

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC031020AL\  
 Data File : FC046233.D  
 Signal(s) : FID1A.CH  
 Acq On : 10 Mar 2020 22:36  
 Sample : L1849-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 022120.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         | 3.542       | 3.496        | 3.557      | BV       | 172            | 1352         | 0.05%          | 0.004%        |
| 2         | 3.564       | 3.557        | 3.628      | VV       | 133            | 1960         | 0.07%          | 0.006%        |
| 3         | 3.653       | 3.628        | 3.664      | VV       | 125            | 1496         | 0.06%          | 0.004%        |
| 4         | 3.675       | 3.664        | 3.731      | VV       | 127            | 3104         | 0.12%          | 0.009%        |
| 5         | 3.742       | 3.731        | 3.775      | VV       | 143            | 2196         | 0.08%          | 0.006%        |
| 6         | 3.820       | 3.775        | 3.830      | PV       | 180            | 2963         | 0.11%          | 0.008%        |
| 7         | 3.849       | 3.830        | 3.894      | VV       | 880            | 9994         | 0.38%          | 0.029%        |
| 8         | 3.910       | 3.894        | 3.943      | VV       | 164            | 2684         | 0.10%          | 0.008%        |
| 9         | 3.952       | 3.943        | 3.962      | VV       | 126            | 1073         | 0.04%          | 0.003%        |
| 10        | 3.987       | 3.962        | 4.004      | VV       | 213            | 3048         | 0.12%          | 0.009%        |
| 11        | 4.051       | 4.024        | 4.064      | PV       | 224            | 2781         | 0.11%          | 0.008%        |
| 12        | 4.092       | 4.064        | 4.119      | VV       | 308            | 6133         | 0.23%          | 0.018%        |
| 13        | 4.139       | 4.119        | 4.162      | VV       | 227            | 3454         | 0.13%          | 0.010%        |
| 14        | 4.170       | 4.162        | 4.182      | VV       | 104            | 1219         | 0.05%          | 0.003%        |
| 15        | 4.210       | 4.182        | 4.256      | VV       | 268            | 8199         | 0.31%          | 0.023%        |
| 16        | 4.268       | 4.256        | 4.288      | VV       | 313            | 4698         | 0.18%          | 0.013%        |
| 17        | 4.306       | 4.288        | 4.332      | VV       | 197            | 3749         | 0.14%          | 0.011%        |
| 18        | 4.341       | 4.332        | 4.365      | VV       | 158            | 1977         | 0.07%          | 0.006%        |
| 19        | 4.383       | 4.365        | 4.409      | VV       | 206            | 3669         | 0.14%          | 0.011%        |
| 20        | 4.420       | 4.409        | 4.464      | VV       | 255            | 4325         | 0.16%          | 0.012%        |
| 21        | 4.476       | 4.464        | 4.497      | VV       | 127            | 1499         | 0.06%          | 0.004%        |
| 22        | 4.537       | 4.497        | 4.577      | PV       | 1161           | 15918        | 0.60%          | 0.046%        |
| 23        | 4.611       | 4.577        | 4.666      | VV       | 601            | 12860        | 0.49%          | 0.037%        |
| 24        | 4.688       | 4.666        | 4.703      | VV       | 265            | 3914         | 0.15%          | 0.011%        |
| 25        | 4.723       | 4.703        | 4.742      | VV       | 427            | 6333         | 0.24%          | 0.018%        |
| 26        | 4.775       | 4.742        | 4.804      | VV       | 882            | 18325        | 0.69%          | 0.052%        |
| 27        | 4.816       | 4.804        | 4.847      | VV       | 508            | 8696         | 0.33%          | 0.025%        |
| 28        | 4.860       | 4.847        | 4.876      | VV       | 336            | 4283         | 0.16%          | 0.012%        |
