461  | 0.21% | 0.004% |
| 70 | 7.189 | 7.164 | 7.207 | VV | 4931   | 53860 | 1.51% | 0.030% |
| 71 | 7.215 | 7.207 | 7.238 | VV | 948    | 13148 | 0.37% | 0.007% |
| 72 | 7.248 | 7.238 | 7.307 | VV | 550    | 14911 | 0.42% | 0.008% |
| 73 | 7.328 | 7.307 | 7.347 | VV | 405    | 6587  | 0.18% | 0.004% |
| 74 | 7.371 | 7.347 | 7.451 | VV | 1845   | 28738 | 0.80% | 0.016% |
| 75 | 7.462 | 7.451 | 7.477 | VV | 196    | 1999  | 0.06% | 0.001% |
| 76 | 7.543 | 7.477 | 7.612 | VV | 542    | 18746 | 0.52% | 0.010% |
| 77 | 7.624 | 7.612 | 7.646 | VV | 205    | 2828  | 0.08% | 0.002% |
| 78 | 7.659 | 7.646 | 7.676 | VV | 311    | 4652  | 0.13% | 0.003% |
| 79 | 7.710 | 7.676 | 7.727 | VV | 309    | 7233  | 0.20% | 0.004% |
| 80 | 7.741 | 7.727 | 7.762 | VV | 204    | 4070  | 0.11% | 0.002% |
| 81 | 7.779 | 7.762 | 7.789 | VV | 349    | 4739  | 0.13% | 0.003% |
| 82 | 7.822 | 7.789 | 7.838 | VV | 833    | 16999 | 0.48% | 0.009% |
| 83 | 7.849 | 7.838 | 7.871 | VV | 643    | 8313  | 0.23% | 0.005% |
| 84 | 7.890 | 7.871 | 7.911 | VV | 663    | 9671  | 0.27% | 0.005% |
| 85 | 7.937 | 7.911 | 7.955 | VV | 846    | 12712 | 0.36% | 0.007% |
| 86 | 7.977 | 7.955 | 8.039 | VV | 1449   | 34698 | 0.97% | 0.019% |
| 87 | 8.061 | 8.039 | 8.133 | VV | 1789   | 36897 | 1.03% | 0.020% |
| 88 | 8.149 | 8.133 | 8.161 | VV | 520    | 7690  | 0.21% | 0.004% |
| 89 | 8.206 | 8.161 | 8.222 | VV | 2998   | 56337 | 1.57% | 0.031% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 90  | 8.241  | 8.222  | 8.281  | VV | 5826   | 82846  | 2.32% | 0.045% |
| 91  | 8.308  | 8.281  | 8.423  | VV | 8066   | 180807 | 5.05% | 0.099% |
| 92  | 8.462  | 8.423  | 8.499  | VV | 653    | 23040  | 0.64% | 0.013% |
| 93  | 8.526  | 8.499  | 8.579  | VV | 377    | 12324  | 0.34% | 0.007% |
| 94  | 8.603  | 8.579  | 8.626  | VV | 835    | 14281  | 0.40% | 0.008% |
| 95  | 8.657  | 8.626  | 8.713  | VV | 2520   | 56782  | 1.59% | 0.031% |
| 96  | 8.727  | 8.713  | 8.752  | VV | 968    | 18046  | 0.50% | 0.010% |
| 97  | 8.776  | 8.752  | 8.809  | VV | 1867   | 31070  | 0.87% | 0.017% |
| 98  | 8.827  | 8.809  | 8.854  | VV | 490    | 9145   | 0.26% | 0.005% |
| 99  | 8.858  | 8.854  | 8.876  | VV | 269    | 2441   | 0.07% | 0.001% |
| 100 | 8.896  | 8.876  | 8.915  | VV | 563    | 8362   | 0.23% | 0.005% |
| 101 | 8.941  | 8.915  | 8.956  | VV | 821    | 15260  | 0.43% | 0.008% |
| 102 | 8.962  | 8.956  | 9.027  | VV | 836    | 25623  | 0.72% | 0.014% |
| 103 | 9.063  | 9.027  | 9.099  | VV | 3729   | 56052  | 1.57% | 0.031% |
| 104 | 9.104  | 9.099  | 9.133  | VV | 600    | 8382   | 0.23% | 0.005% |
| 105 | 9.146  | 9.133  | 9.182  | VV | 366    | 5885   | 0.16% | 0.003% |
