

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD052819AL\  
 Data File : FD029276.D  
 Signal(s) : FID2B.CH  
 Acq On : 28 May 2019 22:47  
 Sample : K3051-05DL 5X  
 Misc :  
 ALS Vial : 71 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 051619.M  
 Title : GC Extractables

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.460       | 3.355        | 3.548      | BV       | 91             | 3399         | 0.40%          | 0.009%        |
| 2         | 3.638       | 3.568        | 3.668      | PV       | 185            | 3783         | 0.44%          | 0.010%        |
| 3         | 3.711       | 3.668        | 3.721      | VV       | 228            | 2968         | 0.35%          | 0.008%        |
| 4         | 3.732       | 3.721        | 3.799      | VV       | 156            | 3527         | 0.41%          | 0.010%        |
| 5         | 3.814       | 3.799        | 3.886      | VV       | 127            | 4456         | 0.52%          | 0.012%        |
| 6         | 3.901       | 3.886        | 3.935      | VV       | 160            | 3284         | 0.38%          | 0.009%        |
| 7         | 3.951       | 3.935        | 4.008      | VV       | 159            | 3395         | 0.40%          | 0.009%        |
| 8         | 4.015       | 4.008        | 4.045      | VV       | 170            | 2046         | 0.24%          | 0.006%        |
| 9         | 4.076       | 4.045        | 4.105      | VV       | 539            | 6725         | 0.79%          | 0.019%        |
| 10        | 4.115       | 4.105        | 4.138      | VV       | 165            | 1770         | 0.21%          | 0.005%        |
| 11        | 4.165       | 4.138        | 4.205      | VV       | 155            | 3518         | 0.41%          | 0.010%        |
| 12        | 4.231       | 4.205        | 4.279      | PV       | 193            | 5303         | 0.62%          | 0.015%        |
| 13        | 4.299       | 4.279        | 4.352      | VV       | 190            | 5016         | 0.59%          | 0.014%        |
| 14        | 4.373       | 4.352        | 4.393      | VV       | 151            | 2711         | 0.32%          | 0.008%        |
| 15        | 4.439       | 4.393        | 4.449      | VV       | 240            | 4803         | 0.56%          | 0.013%        |
| 16        | 4.461       | 4.449        | 4.471      | VV       | 182            | 2291         | 0.27%          | 0.006%        |
| 17        | 4.479       | 4.471        | 4.486      | VV       | 250            | 1392         | 0.16%          | 0.004%        |
| 18        | 4.512       | 4.486        | 4.533      | VV       | 253            | 5580         | 0.65%          | 0.015%        |
| 19        | 4.542       | 4.533        | 4.565      | VV       | 276            | 3742         | 0.44%          | 0.010%        |
| 20        | 4.587       | 4.565        | 4.615      | VV       | 309            | 5025         | 0.59%          | 0.014%        |
| 21        | 4.644       | 4.615        | 4.732      | VV       | 232            | 9488         | 1.11%          | 0.026%        |