| 29        | 4.896       | 4.876        | 4.906      | VV       | 383            | 4982         | 0.19%          | 0.014%        |
| 30        | 4.916       | 4.906        | 4.931      | VV       | 371            | 4088         | 0.15%          | 0.012%        |
| 31        | 4.960       | 4.931        | 4.970      | VV       | 383            | 5865         | 0.22%          | 0.017%        |
| 32        | 4.994       | 4.970        | 5.034      | VV       | 417            | 9475         | 0.36%          | 0.027%        |
| 33        | 5.049       | 5.034        | 5.081      | VV       | 206            | 4222         | 0.16%          | 0.012%        |
| 34        | 5.094       | 5.081        | 5.113      | VV       | 216            | 2923         | 0.11%          | 0.008%        |
| 35        | 5.158       | 5.113        | 5.176      | VV       | 310            | 6777         | 0.26%          | 0.019%        |
| 36        | 5.193       | 5.176        | 5.220      | VV       | 410            | 7730         | 0.29%          | 0.022%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.237 | 5.220 | 5.267 | VV | 888    | 11456 | 0.43% | 0.033% |
| 38 | 5.293 | 5.267 | 5.317 | VV | 656    | 10114 | 0.38% | 0.029% |
| 39 | 5.341 | 5.317 | 5.389 | VV | 508    | 12484 | 0.47% | 0.036% |
| 40 | 5.429 | 5.389 | 5.457 | VV | 647    | 15505 | 0.59% | 0.044% |
| 41 | 5.471 | 5.457 | 5.502 | VV | 445    | 8066  | 0.31% | 0.023% |
| 42 | 5.535 | 5.502 | 5.581 | VV | 524    | 16795 | 0.64% | 0.048% |
| 43 | 5.592 | 5.581 | 5.626 | VV | 428    | 8516  | 0.32% | 0.024% |
| 44 | 5.643 | 5.626 | 5.667 | VV | 862    | 12983 | 0.49% | 0.037% |
| 45 | 5.679 | 5.667 | 5.704 | VV | 828    | 9993  | 0.38% | 0.029% |
| 46 | 5.736 | 5.704 | 5.751 | VV | 389    | 6661  | 0.25% | 0.019% |
| 47 | 5.779 | 5.751 | 5.791 | VV | 382    | 6665  | 0.25% | 0.019% |
| 48 | 5.817 | 5.791 | 5.866 | VV | 421    | 14243 | 0.54% | 0.041% |
| 49 | 5.881 | 5.866 | 5.902 | VV | 234    | 4549  | 0.17% | 0.013% |
| 50 | 5.943 | 5.902 | 5.976 | VV | 507    | 12366 | 0.47% | 0.035% |
| 51 | 5.988 | 5.976 | 6.024 | VV | 198    | 3268  | 0.12% | 0.009% |
| 52 | 6.038 | 6.024 | 6.074 | VV | 168    | 2882  | 0.11% | 0.008% |
| 53 | 6.090 | 6.074 | 6.116 | PV | 184    | 2264  | 0.09% | 0.006% |
| 54 | 6.138 | 6.116 | 6.157 | VV | 228    | 3473  | 0.13% | 0.010% |
| 55 | 6.178 | 6.157 | 6.217 | VV | 218    | 5640  | 0.21% | 0.016% |
| 56 | 6.232 | 6.217 | 6.259 | VV | 212    | 3497  | 0.13% | 0.010% |
| 57 | 6.279 | 6.259 | 6.316 | VV | 273    | 6414  | 0.24% | 0.018% |
| 58 | 6.337 | 6.316 | 6.382 | VV | 358    | 8546  | 0.32% | 0.024% |
| 59 | 6.389 | 6.382 | 6.410 | VV | 163    | 1999  | 0.08% | 0.006% |
| 60 | 6.425 | 6.410 | 6.455 | VV | 164    | 2921  | 0.11% | 0.008% |
| 61 | 6.465 | 6.455 | 6.491 | VV | 121    | 2364  | 0.09% | 0.007% |
| 62 | 6.510 | 6.491 | 6.542 | VV | 245    | 4766  | 0.18% | 0.014% |
| 63 | 6.555 | 6.542 | 6.588 | VV | 207    | 3424  | 0.13% | 0.010% |
| 64 | 6.616 | 6.588 | 6.682 | VV | 3513   | 51600 | 1.95% | 0.148% |
| 65 | 6.687 | 6.682 | 6.717 | VV | 243    | 3829  | 0.14% | 0.011% |
| 66 | 6.726 | 6.717 | 6.736 | VV | 177    | 1754  | 0.07% | 0.005% |
| 67 | 6.762 | 6.736 | 6.799 | VV | 688    | 10250 | 0.39% | 0.029% |
| 68 | 6.806 | 6.799 | 6.856 | VV | 191    | 4087  | 0.15% | 0.012% |
| 69 | 6.890 | 6.856 | 6.924 | PV | 189    | 4033  | 0.15% | 0.012% |
| 70 | 6.944 | 6.924 | 6.957 | VV | 195    | 2724  | 0.10% | 0.008% |
| 71 | 6.981 | 6.957 | 7.035 | VV | 246    | 6286  | 0.24% | 0.018% |
| 72 | 7.061 | 7.035 | 7.090 | VV | 323    | 5749  | 0.22% | 0.016% |
| 73 | 7.126 | 7.090 | 7.161 | VV | 451    | 9014  | 0.34% | 0.026% |
| 74 | 7.174 | 7.161 | 7.197 | VV | 260    | 3502  | 0.13% | 0.010% |
| 75 | 7.215 | 7.197 | 7.261 | VV | 236    | 5026  | 0.19% | 0.014% |
| 76 | 7.273 | 7.261 | 7.293 | VV | 188    | 2360  | 0.09% | 0.007% |
| 77 | 7.312 | 7.293 | 7.329 | VV | 511    | 5796  | 0.22% | 0.017% |
| 78 | 7.338 | 7.329 | 7.359 | VV | 337    | 3676  | 0.14% | 0.011% |
| 79 | 7.392 | 7.359 | 7.411 | VV | 702    | 9847  | 0.37% | 0.028% |