| 106 | 9.221  | 9.182  | 9.244  | VV | 403    | 7398   | 0.21% | 0.004% |
| 107 | 9.252  | 9.244  | 9.286  | VV | 271    | 4362   | 0.12% | 0.002% |
| 108 | 9.300  | 9.286  | 9.324  | VV | 155    | 2354   | 0.07% | 0.001% |
| 109 | 9.355  | 9.324  | 9.382  | PV | 377    | 6720   | 0.19% | 0.004% |
| 110 | 9.449  | 9.407  | 9.499  | VV | 2172   | 52362  | 1.46% | 0.029% |
| 111 | 9.519  | 9.499  | 9.552  | VV | 935    | 18583  | 0.52% | 0.010% |
| 112 | 9.567  | 9.552  | 9.582  | VV | 689    | 9844   | 0.28% | 0.005% |
| 113 | 9.595  | 9.582  | 9.611  | VV | 750    | 10889  | 0.30% | 0.006% |
| 114 | 9.619  | 9.611  | 9.638  | VV | 707    | 8359   | 0.23% | 0.005% |
| 115 | 9.675  | 9.638  | 9.701  | VV | 936    | 17614  | 0.49% | 0.010% |
| 116 | 9.718  | 9.701  | 9.739  | VV | 233    | 3685   | 0.10% | 0.002% |
| 117 | 9.768  | 9.739  | 9.817  | VV | 788    | 23307  | 0.65% | 0.013% |
| 118 | 9.841  | 9.817  | 9.923  | VV | 2873   | 58889  | 1.65% | 0.032% |
| 119 | 9.947  | 9.923  | 9.981  | VV | 919    | 19351  | 0.54% | 0.011% |
| 120 | 10.018 | 9.981  | 10.074 | VV | 422    | 15807  | 0.44% | 0.009% |
| 121 | 10.083 | 10.074 | 10.099 | VV | 173    | 1034   | 0.03% | 0.001% |
| 122 | 10.127 | 10.099 | 10.154 | PV | 302    | 4153   | 0.12% | 0.002% |
| 123 | 10.182 | 10.154 | 10.202 | VV | 674    | 10132  | 0.28% | 0.006% |
| 124 | 10.228 | 10.202 | 10.262 | VV | 1024   | 19793  | 0.55% | 0.011% |
| 125 | 10.287 | 10.262 | 10.304 | VV | 579    | 10691  | 0.30% | 0.006% |
| 126 | 10.320 | 10.304 | 10.347 | VV | 856    | 16240  | 0.45% | 0.009% |
| 127 | 10.366 | 10.347 | 10.410 | VV | 1100   | 20547  | 0.57% | 0.011% |
| 128 | 10.463 | 10.410 | 10.475 | VV | 900    | 18491  | 0.52% | 0.010% |
| 129 | 10.504 | 10.475 | 10.531 | VV | 944    | 22815  | 0.64% | 0.013% |
| 130 | 10.538 | 10.531 | 10.552 | VV | 363    | 3911   | 0.11% | 0.002% |
| 131 | 10.579 | 10.552 | 10.627 | VV | 2704   | 44470  | 1.24% | 0.024% |
| 132 | 10.651 | 10.627 | 10.696 | VV | 1518   | 36106  | 1.01% | 0.020% |
| 133 | 10.716 | 10.696 | 10.739 | VV | 1604   | 23273  | 0.65% | 0.013% |
| 134 | 10.747 | 10.739 | 10.766 | VV | 357    | 3939   | 0.11% | 0.002% |
| 135 | 10.800 | 10.766 | 10.818 | VV | 545    | 9140   | 0.26% | 0.005% |
| 136 | 10.849 | 10.818 | 10.908 | VV | 10403  | 195250 | 5.46% | 0.107% |
| 137 | 10.929 | 10.908 | 11.017 | VV | 3158   | 102654 | 2.87% | 0.056% |
| 138 | 11.031 | 11.017 | 11.042 | VV | 714    | 10056  | 0.28% | 0.006% |
| 139 | 11.054 | 11.042 | 11.072 | VV | 723    | 10193  | 0.28% | 0.006% |
| 140 | 11.087 | 11.072 | 11.117 | VV | 372    | 6404   | 0.18% | 0.004% |