| 22        | 4.769       | 4.748        | 4.792      | VV       | 123            | 1970         | 0.23%          | 0.005%        |
| 23        | 4.798       | 4.792        | 4.848      | VV       | 132            | 2043         | 0.24%          | 0.006%        |
| 24        | 4.883       | 4.861        | 4.944      | VV       | 158            | 3429         | 0.40%          | 0.009%        |
| 25        | 4.987       | 4.944        | 5.034      | VV       | 186            | 3767         | 0.44%          | 0.010%        |
| 26        | 5.043       | 5.034        | 5.068      | VV       | 142            | 1639         | 0.19%          | 0.005%        |
| 27        | 5.078       | 5.068        | 5.086      | PV       | 137            | 1034         | 0.12%          | 0.003%        |
| 28        | 5.091       | 5.086        | 5.105      | VV       | 110            | 1044         | 0.12%          | 0.003%        |
| 29        | 5.124       | 5.105        | 5.138      | VV       | 148            | 1932         | 0.23%          | 0.005%        |
| 30        | 5.183       | 5.138        | 5.234      | VV       | 193            | 4772         | 0.56%          | 0.013%        |
| 31        | 5.245       | 5.234        | 5.328      | VV       | 127            | 4180         | 0.49%          | 0.012%        |
| 32        | 5.355       | 5.328        | 5.366      | VV       | 164            | 1889         | 0.22%          | 0.005%        |
| 33        | 5.393       | 5.366        | 5.409      | VV       | 122            | 2277         | 0.27%          | 0.006%        |
| 34        | 5.424       | 5.409        | 5.472      | VV       | 190            | 3366         | 0.39%          | 0.009%        |
| 35        | 5.477       | 5.472        | 5.505      | PV       | 110            | 1311         | 0.15%          | 0.004%        |
| 36        | 5.540       | 5.519        | 5.550      | VV       | 147            | 1659         | 0.19%          | 0.005%        |

|    |       |       |       |    | rteres |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
| 37 | 5.565 | 5.550 | 5.591 | VV | 182    | 2620  | 0.31% | 0.007% |
| 38 | 5.620 | 5.591 | 5.631 | VV | 188    | 2774  | 0.32% | 0.008% |
| 39 | 5.644 | 5.631 | 5.707 | VV | 171    | 4860  | 0.57% | 0.013% |
| 40 | 5.717 | 5.707 | 5.748 | VV | 186    | 2771  | 0.32% | 0.008% |
|    |       |       |       |    |        |       |       |        |
| 41 | 5.763 | 5.748 | 5.805 | VV | 120    | 3253  | 0.38% | 0.009% |
| 42 | 5.880 | 5.805 | 5.912 | VV | 215    | 7849  | 0.92% | 0.022% |
| 43 | 5.922 | 5.912 | 5.928 | VV | 190    | 1132  | 0.13% | 0.003% |
| 44 | 5.941 | 5.928 | 5.955 | VV | 200    | 2306  | 0.27% | 0.006% |
| 45 | 5.977 | 5.955 | 6.017 | VV | 187    | 4846  | 0.57% | 0.013% |
|    |       |       |       |    |        |       |       |        |
| 46 | 6.031 | 6.017 | 6.056 | VV | 198    | 3431  | 0.40% | 0.010% |
| 47 | 6.081 | 6.056 | 6.108 | VV | 322    | 6885  | 0.81% | 0.019% |