| 80 | 7.421 | 7.411 | 7.457 | VV | 270    | 5931  | 0.22% | 0.017% |
| 81 | 7.469 | 7.457 | 7.492 | VV | 307    | 4253  | 0.16% | 0.012% |
| 82 | 7.534 | 7.492 | 7.577 | VV | 1096   | 20087 | 0.76% | 0.058% |
| 83 | 7.600 | 7.577 | 7.639 | VV | 483    | 8924  | 0.34% | 0.026% |
| 84 | 7.677 | 7.639 | 7.693 | VV | 560    | 8169  | 0.31% | 0.023% |
| 85 | 7.705 | 7.693 | 7.729 | VV | 398    | 5386  | 0.20% | 0.015% |
| 86 | 7.751 | 7.729 | 7.771 | VV | 471    | 5850  | 0.22% | 0.017% |
| 87 | 7.793 | 7.771 | 7.821 | VV | 543    | 7093  | 0.27% | 0.020% |
| 88 | 7.843 | 7.821 | 7.864 | PV | 351    | 5833  | 0.22% | 0.017% |
| 89 | 7.884 | 7.864 | 7.921 | VV | 454    | 9551  | 0.36% | 0.027% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 90  | 7.937  | 7.921  | 7.946  | VV | 245    | 2545   | 0.10%  | 0.007% |
| 91  | 7.983  | 7.946  | 7.996  | VV | 394    | 7762   | 0.29%  | 0.022% |
| 92  | 8.009  | 7.996  | 8.039  | VV | 381    | 5684   | 0.22%  | 0.016% |
| 93  | 8.051  | 8.039  | 8.076  | VV | 278    | 3567   | 0.13%  | 0.010% |
| 94  | 8.096  | 8.076  | 8.124  | VV | 481    | 7046   | 0.27%  | 0.020% |
| 95  | 8.153  | 8.124  | 8.204  | VV | 1584   | 20431  | 0.77%  | 0.059% |
| 96  | 8.221  | 8.204  | 8.242  | VV | 985    | 10171  | 0.38%  | 0.029% |
| 97  | 8.253  | 8.242  | 8.271  | VV | 325    | 3862   | 0.15%  | 0.011% |
| 98  | 8.282  | 8.271  | 8.294  | VV | 309    | 3618   | 0.14%  | 0.010% |
| 99  | 8.310  | 8.294  | 8.332  | VV | 754    | 10714  | 0.41%  | 0.031% |
| 100 | 8.357  | 8.332  | 8.376  | VV | 327    | 6943   | 0.26%  | 0.020% |
| 101 | 8.399  | 8.376  | 8.434  | VV | 4578   | 59432  | 2.25%  | 0.170% |
| 102 | 8.446  | 8.434  | 8.477  | VV | 553    | 7496   | 0.28%  | 0.021% |
| 103 | 8.503  | 8.477  | 8.558  | VV | 350    | 11734  | 0.44%  | 0.034% |
| 104 | 8.577  | 8.558  | 8.615  | VV | 487    | 9706   | 0.37%  | 0.028% |
| 105 | 8.628  | 8.615  | 8.661  | VV | 282    | 4646   | 0.18%  | 0.013% |
| 106 | 8.679  | 8.661  | 8.714  | VV | 336    | 5846   | 0.22%  | 0.017% |
| 107 | 8.868  | 8.861  | 8.908  | VV | 1510   | 33224  | 1.26%  | 0.095% |
| 108 | 8.932  | 8.908  | 8.969  | VV | 2733   | 49453  | 1.87%  | 0.142% |
| 109 | 8.984  | 8.969  | 9.002  | VV | 821    | 12451  | 0.47%  | 0.036% |
| 110 | 9.021  | 9.002  | 9.039  | VV | 673    | 11105  | 0.42%  | 0.032% |
| 111 | 9.080  | 9.039  | 9.099  | VV | 573    | 15219  | 0.58%  | 0.044% |
| 112 | 9.151  | 9.099  | 9.187  | VV | 883    | 30353  | 1.15%  | 0.087% |
| 113 | 9.218  | 9.187  | 9.267  | VV | 5014   | 77328  | 2.93%  | 0.221% |
| 114 | 9.302  | 9.267  | 9.333  | VV | 604    | 13082  | 0.49%  | 0.037% |
| 115 | 9.346  | 9.333  | 9.409  | VV | 267    | 6273   | 0.24%  | 0.018% |
| 116 | 9.452  | 9.409  | 9.482  | VV | 411    | 10967  | 0.41%  | 0.031% |
| 117 | 9.513  | 9.482  | 9.532  | VV | 601    | 9761   | 0.37%  | 0.028% |
| 118 | 9.546  | 9.532  | 9.559  | VV | 326    | 3932   | 0.15%  | 0.011% |
| 119 | 9.593  | 9.559  | 9.616  | VV | 2001   | 35518  | 1.34%  | 0.102% |
| 120 | 9.626  | 9.616  | 9.649  | VV | 871    | 14743  | 0.56%  | 0.042% |
| 121 | 9.673  | 9.649  | 9.695  | VV | 1079   | 19358  | 0.73%  | 0.055% |
| 122 | 9.721  | 9.695  | 9.742  | VV | 1206   | 21615  | 0.82%  | 0.062% |
| 123 | 9.749  | 9.742  | 9.761  | VV | 749    | 7208   | 0.27%  | 0.021% |
| 124 | 9.772  | 9.761  | 9.802  | VV | 1447   | 16643  | 0.63%  | 0.048% |
| 125 | 9.833  | 9.802  | 9.876  | VV | 215    | 4982   | 0.19%  | 0.014% |
| 126 | 9.912  | 9.876  | 9.927  | PV | 752    | 11388  | 0.43%  | 0.033% |
| 127 | 9.950  | 9.927  | 9.966  | VV | 1126   | 19441  | 0.74%  | 0.056% |
| 128 | 9.991  | 9.966  | 10.042 | VV | 11721  | 152465 | 5.77%  | 0.437% |
| 129 | 10.055 | 10.042 | 10.069 | VV | 1004   | 11842  | 0.45%  | 0.034% |
| 130 | 10.087 | 10.069 | 10.144 | VV | 842    | 21825  | 0.83%  | 0.063% |
| 131 | 10.170 | 10.144 | 10.186 | PV | 388    | 6316   | 0.24%  | 0.018% |
| 132 | 10.216 | 10.186 | 10.256 | VV | 533    | 17130  | 0.65%  | 0.049% |