| 141 | 11.170 | 11.117 | 11.193 | PV | 497    | 13903  | 0.39% | 0.008% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 11.212 | 11.193 | 11.235 | VV | 844    | 13544   | 0.38%   | 0.007% |
| 143 | 11.281 | 11.235 | 11.319 | VV | 2784   | 43838   | 1.23%   | 0.024% |
| 144 | 11.372 | 11.319 | 11.426 | VV | 2178   | 39240   | 1.10%   | 0.022% |
| 145 | 11.441 | 11.426 | 11.457 | PV | 306    | 3664    | 0.10%   | 0.002% |
| 146 | 11.473 | 11.457 | 11.496 | VV | 806    | 8391    | 0.23%   | 0.005% |
| 147 | 11.525 | 11.496 | 11.549 | VV | 414    | 5405    | 0.15%   | 0.003% |
| 148 | 11.605 | 11.549 | 11.669 | PV | 315829 | 3577242 | 100.00% | 1.963% |
| 149 | 11.689 | 11.669 | 11.742 | VV | 2234   | 75824   | 2.12%   | 0.042% |
| 150 | 11.765 | 11.742 | 11.785 | VV | 2609   | 45604   | 1.27%   | 0.025% |
| 151 | 11.797 | 11.785 | 11.813 | VV | 1512   | 20080   | 0.56%   | 0.011% |
| 152 | 11.832 | 11.813 | 11.870 | VV | 1824   | 31287   | 0.87%   | 0.017% |
| 153 | 11.950 | 11.870 | 11.984 | VV | 2809   | 81943   | 2.29%   | 0.045% |
| 154 | 11.990 | 11.984 | 12.002 | VV | 688    | 6535    | 0.18%   | 0.004% |
| 155 | 12.028 | 12.002 | 12.107 | VV | 928    | 36457   | 1.02%   | 0.020% |
| 156 | 12.152 | 12.107 | 12.170 | VV | 815    | 19886   | 0.56%   | 0.011% |
| 157 | 12.208 | 12.170 | 12.278 | VV | 4161   | 123804  | 3.46%   | 0.068% |
| 158 | 12.295 | 12.278 | 12.315 | VV | 1367   | 26982   | 0.75%   | 0.015% |
| 159 | 12.333 | 12.315 | 12.349 | VV | 1381   | 25738   | 0.72%   | 0.014% |
| 160 | 12.364 | 12.349 | 12.376 | VV | 1359   | 19538   | 0.55%   | 0.011% |
| 161 | 12.385 | 12.376 | 12.401 | VV | 1423   | 19811   | 0.55%   | 0.011% |
| 162 | 12.411 | 12.401 | 12.425 | VV | 1402   | 19039   | 0.53%   | 0.010% |
| 163 | 12.447 | 12.425 | 12.494 | VV | 1856   | 63094   | 1.76%   | 0.035% |
| 164 | 12.526 | 12.494 | 12.536 | VV | 2738   | 57107   | 1.60%   | 0.031% |
| 165 | 12.550 | 12.536 | 12.567 | VV | 2866   | 49376   | 1.38%   | 0.027% |
| 166 | 12.590 | 12.567 | 12.611 | VV | 5690   | 101892  | 2.85%   | 0.056% |
| 167 | 12.620 | 12.611 | 12.634 | VV | 3010   | 39462   | 1.10%   | 0.022% |
| 168 | 12.668 | 12.634 | 12.727 | VV | 13355  | 329338  | 9.21%   | 0.181% |
| 169 | 12.739 | 12.727 | 12.763 | VV | 3844   | 70173   | 1.96%   | 0.039% |
| 170 | 12.874 | 12.763 | 12.900 | VV | 5373   | 324616  | 9.07%   | 0.178% |
| 171 | 12.924 | 12.900 | 12.944 | VV | 7755   | 157735  | 4.41%   | 0.087% |
| 172 | 12.969 | 12.944 | 12.999 | VV | 13473  | 296783  | 8.30%   | 0.163% |
| 173 | 13.039 | 12.999 | 13.071 | VV | 219890 | 2867632 | 80.16%  | 1.574% |
| 174 | 13.083 | 13.071 | 13.124 | VV | 12055  | 309538  | 8.65%   | 0.170% |