| 48 | 6.131 | 6.108 | 6.158 | VV | 308    | 6303  | 0.74% | 0.017% |
| 49 | 6.213 | 6.158 | 6.282 | VV | 413    | 17906 | 2.10% | 0.050% |
| 50 | 6.330 | 6.282 | 6.348 | VV | 285    | 6567  | 0.77% | 0.018% |
|    |       |       |       |    |        |       |       |        |
| 51 | 6.390 | 6.348 | 6.426 | VV | 417    | 9976  | 1.17% | 0.028% |
| 52 | 6.443 | 6.426 | 6.455 | VV | 272    | 3499  | 0.41% | 0.010% |
| 53 | 6.495 | 6.455 | 6.511 | VV | 284    | 6332  | 0.74% | 0.018% |
| 54 | 6.530 | 6.511 | 6.550 | VV | 324    | 4829  | 0.57% | 0.013% |
| 55 | 6.598 | 6.550 | 6.635 | VV | 373    | 7509  | 0.88% | 0.021% |
|    |       |       |       |    |        |       |       |        |
| 56 | 6.644 | 6.635 | 6.678 | VV | 301    | 3665  | 0.43% | 0.010% |
| 57 | 6.703 | 6.678 | 6.721 | VV | 531    | 6565  | 0.77% | 0.018% |
| 58 | 6.781 | 6.721 | 6.802 | PV | 263    | 8174  | 0.96% | 0.023% |
| 59 | 6.820 | 6.802 | 6.885 | VV | 392    | 10868 | 1.27% | 0.030% |
| 60 | 6.899 | 6.885 | 6.931 | VV | 326    | 5064  | 0.59% | 0.014% |
|    |       |       |       |    |        |       |       |        |
| 61 | 6.952 | 6.931 | 6.993 | VV | 272    | 5053  | 0.59% | 0.014% |
| 62 | 7.012 | 6.993 | 7.048 | VV | 659    | 13825 | 1.62% | 0.038% |
| 63 | 7.069 | 7.048 | 7.096 | VV | 426    | 9192  | 1.08% | 0.025% |
| 64 | 7.116 | 7.096 | 7.153 | VV | 484    | 10709 | 1.25% | 0.030% |
| 65 | 7.206 | 7.153 | 7.221 | VV | 1226   | 17462 | 2.04% | 0.048% |
|    |       |       |       |    |        |       |       |        |
| 66 | 7.231 | 7.221 | 7.251 | VV | 538    | 7508  | 0.88% | 0.021% |
| 67 | 7.264 | 7.251 | 7.282 | VV | 403    | 5295  | 0.62% | 0.015% |
| 68 | 7.315 | 7.282 | 7.345 | VV | 763    | 13755 | 1.61% | 0.038% |
| 69 | 7.358 | 7.345 | 7.371 | VV | 249    | 2173  | 0.25% | 0.006% |
| 70 | 7.397 | 7.371 | 7.435 | VV | 528    | 12992 | 1.52% | 0.036% |
|    |       |       |       |    |        |       |       |        |
| 71 | 7.444 | 7.435 | 7.460 | VV | 296    | 3768  | 0.44% | 0.010% |
| 72 | 7.479 | 7.460 | 7.548 | VV | 699    | 18182 | 2.13% | 0.050% |
| 73 | 7.570 | 7.548 | 7.582 | VV | 301    | 4802  | 0.56% | 0.013% |
| 74 | 7.622 | 7.582 | 7.637 | VV | 649    | 13646 | 1.60% | 0.038% |
| 75 | 7.652 | 7.637 | 7.673 | VV | 771    | 10143 | 1.19% | 0.028% |
|    |       |       |       |    |        |       |       |        |
| 76 | 7.835 | 7.793 | 7.878 | VV | 1200   | 43398 | 5.08% | 0.120% |
| 77 | 7.889 | 7.878 | 7.918 | VV | 763    | 14644 | 1.71% | 0.041% |
| 78 | 7.942 | 7.918 | 7.967 | VV | 797    | 16331 | 1.91% | 0.045% |
| 79 | 7.994 | 7.967 | 8.021 | VV | 831    | 20542 | 2.41% | 0.057% |
| 80 | 8.055 | 8.021 | 8.094 | VV | 790    | 27890 | 3.27% | 0.077% |
|    |       |       |       |    |        |       |       |        |
| 81 | 8.115 | 8.094 | 8.135 | VV | 2777   | 35072 | 4.11% | 0.097% |
| 82 | 8.148 | 8.135 | 8.158 | VV | 854    | 10102 | 1.18% | 0.028% |
| 83 | 8.176 | 8.158 | 8.192 | VV | 1194   | 18293 | 2.14% | 0.051% |
| 84 | 8.208 | 8.192 | 8.225 | VV | 1041   | 16257 | 1.90% | 0.045% |