| 133 | 10.269 | 10.256 | 10.297 | VV | 646    | 8800   | 0.33%  | 0.025% |
| 134 | 10.337 | 10.297 | 10.348 | VV | 1731   | 26329  | 1.00%  | 0.075% |
| 135 | 10.378 | 10.348 | 10.406 | VV | 9439   | 132989 | 5.03%  | 0.381% |
| 136 | 10.427 | 10.406 | 10.449 | VV | 1625   | 27747  | 1.05%  | 0.079% |
| 137 | 10.467 | 10.449 | 10.496 | VV | 2238   | 35525  | 1.34%  | 0.102% |
| 138 | 10.522 | 10.496 | 10.556 | VV | 2445   | 41525  | 1.57%  | 0.119% |
| 139 | 10.580 | 10.556 | 10.592 | VV | 426    | 6961   | 0.26%  | 0.020% |
| 140 | 10.657 | 10.592 | 10.691 | VV | 1723   | 47601  | 1.80%  | 0.136% |
| 141 | 10.727 | 10.691 | 10.767 | VV | 21570  | 293061 | 11.09% | 0.839% |

|     |        |        |        |    | rteres |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 10.796 | 10.767 | 10.827 | VV | 14224  | 224979  | 8.51%   | 0.644% |
| 143 | 10.843 | 10.827 | 10.878 | VV | 1874   | 41940   | 1.59%   | 0.120% |
| 144 | 10.914 | 10.878 | 10.927 | VV | 1277   | 30495   | 1.15%   | 0.087% |
| 145 | 10.935 | 10.927 | 10.954 | VV | 1235   | 16405   | 0.62%   | 0.047% |
| 146 | 10.982 | 10.954 | 10.996 | VV | 1772   | 31979   | 1.21%   | 0.092% |
| 147 | 11.007 | 10.996 | 11.024 | VV | 1465   | 20821   | 0.79%   | 0.060% |
| 148 | 11.049 | 11.024 | 11.082 | VV | 3488   | 90612   | 3.43%   | 0.260% |
| 149 | 11.120 | 11.082 | 11.158 | VV | 6108   | 152156  | 5.76%   | 0.436% |
| 150 | 11.178 | 11.158 | 11.201 | VV | 3746   | 59219   | 2.24%   | 0.170% |
| 151 | 11.231 | 11.201 | 11.268 | VV | 3748   | 85919   | 3.25%   | 0.246% |
| 152 | 11.286 | 11.268 | 11.310 | VV | 1845   | 40396   | 1.53%   | 0.116% |
| 153 | 11.359 | 11.310 | 11.388 | VV | 3720   | 105945  | 4.01%   | 0.303% |
| 154 | 11.425 | 11.388 | 11.484 | VV | 33554  | 506597  | 19.17%  | 1.451% |
| 155 | 11.515 | 11.484 | 11.557 | VV | 16153  | 293723  | 11.11%  | 0.841% |
| 156 | 11.581 | 11.557 | 11.609 | VV | 2701   | 68091   | 2.58%   | 0.195% |
| 157 | 11.626 | 11.609 | 11.649 | VV | 2185   | 45260   | 1.71%   | 0.130% |
| 158 | 11.718 | 11.649 | 11.766 | VV | 6082   | 253508  | 9.59%   | 0.726% |
| 159 | 11.781 | 11.766 | 11.799 | VV | 3553   | 62342   | 2.36%   | 0.179% |
| 160 | 11.822 | 11.799 | 11.844 | VV | 6484   | 131197  | 4.96%   | 0.376% |
| 161 | 11.857 | 11.844 | 11.887 | VV | 5318   | 97236   | 3.68%   | 0.278% |
| 162 | 11.909 | 11.887 | 11.929 | VV | 5334   | 95171   | 3.60%   | 0.273% |
| 163 | 11.944 | 11.929 | 11.962 | VV | 3710   | 62179   | 2.35%   | 0.178% |
| 164 | 11.978 | 11.962 | 12.004 | VV | 3798   | 83581   | 3.16%   | 0.239% |
| 165 | 12.016 | 12.004 | 12.024 | VV | 3239   | 37951   | 1.44%   | 0.109% |
| 166 | 12.092 | 12.024 | 12.127 | VV | 40433  | 737301  | 27.90%  | 2.112% |
| 167 | 12.138 | 12.127 | 12.186 | VV | 4814   | 147405  | 5.58%   | 0.422% |
| 168 | 12.200 | 12.186 | 12.212 | VV | 4588   | 67452   | 2.55%   | 0.193% |
| 169 | 12.227 | 12.212 | 12.267 | VV | 4733   | 128798  | 4.87%   | 0.369% |
| 170 | 12.291 | 12.267 | 12.304 | VV | 4373   | 81390   | 3.08%   | 0.233% |
| 171 | 12.319 | 12.304 | 12.337 | VV | 4287   | 76932   | 2.91%   | 0.220% |
| 172 | 12.366 | 12.337 | 12.415 | VV | 8154   | 265511  | 10.05%  | 0.760% |
| 173 | 12.431 | 12.415 | 12.447 | VV | 5025   | 84460   | 3.20%   | 0.242% |
| 174 | 12.473 | 12.447 | 12.482 | VV | 6127   | 111313  | 4.21%   | 0.319% |
| 175 | 12.505 | 12.482 | 12.541 | VV | 10098  | 227466  | 8.61%   | 0.651% |
| 176 | 12.555 | 12.541 | 12.575 | VV | 6795   | 112591  | 4.26%   | 0.322% |
| 177 | 12.598 | 12.575 | 12.629 | VV | 5051   | 145250  | 5.50%   | 0.416% |
| 178 | 12.651 | 12.629 | 12.682 | VV | 6526   | 171949  | 6.51%   | 0.492% |
| 179 | 12.696 | 12.682 | 12.704 | VV | 5705   | 67696   | 2.56%   | 0.194% |
| 180 | 12.729 | 12.704 | 12.777 | VV | 38330  | 621920  | 23.53%  | 1.781% |
| 181 | 12.792 | 12.777 | 12.813 | VV | 7211   | 125444  | 4.75%   | 0.359% |
| 182 | 12.872 | 12.813 | 12.934 | VV | 6630   | 359657  | 13.61%  | 1.030% |
| 183 | 12.952 | 12.934 | 12.960 | VV | 4877   | 69197   | 2.62%   | 0.198% |