| 175 | 13.141 | 13.124 | 13.164 | VV | 8570   | 193970  | 5.42%   | 0.106% |
| 176 | 13.173 | 13.164 | 13.183 | VV | 7910   | 89494   | 2.50%   | 0.049% |
| 177 | 13.207 | 13.183 | 13.229 | VV | 10927  | 254627  | 7.12%   | 0.140% |
| 178 | 13.274 | 13.229 | 13.281 | VV | 9971   | 294396  | 8.23%   | 0.162% |
| 179 | 13.306 | 13.281 | 13.351 | VV | 10437  | 411592  | 11.51%  | 0.226% |
| 180 | 13.371 | 13.351 | 13.399 | VV | 10890  | 285787  | 7.99%   | 0.157% |
| 181 | 13.430 | 13.399 | 13.453 | VV | 14853  | 403188  | 11.27%  | 0.221% |
| 182 | 13.480 | 13.453 | 13.514 | VV | 14188  | 470759  | 13.16%  | 0.258% |
| 183 | 13.566 | 13.514 | 13.597 | VV | 14451  | 677664  | 18.94%  | 0.372% |
| 184 | 13.639 | 13.597 | 13.659 | VV | 16402  | 559650  | 15.64%  | 0.307% |
| 185 | 13.699 | 13.659 | 13.737 | VV | 20171  | 810827  | 22.67%  | 0.445% |
| 186 | 13.754 | 13.737 | 13.772 | VV | 15962  | 324801  | 9.08%   | 0.178% |
| 187 | 13.792 | 13.772 | 13.832 | VV | 19425  | 634114  | 17.73%  | 0.348% |
| 188 | 13.848 | 13.832 | 13.867 | VV | 19652  | 382813  | 10.70%  | 0.210% |
| 189 | 13.875 | 13.867 | 13.892 | VV | 18890  | 265130  | 7.41%   | 0.145% |
| 190 | 13.917 | 13.892 | 13.926 | VV | 18473  | 350008  | 9.78%   | 0.192% |
| 191 | 13.935 | 13.926 | 13.959 | VV | 17885  | 338982  | 9.48%   | 0.186% |
| 192 | 14.024 | 13.959 | 14.050 | VV | 24801  | 1092276 | 30.53%  | 0.599% |
| 193 | 14.059 | 14.050 | 14.066 | VV | 20037  | 189882  | 5.31%   | 0.104% |
| 194 | 14.086 | 14.066 | 14.131 | VV | 21932  | 770930  | 21.55%  | 0.423% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 195 | 14.205 | 14.131 | 14.225 | VV | 23523  | 1187951 | 33.21% | 0.652% |
| 196 | 14.267 | 14.225 | 14.284 | VV | 24153  | 788299  | 22.04% | 0.433% |
| 197 | 14.290 | 14.284 | 14.331 | VV | 23029  | 630402  | 17.62% | 0.346% |
| 198 | 14.351 | 14.331 | 14.367 | VV | 23449  | 469138  | 13.11% | 0.257% |
| 199 | 14.420 | 14.367 | 14.449 | VV | 29630  | 1204752 | 33.68% | 0.661% |
| 200 | 14.484 | 14.449 | 14.529 | VV | 26744  | 1160040 | 32.43% | 0.637% |
| 201 | 14.555 | 14.529 | 14.568 | VV | 25478  | 571984  | 15.99% | 0.314% |
| 202 | 14.594 | 14.568 | 14.622 | VV | 27656  | 852387  | 23.83% | 0.468% |
| 203 | 14.633 | 14.622 | 14.687 | VV | 26763  | 984808  | 27.53% | 0.540% |
| 204 | 14.728 | 14.687 | 14.767 | VV | 29356  | 1266216 | 35.40% | 0.695% |
| 205 | 14.791 | 14.767 | 14.813 | VV | 27437  | 749919  | 20.96% | 0.412% |
| 206 | 14.822 | 14.813 | 14.841 | VV | 28222  | 437000  | 12.22% | 0.240% |
| 207 | 14.859 | 14.841 | 14.877 | VV | 30114  | 623125  | 17.42% | 0.342% |
| 208 | 14.893 | 14.877 | 14.922 | VV | 32717  | 808597  | 22.60% | 0.444% |