| 85 | 8.254 | 8.225 | 8.275 | VV | 1265   | 28717 | 3.36% | 0.080% |
|    |       |       |       |    |        |       |       |        |
| 86 | 8.287 | 8.275 | 8.321 | VV | 1242   | 23872 | 2.80% | 0.066% |
| 87 | 8.355 | 8.321 | 8.382 | VV | 2679   | 48486 | 5.68% | 0.134% |
| 88 | 8.404 | 8.382 | 8.435 | VV | 1272   | 25883 | 3.03% | 0.072% |
| 89 | 8.464 | 8.435 | 8.474 | VV | 1065   | 17401 | 2.04% | 0.048% |

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|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 90  | 8.483  | 8.474  | 8.502  | VV | 1050   | 13582  | 1.59%  | 0.038% |
| 91  | 8.520  | 8.502  | 8.555  | VV | 1440   | 32765  | 3.84%  | 0.091% |
| 92  | 8.653  | 8.635  | 8.663  | VV | 1302   | 18503  | 2.17%  | 0.051% |
| 93  | 8.668  | 8.663  | 8.699  | VV | 1170   | 22742  | 2.66%  | 0.063% |
| 94  | 8.712  | 8.699  | 8.726  | VV | 1140   | 16370  | 1.92%  | 0.045% |
| 95  | 8.758  | 8.726  | 8.782  | VV | 1659   | 36370  | 4.26%  | 0.101% |
| 96  | 8.827  | 8.782  | 8.858  | VV | 3285   | 76847  | 9.00%  | 0.213% |
| 97  | 8.863  | 8.858  | 8.884  | VV | 997    | 13093  | 1.53%  | 0.036% |
| 98  | 8.913  | 8.884  | 8.925  | VV | 1640   | 29532  | 3.46%  | 0.082% |
| 99  | 8.942  | 8.925  | 8.959  | VV | 1893   | 32562  | 3.81%  | 0.090% |
| 100 | 8.977  | 8.959  | 8.995  | VV | 1943   | 33924  | 3.97%  | 0.094% |
| 101 | 9.013  | 8.995  | 9.028  | VV | 1754   | 29639  | 3.47%  | 0.082% |
| 102 | 9.061  | 9.028  | 9.076  | VV | 1460   | 35178  | 4.12%  | 0.097% |
| 103 | 9.092  | 9.076  | 9.115  | VV | 1243   | 25166  | 2.95%  | 0.070% |
| 104 | 9.131  | 9.115  | 9.182  | VV | 1335   | 43899  | 5.14%  | 0.122% |
| 105 | 9.211  | 9.182  | 9.232  | VV | 1253   | 30194  | 3.54%  | 0.084% |
| 106 | 9.265  | 9.232  | 9.277  | VV | 1564   | 34940  | 4.09%  | 0.097% |
| 107 | 9.293  | 9.277  | 9.332  | VV | 1965   | 48519  | 5.68%  | 0.134% |
| 108 | 9.346  | 9.332  | 9.374  | VV | 1447   | 30496  | 3.57%  | 0.084% |
| 109 | 9.401  | 9.374  | 9.424  | VV | 1836   | 39471  | 4.62%  | 0.109% |
| 110 | 9.446  | 9.424  | 9.460  | VV | 1381   | 25603  | 3.00%  | 0.071% |
| 111 | 9.483  | 9.460  | 9.496  | VV | 1418   | 27465  | 3.22%  | 0.076% |
| 112 | 9.515  | 9.496  | 9.533  | VV | 1799   | 31620  | 3.70%  | 0.088% |
| 113 | 9.565  | 9.533  | 9.587  | VV | 2357   | 54959  | 6.44%  | 0.152% |
| 114 | 9.603  | 9.587  | 9.615  | VV | 1524   | 22965  | 2.69%  | 0.064% |
| 115 | 9.659  | 9.615  | 9.673  | VV | 2304   | 63493  | 7.44%  | 0.176% |
| 116 | 9.685  | 9.673  | 9.702  | VV | 1999   | 28907  | 3.39%  | 0.080% |
| 117 | 9.727  | 9.702  | 9.755  | VV | 1637   | 45766  | 5.36%  | 0.127% |
| 118 | 9.770  | 9.755  | 9.783  | VV | 1554   | 23604  | 2.76%  | 0.065% |
| 119 | 9.805  | 9.783  | 9.824  | VV | 1942   | 39985  | 4.68%  | 0.111% |
| 120 | 9.841  | 9.824  | 9.872  | VV | 2119   | 51729  | 6.06%  | 0.143% |
| 121 | 9.895  | 9.872  | 9.952  | VV | 1785   | 74727  | 8.75%  | 0.207% |
| 122 | 9.998  | 9.952  | 10.034 | VV | 1579   | 68655  | 8.04%  | 0.190% |