| 184 | 12.982 | 12.960 | 13.039 | VV | 8763   | 311956  | 11.80%  | 0.893% |
| 185 | 13.052 | 13.039 | 13.069 | VV | 6279   | 95525   | 3.61%   | 0.274% |
| 186 | 13.091 | 13.069 | 13.106 | VV | 7368   | 130498  | 4.94%   | 0.374% |
| 187 | 13.123 | 13.106 | 13.136 | VV | 9022   | 132910  | 5.03%   | 0.381% |
| 188 | 13.177 | 13.136 | 13.207 | VV | 202817 | 2642862 | 100.00% | 7.569% |
| 189 | 13.223 | 13.207 | 13.257 | VV | 11556  | 251308  | 9.51%   | 0.720% |
| 190 | 13.277 | 13.257 | 13.307 | VV | 6104   | 170902  | 6.47%   | 0.489% |
| 191 | 13.338 | 13.307 | 13.367 | VV | 26715  | 439762  | 16.64%  | 1.259% |
| 192 | 13.387 | 13.367 | 13.434 | VV | 6978   | 256278  | 9.70%   | 0.734% |
| 193 | 13.443 | 13.434 | 13.471 | VV | 6210   | 122745  | 4.64%   | 0.352% |
| 194 | 13.477 | 13.471 | 13.487 | VV | 5281   | 50116   | 1.90%   | 0.144% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 195 | 13.508 | 13.487 | 13.535 | VV | 5871   | 148166 | 5.61%  | 0.424% |
| 196 | 13.568 | 13.535 | 13.602 | VV | 11482  | 331836 | 12.56% | 0.950% |
| 197 | 13.615 | 13.602 | 13.632 | VV | 7922   | 128074 | 4.85%  | 0.367% |
| 198 | 13.648 | 13.632 | 13.666 | VV | 6841   | 128448 | 4.86%  | 0.368% |
| 199 | 13.685 | 13.666 | 13.700 | VV | 7362   | 138887 | 5.26%  | 0.398% |
| 200 | 13.716 | 13.700 | 13.747 | VV | 8006   | 202300 | 7.65%  | 0.579% |
| 201 | 13.764 | 13.747 | 13.801 | VV | 11332  | 256976 | 9.72%  | 0.736% |
| 202 | 13.826 | 13.801 | 13.876 | VV | 7419   | 274538 | 10.39% | 0.786% |
| 203 | 13.921 | 13.876 | 13.964 | VV | 17868  | 462294 | 17.49% | 1.324% |
| 204 | 13.981 | 13.964 | 13.995 | VV | 8054   | 140105 | 5.30%  | 0.401% |
| 205 | 14.009 | 13.995 | 14.029 | VV | 8055   | 142728 | 5.40%  | 0.409% |
| 206 | 14.037 | 14.029 | 14.056 | VV | 5917   | 88131  | 3.33%  | 0.252% |
| 207 | 14.073 | 14.056 | 14.094 | VV | 6448   | 130360 | 4.93%  | 0.373% |
| 208 | 14.147 | 14.094 | 14.197 | VV | 11351  | 478455 | 18.10% | 1.370% |
| 209 | 14.216 | 14.197 | 14.237 | VV | 7777   | 168327 | 6.37%  | 0.482% |
| 210 | 14.254 | 14.237 | 14.267 | VV | 7283   | 114058 | 4.32%  | 0.327% |
| 211 | 14.286 | 14.267 | 14.304 | VV | 7738   | 155503 | 5.88%  | 0.445% |
| 212 | 14.317 | 14.304 | 14.337 | VV | 8256   | 155052 | 5.87%  | 0.444% |
| 213 | 14.354 | 14.337 | 14.374 | VV | 9491   | 176886 | 6.69%  | 0.507% |
| 214 | 14.390 | 14.374 | 14.429 | VV | 6486   | 194372 | 7.35%  | 0.557% |
| 215 | 14.450 | 14.429 | 14.462 | VV | 7399   | 121549 | 4.60%  | 0.348% |
| 216 | 14.482 | 14.462 | 14.521 | VV | 12898  | 264556 | 10.01% | 0.758% |
| 217 | 14.555 | 14.521 | 14.594 | VV | 7799   | 301947 | 11.43% | 0.865% |
| 218 | 14.603 | 14.594 | 14.657 | VV | 7815   | 229524 | 8.68%  | 0.657% |
| 219 | 14.687 | 14.657 | 14.737 | VV | 8486   | 315191 | 11.93% | 0.903% |
| 220 | 14.761 | 14.737 | 14.787 | VV | 7768   | 194859 | 7.37%  | 0.558% |
| 221 | 14.797 | 14.787 | 14.812 | VV | 6051   | 85813  | 3.25%  | 0.246% |
| 222 | 14.829 | 14.812 | 14.847 | VV | 6069   | 118814 | 4.50%  | 0.340% |
| 223 | 14.876 | 14.847 | 14.896 | VV | 7163   | 175427 | 6.64%  | 0.502% |
| 224 | 14.914 | 14.896 | 14.939 | VV | 7363   | 155721 | 5.89%  | 0.446% |
| 225 | 14.953 | 14.939 | 14.991 | VV | 5515   | 152509 | 5.77%  | 0.437% |
| 226 | 15.019 | 14.991 | 15.052 | VV | 9732   | 237112 | 8.97%  | 0.679% |
| 227 | 15.079 | 15.052 | 15.090 | VV | 6137   | 130831 | 4.95%  | 0.375% |
| 228 | 15.102 | 15.090 | 15.119 | VV | 6389   | 97046  | 3.67%  | 0.278% |
| 229 | 15.133 | 15.119 | 15.147 | VV | 5433   | 84675  | 3.20%  | 0.243% |
| 230 | 15.168 | 15.147 | 15.191 | VV | 5242   | 122722 | 4.64%  | 0.351% |
| 231 | 15.216 | 15.191 | 15.243 | VV | 7018   | 182961 | 6.92%  | 0.524% |
| 232 | 15.266 | 15.243 | 15.281 | VV | 6116   | 127373 | 4.82%  | 0.365% |
| 233 | 15.290 | 15.281 | 15.314 | VV | 5623   | 101317 | 3.83%  | 0.290% |
| 234 | 15.358 | 15.314 | 15.382 | VV | 5788   | 203352 | 7.69%  | 0.582% |
| 235 | 15.406 | 15.382 | 15.427 | VV | 5404   | 127472 | 4.82%  | 0.365% |