| 209 | 14.952 | 14.922 | 14.999 | VV | 31861  | 1357118 | 37.94% | 0.745% |
| 210 | 15.034 | 14.999 | 15.062 | VV | 32151  | 1097852 | 30.69% | 0.602% |
| 211 | 15.140 | 15.062 | 15.148 | VV | 30362  | 1501993 | 41.99% | 0.824% |
| 212 | 15.159 | 15.148 | 15.204 | VV | 31116  | 985933  | 27.56% | 0.541% |
| 213 | 15.216 | 15.204 | 15.226 | VV | 29238  | 375028  | 10.48% | 0.206% |
| 214 | 15.278 | 15.226 | 15.324 | VV | 45746  | 2111133 | 59.02% | 1.158% |
| 215 | 15.329 | 15.324 | 15.389 | VV | 34715  | 1232779 | 34.46% | 0.676% |
| 216 | 15.413 | 15.389 | 15.427 | VV | 34023  | 746660  | 20.87% | 0.410% |
| 217 | 15.467 | 15.427 | 15.531 | VV | 38214  | 2086096 | 58.32% | 1.145% |
| 218 | 15.556 | 15.531 | 15.574 | VV | 33554  | 808841  | 22.61% | 0.444% |
| 219 | 15.599 | 15.574 | 15.621 | VV | 32801  | 892868  | 24.96% | 0.490% |
| 220 | 15.637 | 15.621 | 15.679 | VV | 33827  | 1145860 | 32.03% | 0.629% |
| 221 | 15.687 | 15.679 | 15.699 | VV | 33509  | 388463  | 10.86% | 0.213% |
| 222 | 15.741 | 15.699 | 15.782 | VV | 48189  | 1874712 | 52.41% | 1.029% |
| 223 | 15.806 | 15.782 | 15.856 | VV | 35135  | 1478044 | 41.32% | 0.811% |
| 224 | 15.871 | 15.856 | 15.887 | VV | 33474  | 624716  | 17.46% | 0.343% |
| 225 | 15.914 | 15.887 | 15.936 | VV | 36870  | 1008351 | 28.19% | 0.553% |
| 226 | 15.957 | 15.936 | 15.999 | VV | 39731  | 1372369 | 38.36% | 0.753% |
| 227 | 16.007 | 15.999 | 16.041 | VV | 34190  | 827626  | 23.14% | 0.454% |
| 228 | 16.057 | 16.041 | 16.067 | VV | 33359  | 514017  | 14.37% | 0.282% |
| 229 | 16.086 | 16.067 | 16.105 | VV | 36149  | 805636  | 22.52% | 0.442% |
| 230 | 16.137 | 16.105 | 16.157 | VV | 42822  | 1177338 | 32.91% | 0.646% |
| 231 | 16.167 | 16.157 | 16.179 | VV | 36406  | 466729  | 13.05% | 0.256% |
| 232 | 16.236 | 16.179 | 16.267 | VV | 51350  | 2220401 | 62.07% | 1.218% |
| 233 | 16.299 | 16.267 | 16.327 | VV | 40133  | 1387793 | 38.80% | 0.762% |
| 234 | 16.365 | 16.327 | 16.387 | VV | 40971  | 1393299 | 38.95% | 0.765% |
| 235 | 16.419 | 16.387 | 16.459 | VV | 44441  | 1792074 | 50.10% | 0.983% |
| 236 | 16.480 | 16.459 | 16.534 | VV | 45060  | 1813826 | 50.70% | 0.995% |
| 237 | 16.569 | 16.534 | 16.589 | VV | 43557  | 1350844 | 37.76% | 0.741% |
| 238 | 16.615 | 16.589 | 16.667 | VV | 44651  | 1964866 | 54.93% | 1.078% |
| 239 | 16.674 | 16.667 | 16.687 | VV | 40622  | 479109  | 13.39% | 0.263% |
| 240 | 16.740 | 16.687 | 16.781 | VV | 46575  | 2338090 | 65.36% | 1.283% |
| 241 | 16.799 | 16.781 | 16.816 | VV | 40413  | 832322  | 23.27% | 0.457% |
| 242 | 16.835 | 16.816 | 16.849 | VV | 42497  | 819109  | 22.90% | 0.449% |
| 243 | 16.862 | 16.849 | 16.874 | VV | 45495  | 655080  | 18.31% | 0.359% |
| 244 | 16.894 | 16.874 | 16.964 | VV | 49174  | 2282559 | 63.81% | 1.253% |
| 245 | 16.979 | 16.964 | 17.002 | VV | 39966  | 886566  | 24.78% | 0.486% |
| 246 | 17.042 | 17.002 | 17.054 | VV | 41696  | 1254543 | 35.07% | 0.688% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 17.113 | 17.054 | 17.136 | VV | 46629 | 2097226 | 58.63% | 1.151% |
| 248    | 17.186 | 17.136 | 17.219 | VV | 46450 | 2114039 | 59.10% | 1.160% |
| 249    | 17.246 | 17.219 | 17.264 | VV | 42559 | 1119661 | 31.30% | 0.614% |
| 250    | 17.293 | 17.264 | 17.331 | VV | 47635 | 1762516 | 49.27% | 0.967% |
| 251    | 17.343 | 17.331 | 17.352 | VV | 41567 | 537524  | 15.03% | 0.295% |
| 252    | 17.370 | 17.352 | 17.382 | VV | 42380 | 749423  | 20.95% | 0.411% |
| 253    | 17.388 | 17.382 | 17.408 | VV | 41928 | 641440  | 17.93% | 0.352% |
| 254    | 17.434 | 17.408 | 17.475 | VV | 47063 | 1737653 | 48.58% | 0.954% |
| 255    | 17.484 | 17.475 | 17.502 | VV | 41838 | 663224  | 18.54% | 0.364% |
| 256    | 17.521 | 17.502 | 17.547 | VV | 42705 | 1105206 | 30.90% | 0.606% |
| 257    | 17.553 | 17.547 | 17.561 | VV | 40330 | 320176  | 8.95%  | 0.176% |
| 258    | 17.588 | 17.561 | 17.634 | VV | 42835 | 1797710 | 50.25% | 0.986% |
| 259    | 17.662 | 17.634 | 17.711 | VV | 47210 | 2027056 | 56.67% | 1.112% |
| 260    | 17.751 | 17.711 | 17.812 | VV | 50928 | 2703349 | 75.57% | 1.483% |
| 261    | 17.904 | 17.812 | 17.933 | VV | 72249 | 3500822 | 97.86% | 1.921% |
| 262    | 17.944 | 17.933 | 17.969 | VV | 49539 | 992733  | 27.75% | 0.545% |
| 263    | 17.981 | 17.969 | 18.018 | VV | 43967 | 1263470 | 35.32% | 0.693% |
| 264    | 18.038 | 18.018 | 18.059 | VV | 44273 | 1035621 | 28.95% | 0.568% |
| 265    | 18.082 | 18.059 | 18.092 | VV | 46274 | 885245  | 24.75% | 0.486% |
| 266    | 18.116 | 18.092 | 18.156 | VV | 54636 | 1864258 | 52.11% | 1.023% |
| 267    | 18.174 | 18.156 | 18.199 | VV | 48346 | 1182858 | 33.07% | 0.649% |
| 268    | 18.209 | 18.199 | 18.228 | VV | 43030 | 734251  | 20.53% | 0.403% |
| 269    | 18.270 | 18.228 | 18.289 | VV | 59041 | 1764036 | 49.31% | 0.968% |
| 270    | 18.305 | 18.289 | 18.347 | VV | 48915 | 1526244 | 42.67% | 0.838% |
| 271    | 18.383 | 18.347 | 18.414 | VV | 42569 | 1654119 | 46.24% | 0.908% |
| 272    | 18.449 | 18.414 | 18.507 | VV | 46255 | 2411899 | 67.42% | 1.324% |
| 273    | 18.579 | 18.507 | 18.635 | VV | 45708 | 3204533 | 89.58% | 1.758% |
| 274    | 18.691 | 18.635 | 18.721 | VV | 52637 | 2282824 | 63.82% | 1.253% |
| 275    | 18.740 | 18.721 | 18.810 | VV | 51343 | 2368059 | 66.20% | 1.299% |
| 276    | 18.827 | 18.810 | 18.840 | VV | 42730 | 732124  | 20.47% | 0.402% |