| 236 | 15.448 | 15.427 | 15.507 | VV | 5258   | 220423 | 8.34%  | 0.631% |
| 237 | 15.540 | 15.507 | 15.629 | VV | 7504   | 396001 | 14.98% | 1.134% |
| 238 | 15.648 | 15.629 | 15.672 | VV | 4342   | 103143 | 3.90%  | 0.295% |
| 239 | 15.677 | 15.672 | 15.684 | VV | 4329   | 25923  | 0.98%  | 0.074% |
| 240 | 15.715 | 15.684 | 15.749 | VV | 5902   | 179153 | 6.78%  | 0.513% |
| 241 | 15.759 | 15.749 | 15.795 | VV | 4616   | 122262 | 4.63%  | 0.350% |
| 242 | 15.804 | 15.795 | 15.812 | VV | 4352   | 42322  | 1.60%  | 0.121% |
| 243 | 15.852 | 15.812 | 15.877 | VV | 5261   | 181091 | 6.85%  | 0.519% |
| 244 | 15.889 | 15.877 | 15.903 | VV | 4263   | 61179  | 2.31%  | 0.175% |
| 245 | 15.922 | 15.903 | 15.952 | VV | 4907   | 117839 | 4.46%  | 0.337% |
| 246 | 15.970 | 15.952 | 16.006 | VV | 4021   | 119299 | 4.51%  | 0.342% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 247 | 16.038 | 16.006 | 16.059 | VV | 6573   | 155634 | 5.89%  | 0.446% |
| 248 | 16.076 | 16.059 | 16.115 | VV | 5155   | 140526 | 5.32%  | 0.402% |
| 249 | 16.135 | 16.115 | 16.154 | VV | 3799   | 78337  | 2.96%  | 0.224% |
| 250 | 16.161 | 16.154 | 16.181 | VV | 3398   | 49868  | 1.89%  | 0.143% |
|     |        |        |        |    |        |        |        |        |
| 251 | 16.205 | 16.181 | 16.217 | VV | 4969   | 89597  | 3.39%  | 0.257% |
| 252 | 16.243 | 16.217 | 16.301 | VV | 5546   | 218788 | 8.28%  | 0.627% |
| 253 | 16.341 | 16.301 | 16.392 | VV | 5446   | 235451 | 8.91%  | 0.674% |
| 254 | 16.413 | 16.392 | 16.450 | VV | 4519   | 131995 | 4.99%  | 0.378% |
| 255 | 16.464 | 16.450 | 16.486 | VV | 3562   | 66991  | 2.53%  | 0.192% |
|     |        |        |        |    |        |        |        |        |
| 256 | 16.518 | 16.486 | 16.540 | VV | 6349   | 148878 | 5.63%  | 0.426% |
| 257 | 16.551 | 16.540 | 16.574 | VV | 4122   | 72469  | 2.74%  | 0.208% |
| 258 | 16.588 | 16.574 | 16.606 | VV | 3098   | 55452  | 2.10%  | 0.159% |
| 259 | 16.619 | 16.606 | 16.630 | VV | 3680   | 48877  | 1.85%  | 0.140% |
| 260 | 16.675 | 16.630 | 16.714 | VV | 5660   | 225028 | 8.51%  | 0.644% |
|     |        |        |        |    |        |        |        |        |
| 261 | 16.730 | 16.714 | 16.782 | VV | 4718   | 164429 | 6.22%  | 0.471% |
| 262 | 16.798 | 16.782 | 16.817 | VV | 3978   | 75768  | 2.87%  | 0.217% |
| 263 | 16.856 | 16.817 | 16.925 | VV | 4516   | 206677 | 7.82%  | 0.592% |
| 264 | 16.984 | 16.925 | 17.005 | VV | 8345   | 220940 | 8.36%  | 0.633% |
| 265 | 17.025 | 17.005 | 17.048 | VV | 8008   | 149384 | 5.65%  | 0.428% |
|     |        |        |        |    |        |        |        |        |
| 266 | 17.063 | 17.048 | 17.082 | VV | 5148   | 86787  | 3.28%  | 0.249% |
| 267 | 17.102 | 17.082 | 17.112 | VV | 4162   | 65864  | 2.49%  | 0.189% |
| 268 | 17.131 | 17.112 | 17.152 | VV | 4195   | 89659  | 3.39%  | 0.257% |
| 269 | 17.187 | 17.152 | 17.207 | VV | 5085   | 143807 | 5.44%  | 0.412% |
| 270 | 17.226 | 17.207 | 17.244 | VV | 4827   | 98863  | 3.74%  | 0.283% |
|     |        |        |        |    |        |        |        |        |
| 271 | 17.252 | 17.244 | 17.279 | VV | 4538   | 81345  | 3.08%  | 0.233% |
| 272 | 17.315 | 17.279 | 17.342 | VV | 3786   | 132944 | 5.03%  | 0.381% |
| 273 | 17.362 | 17.342 | 17.376 | VV | 3703   | 65869  | 2.49%  | 0.189% |
| 274 | 17.395 | 17.376 | 17.405 | VV | 3629   | 60124  | 2.27%  | 0.172% |
| 275 | 17.429 | 17.405 | 17.459 | VV | 10758  | 199434 | 7.55%  | 0.571% |
|     |        |        |        |    |        |        |        |        |
| 276 | 17.488 | 17.459 | 17.502 | VV | 4532   | 95418  | 3.61%  | 0.273% |
| 277 | 17.524 | 17.502 | 17.543 | VV | 4739   | 94928  | 3.59%  | 0.272% |
| 278 | 17.571 | 17.543 | 17.606 | VV | 5537   | 150197 | 5.68%  | 0.430% |
| 279 | 17.619 | 17.606 | 17.639 | VV | 3361   | 53393  | 2.02%  | 0.153% |
| 280 | 17.657 | 17.639 | 17.675 | VV | 3822   | 63795  | 2.41%  | 0.183% |
|     |        |        |        |    |        |        |        |        |