| 277    | 18.868 | 18.840 | 18.905 | VV | 43391 | 1584358 | 44.29% | 0.869% |
| 278    | 18.918 | 18.905 | 18.927 | VV | 40138 | 527658  | 14.75% | 0.290% |
| 279    | 18.973 | 18.927 | 18.995 | VV | 44108 | 1714734 | 47.93% | 0.941% |
| 280    | 19.022 | 18.995 | 19.060 | VV | 45639 | 1625283 | 45.43% | 0.892% |
| 281    | 19.089 | 19.060 | 19.117 | VV | 43968 | 1394204 | 38.97% | 0.765% |
| 282    | 19.174 | 19.117 | 19.244 | VV | 41848 | 3014539 | 84.27% | 1.654% |
| 283    | 19.255 | 19.244 | 19.314 | VV | 38545 | 1574834 | 44.02% | 0.864% |
| 284    | 19.362 | 19.314 | 19.376 | VV | 42470 | 1425032 | 39.84% | 0.782% |
| 285    | 19.397 | 19.376 | 19.432 | VV | 44036 | 1368524 | 38.26% | 0.751% |
| 286    | 19.442 | 19.432 | 19.461 | VV | 37384 | 634995  | 17.75% | 0.348% |
| 287    | 19.494 | 19.461 | 19.524 | VV | 39714 | 1438288 | 40.21% | 0.789% |
| 288    | 19.544 | 19.524 | 19.566 | VV | 38054 | 933734  | 26.10% | 0.512% |
| 289    | 19.599 | 19.566 | 19.691 | VV | 38371 | 2765760 | 77.32% | 1.518% |
| 290    | 19.732 | 19.691 | 19.753 | VV | 41144 | 1420560 | 39.71% | 0.780% |
| 291    | 19.791 | 19.753 | 19.824 | VV | 41649 | 1662868 | 46.48% | 0.912% |
| 292    | 19.849 | 19.824 | 19.868 | VV | 35290 | 906441  | 25.34% | 0.497% |
| 293    | 19.909 | 19.868 | 19.942 | VV | 37371 | 1585946 | 44.33% | 0.870% |
| 294    | 19.975 | 19.942 | 19.988 | VV | 36532 | 972618  | 27.19% | 0.534% |
| 295    | 20.023 | 19.988 | 20.053 | VV | 37423 | 1425126 | 39.84% | 0.782% |
| 296    | 20.067 | 20.053 | 20.078 | VV | 36923 | 556904  | 15.57% | 0.306% |
| 297    | 20.098 | 20.078 | 20.137 | VV | 39401 | 1317604 | 36.83% | 0.723% |
| 298    | 20.182 | 20.137 | 20.242 | VV | 41991 | 2425865 | 67.81% | 1.331% |
| 299    | 20.264 | 20.242 | 20.281 | VV | 37794 | 879550  | 24.59% | 0.483% |

|     |        |        |        |     |                                   |         |        |        |
|-----|--------|--------|--------|-----|-----------------------------------|---------|--------|--------|
|     |        |        |        |     | rteres                            |         |        |        |
| 300 | 20.293 | 20.281 | 20.301 | VV  | 37511                             | 443236  | 12.39% | 0.243% |
| 301 | 20.315 | 20.301 | 20.370 | VV  | 38911                             | 1521414 | 42.53% | 0.835% |
| 302 | 20.387 | 20.370 | 20.414 | VV  | 36805                             | 947104  | 26.48% | 0.520% |
| 303 | 20.448 | 20.414 | 20.571 | VV  | 37065                             | 3233302 | 90.39% | 1.774% |
| 304 | 20.592 | 20.571 | 20.619 | VV  | 32244                             | 891960  | 24.93% | 0.489% |