| 281 | 17.696 | 17.675 | 17.708 | VV | 2526   | 43664  | 1.65%  | 0.125% |
| 282 | 17.726 | 17.708 | 17.746 | VV | 2550   | 53716  | 2.03%  | 0.154% |
| 283 | 17.758 | 17.746 | 17.771 | VV | 2526   | 35383  | 1.34%  | 0.101% |
| 284 | 17.791 | 17.771 | 17.822 | VV | 4650   | 104953 | 3.97%  | 0.301% |
| 285 | 17.865 | 17.822 | 17.921 | VV | 10218  | 288993 | 10.93% | 0.828% |
|     |        |        |        |    |        |        |        |        |
| 286 | 17.934 | 17.921 | 17.955 | VV | 2395   | 42829  | 1.62%  | 0.123% |
| 287 | 17.972 | 17.955 | 17.986 | VV | 2036   | 33336  | 1.26%  | 0.095% |
| 288 | 18.039 | 17.986 | 18.106 | VV | 12215  | 335916 | 12.71% | 0.962% |
| 289 | 18.120 | 18.106 | 18.156 | VV | 2103   | 55817  | 2.11%  | 0.160% |
| 290 | 18.232 | 18.156 | 18.265 | VV | 3214   | 149856 | 5.67%  | 0.429% |
|     |        |        |        |    |        |        |        |        |
| 291 | 18.286 | 18.265 | 18.314 | VV | 5846   | 93406  | 3.53%  | 0.268% |
| 292 | 18.320 | 18.314 | 18.336 | VV | 1147   | 12701  | 0.48%  | 0.036% |
| 293 | 18.404 | 18.336 | 18.429 | VV | 9994   | 191089 | 7.23%  | 0.547% |
| 294 | 18.437 | 18.429 | 18.462 | VV | 2769   | 37394  | 1.41%  | 0.107% |
| 295 | 18.472 | 18.462 | 18.496 | VV | 1734   | 24330  | 0.92%  | 0.070% |
|     |        |        |        |    |        |        |        |        |
| 296 | 18.507 | 18.496 | 18.526 | VV | 1373   | 21171  | 0.80%  | 0.061% |
| 297 | 18.556 | 18.526 | 18.647 | VV | 1923   | 97318  | 3.68%  | 0.279% |
| 298 | 18.692 | 18.647 | 18.723 | VV | 3794   | 87922  | 3.33%  | 0.252% |
| 299 | 18.735 | 18.723 | 18.766 | VV | 1187   | 26415  | 1.00%  | 0.076% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 300 | 18.775 | 18.766 | 18.784 | VV | 1376   | 11437  | 0.43%  | 0.033% |
| 301 | 18.823 | 18.784 | 18.847 | VV | 6637   | 112908 | 4.27%  | 0.323% |
| 302 | 18.872 | 18.847 | 18.902 | VV | 5726   | 99829  | 3.78%  | 0.286% |
| 303 | 18.913 | 18.902 | 18.931 | VV | 1289   | 19830  | 0.75%  | 0.057% |
| 304 | 18.959 | 18.931 | 18.979 | VV | 1791   | 44344  | 1.68%  | 0.127% |
| 305 | 19.008 | 18.979 | 19.025 | VV | 2094   | 43396  | 1.64%  | 0.124% |
| 306 | 19.046 | 19.025 | 19.064 | VV | 2005   | 33797  | 1.28%  | 0.097% |
| 307 | 19.087 | 19.064 | 19.125 | VV | 2948   | 72646  | 2.75%  | 0.208% |
| 308 | 19.152 | 19.125 | 19.193 | VV | 4795   | 98438  | 3.72%  | 0.282% |
| 309 | 19.219 | 19.193 | 19.242 | VV | 4052   | 72953  | 2.76%  | 0.209% |
| 310 | 19.270 | 19.242 | 19.294 | VV | 2050   | 52538  | 1.99%  | 0.150% |
| 311 | 19.321 | 19.294 | 19.351 | VV | 2143   | 61474  | 2.33%  | 0.176% |
| 312 | 19.377 | 19.351 | 19.388 | VV | 2183   | 40657  | 1.54%  | 0.116% |
| 313 | 19.401 | 19.388 | 19.411 | VV | 2107   | 24077  | 0.91%  | 0.069% |
| 314 | 19.422 | 19.411 | 19.446 | VV | 2117   | 40391  | 1.53%  | 0.116% |
| 315 | 19.473 | 19.446 | 19.509 | VV | 3960   | 113222 | 4.28%  | 0.324% |
| 316 | 19.528 | 19.509 | 19.561 | VV | 4450   | 103496 | 3.92%  | 0.296% |
| 317 | 19.574 | 19.561 | 19.582 | VV | 2666   | 29171  | 1.10%  | 0.084% |
| 318 | 19.623 | 19.582 | 19.647 | VV | 4277   | 117924 | 4.46%  | 0.338% |
| 319 | 19.659 | 19.647 | 19.671 | VV | 3078   | 38454  | 1.46%  | 0.110% |
| 320 | 19.687 | 19.671 | 19.696 | VV | 2970   | 39039  | 1.48%  | 0.112% |
| 321 | 19.716 | 19.696 | 19.727 | VV | 3389   | 56943  | 2.15%  | 0.163% |
| 322 | 19.752 | 19.727 | 19.771 | VV | 3830   | 90770  | 3.43%  | 0.260% |
| 323 | 19.780 | 19.771 | 19.796 | VV | 3623   | 50605  | 1.91%  | 0.145% |
| 324 | 19.806 | 19.796 | 19.815 | VV | 3446   | 36395  | 1.38%  | 0.104% |
| 325 | 19.847 | 19.815 | 19.872 | VV | 4791   | 141742 | 5.36%  | 0.406% |
| 326 | 19.881 | 19.872 | 19.892 | VV | 4576   | 53078  | 2.01%  | 0.152% |
| 327 | 19.918 | 19.892 | 19.946 | VV | 5383   | 146690 | 5.55%  | 0.420% |
| 328 | 19.957 | 19.946 | 19.972 | VV | 4094   | 59847  | 2.26%  | 0.171% |
| 329 | 19.988 | 19.972 | 20.004 | VV | 4545   | 76364  | 2.89%  | 0.219% |
| 330 | 20.031 | 20.004 | 20.062 | VV | 5862   | 166315 | 6.29%  | 0.476% |
| 331 | 20.116 | 20.062 | 20.132 | VV | 5853   | 209276 | 7.92%  | 0.599% |
| 332 | 20.174 | 20.132 | 20.182 | VV | 5925   | 164114 | 6.21%  | 0.470% |
| 333 | 20.211 | 20.182 | 20.247 | VV | 6592   | 228462 | 8.64%  | 0.654% |
| 334 | 20.260 | 20.247 | 20.274 | VV | 6503   | 97105  | 3.67%  | 0.278% |
| 335 | 20.298 | 20.274 | 20.337 | VV | 7775   | 256768 | 9.72%  | 0.735% |
| 336 | 20.396 | 20.337 | 20.414 | VV | 7280   | 304504 | 11.52% | 0.872% |
| 337 | 20.439 | 20.414 | 20.454 | VV | 7958   | 170979 | 6.47%  | 0.490% |
| 338 | 20.516 | 20.454 | 20.559 | VV | 8129   | 467226 | 17.68% | 1.338% |
| 339 | 20.573 | 20.559 | 20.608 | VV | 7158   | 196390 | 7.43%  | 0.562% |
| 340 | 20.627 | 20.608 | 20.644 | VV | 6625   | 134108 | 5.07%  | 0.384% |
| 341 | 20.664 | 20.644 | 20.676 | VV | 6581   | 119334 | 4.52%  | 0.342% |
| 342 | 20.710 | 20.676 | 20.754 | VV | 7224   | 310871 | 11.76% | 0.890% |
| 343 | 20.771 | 20.754 | 20.789 | VV | 6873   | 135976 | 5.15%  | 0.389% |
| 344 | 20.815 | 20.789 | 20.827 | VV | 6585   | 144253 | 5.46%  | 0.413% |
| 345 | 20.835 | 20.827 | 20.888 | VV | 6576   | 210653 | 7.97%  | 0.603% |
| 346 | 20.907 | 20.888 | 20.934 | VV | 5699   | 146875 | 5.56%  | 0.421% |
| 347 | 20.945 | 20.934 | 20.956 | VV | 5670   | 71884  | 2.72%  | 0.206% |
| 348 | 20.977 | 20.956 | 21.002 | VV | 5752   | 147532 | 5.58%  | 0.423% |
| 349 | 21.034 | 21.002 | 21.095 | VV | 4587   | 241400 | 9.13%  | 0.691% |
| 350 | 21.123 | 21.095 | 21.139 | VV | 4442   | 109253 | 4.13%  | 0.313% |
| 351 | 21.165 | 21.139 | 21.191 | VV | 4242   | 126556 | 4.79%  | 0.362% |

|     |        |        |        |    |                         |          |       |        |  |
|-----|--------|--------|--------|----|-------------------------|----------|-------|--------|--|
|     |        |        |        |    | rteres                  |          |       |        |  |
| 352 | 21.211 | 21.191 | 21.232 | VV | 3843                    | 88792    | 3.36% | 0.254% |  |
| 353 | 21.258 | 21.232 | 21.265 | VV | 3845                    | 70238    | 2.66% | 0.201% |  |
| 354 | 21.274 | 21.265 | 21.364 | VV | 3806                    | 198424   | 7.51% | 0.568% |  |
| 355 | 21.380 | 21.364 | 21.390 | VV | 3174                    | 44000    | 1.66% | 0.126% |  |
| 356 | 21.421 | 21.390 | 21.461 | VV | 3563                    | 127075   | 4.81% | 0.364% |  |
| 357 | 21.470 | 21.461 | 21.500 | VV | 2781                    | 57647    | 2.18% | 0.165% |  |
| 358 | 21.519 | 21.500 | 21.548 | VV | 2440                    | 63704    | 2.41% | 0.182% |  |
| 359 | 21.558 | 21.548 | 21.592 | VV | 2396                    | 55315    | 2.09% | 0.158% |  |
| 360 | 21.618 | 21.592 | 21.629 | VV | 1920                    | 39895    | 1.51% | 0.114% |  |
| 361 | 21.649 | 21.629 | 21.662 | VV | 1829                    | 34027    | 1.29% | 0.097% |  |
| 362 | 21.668 | 21.662 | 21.707 | VV | 1797                    | 42036    | 1.59% | 0.120% |  |
| 363 | 21.716 | 21.707 | 21.724 | VV | 1629                    | 14959    | 0.57% | 0.043% |  |
| 364 | 21.730 | 21.724 | 21.759 | VV | 1519                    | 27128    | 1.03% | 0.078% |  |
| 365 | 21.772 | 21.759 | 21.807 | VV | 1333                    | 33117    | 1.25% | 0.095% |  |
| 366 | 21.814 | 21.807 | 21.829 | VV | 1123                    | 11828    | 0.45% | 0.034% |  |
| 367 | 21.846 | 21.829 | 21.869 | VV | 895                     | 20117    | 0.76% | 0.058% |  |
| 368 | 21.877 | 21.869 | 21.894 | VV | 1083                    | 12647    | 0.48% | 0.036% |  |
| 369 | 21.927 | 21.894 | 21.974 | VV | 2013                    | 67195    | 2.54% | 0.192% |  |
| 370 | 21.980 | 21.974 | 22.002 | VV | 857                     | 9619     | 0.36% | 0.028% |  |
| 371 | 22.030 | 22.002 | 22.044 | VV | 426                     | 8580     | 0.32% | 0.025% |  |
|     |        |        |        |    | Sum of corrected areas: | 34917345 |       |        |  |

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