| 305 | 20.630 | 20.619 | 20.661 | VV  | 30680                             | 762738  | 21.32% | 0.419% |
| 306 | 20.672 | 20.661 | 20.690 | VV  | 30436                             | 525599  | 14.69% | 0.288% |
| 307 | 20.698 | 20.690 | 20.725 | VV  | 31059                             | 619385  | 17.31% | 0.340% |
| 308 | 20.744 | 20.725 | 20.815 | VV  | 29681                             | 1539719 | 43.04% | 0.845% |
| 309 | 20.839 | 20.815 | 20.885 | VV  | 30649                             | 1192481 | 33.34% | 0.654% |
| 310 | 20.895 | 20.885 | 20.922 | VV  | 26862                             | 596730  | 16.68% | 0.327% |
| 311 | 20.936 | 20.922 | 20.965 | VV  | 26313                             | 647077  | 18.09% | 0.355% |
| 312 | 20.974 | 20.965 | 21.001 | VV  | 25243                             | 546736  | 15.28% | 0.300% |
| 313 | 21.012 | 21.001 | 21.036 | VV  | 24928                             | 509942  | 14.26% | 0.280% |
| 314 | 21.058 | 21.036 | 21.085 | VV  | 24336                             | 695405  | 19.44% | 0.382% |
| 315 | 21.111 | 21.085 | 21.168 | VV  | 23924                             | 1156289 | 32.32% | 0.635% |
| 316 | 21.181 | 21.168 | 21.199 | VV  | 22429                             | 416002  | 11.63% | 0.228% |
| 317 | 21.220 | 21.199 | 21.245 | VV  | 22128                             | 594134  | 16.61% | 0.326% |
| 318 | 21.269 | 21.245 | 21.326 | VV  | 22898                             | 1048793 | 29.32% | 0.576% |
| 319 | 21.334 | 21.326 | 21.381 | VV  | 20643                             | 669137  | 18.71% | 0.367% |
| 320 | 21.391 | 21.381 | 21.425 | VV  | 20694                             | 527435  | 14.74% | 0.289% |
| 321 | 21.434 | 21.425 | 21.457 | VV  | 19653                             | 368770  | 10.31% | 0.202% |
| 322 | 21.472 | 21.457 | 21.481 | VV  | 19501                             | 278264  | 7.78%  | 0.153% |
| 323 | 21.495 | 21.481 | 21.506 | VV  | 19933                             | 295522  | 8.26%  | 0.162% |
| 324 | 21.516 | 21.506 | 21.624 | VV  | 19202                             | 1318634 | 36.86% | 0.724% |
| 325 | 21.635 | 21.624 | 21.666 | VV  | 18256                             | 449121  | 12.55% | 0.246% |
| 326 | 21.674 | 21.666 | 21.714 | VV  | 17419                             | 492632  | 13.77% | 0.270% |
| 327 | 21.767 | 21.714 | 21.810 | VV  | 19898                             | 1033893 | 28.90% | 0.567% |
| 328 | 21.845 | 21.810 | 21.861 | VBA | 17503                             | 562623  | 15.73% | 0.309% |
|     |        |        |        |     | Sum of corrected areas: 182234583 |         |        |        |

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