| 123 | 10.061 | 10.034 | 10.091 | VV | 1868   | 54244  | 6.35%  | 0.150% |
| 124 | 10.121 | 10.091 | 10.142 | VV | 1753   | 46000  | 5.39%  | 0.127% |
| 125 | 10.163 | 10.142 | 10.182 | VV | 2061   | 39915  | 4.67%  | 0.111% |
| 126 | 10.218 | 10.182 | 10.251 | VV | 2123   | 73953  | 8.66%  | 0.205% |
| 127 | 10.275 | 10.251 | 10.302 | VV | 3690   | 78192  | 9.16%  | 0.217% |
| 128 | 10.337 | 10.302 | 10.387 | VV | 2912   | 118391 | 13.86% | 0.328% |
| 129 | 10.425 | 10.387 | 10.447 | VV | 3365   | 90515  | 10.60% | 0.251% |
| 130 | 10.472 | 10.447 | 10.484 | VV | 2811   | 53024  | 6.21%  | 0.147% |
| 131 | 10.495 | 10.484 | 10.512 | VV | 2699   | 42603  | 4.99%  | 0.118% |
| 132 | 10.539 | 10.512 | 10.562 | VV | 2962   | 77502  | 9.08%  | 0.215% |
| 133 | 10.606 | 10.562 | 10.632 | VV | 3444   | 116721 | 13.67% | 0.323% |
| 134 | 10.642 | 10.632 | 10.668 | VV | 2871   | 56782  | 6.65%  | 0.157% |
| 135 | 10.696 | 10.668 | 10.734 | VV | 4947   | 133770 | 15.67% | 0.371% |
| 136 | 10.761 | 10.734 | 10.803 | VV | 2783   | 105028 | 12.30% | 0.291% |
| 137 | 10.834 | 10.803 | 10.850 | VV | 2942   | 72486  | 8.49%  | 0.201% |
| 138 | 10.874 | 10.850 | 10.887 | VV | 3455   | 67994  | 7.96%  | 0.188% |
| 139 | 10.900 | 10.887 | 10.937 | VV | 3451   | 86191  | 10.09% | 0.239% |
| 140 | 10.958 | 10.937 | 10.991 | VV | 3308   | 95133  | 11.14% | 0.264% |
| 141 | 11.013 | 10.991 | 11.042 | VV | 3595   | 91275  | 10.69% | 0.253% |

|     |        |        |        |    | rteres |        |         |        |
|-----|--------|--------|--------|----|--------|--------|---------|--------|
| 142 | 11.054 | 11.042 | 11.075 | VV | 2779   | 50881  | 5.96%   | 0.141% |
| 143 | 11.099 | 11.075 | 11.115 | VV | 3338   | 69005  | 8.08%   | 0.191% |
| 144 | 11.157 | 11.115 | 11.168 | VV | 3067   | 95280  | 11.16%  | 0.264% |
| 145 | 11.183 | 11.168 | 11.205 | VV | 3514   | 70097  | 8.21%   | 0.194% |
| 146 | 11.228 | 11.205 | 11.249 | VV | 3563   | 85700  | 10.04%  | 0.237% |
| 147 | 11.269 | 11.249 | 11.320 | VV | 3869   | 143893 | 16.85%  | 0.399% |
| 148 | 11.354 | 11.320 | 11.387 | VV | 3671   | 135771 | 15.90%  | 0.376% |
| 149 | 11.412 | 11.387 | 11.442 | VV | 6032   | 137124 | 16.06%  | 0.380% |
| 150 | 11.472 | 11.442 | 11.500 | VV | 3758   | 117632 | 13.78%  | 0.326% |
| 151 | 11.520 | 11.500 | 11.542 | VV | 3635   | 87258  | 10.22%  | 0.242% |
| 152 | 11.566 | 11.542 | 11.585 | VV | 3987   | 94651  | 11.08%  | 0.262% |
| 153 | 11.643 | 11.585 | 11.685 | VV | 64518  | 853939 | 100.00% | 2.366% |
| 154 | 11.712 | 11.685 | 11.745 | VV | 3974   | 128966 | 15.10%  | 0.357% |
| 155 | 11.801 | 11.745 | 11.817 | VV | 5150   | 178339 | 20.88%  | 0.494% |
| 156 | 11.831 | 11.817 | 11.848 | VV | 4859   | 82038  | 9.61%   | 0.227% |
| 157 | 11.872 | 11.848 | 11.909 | VV | 4388   | 150911 | 17.67%  | 0.418% |
| 158 | 11.929 | 11.909 | 11.942 | VV | 4231   | 80129  | 9.38%   | 0.222% |
| 159 | 11.969 | 11.942 | 11.992 | VV | 5751   | 143604 | 16.82%  | 0.398% |
| 160 | 12.006 | 11.992 | 12.050 | VV | 4889   | 152739 | 17.89%  | 0.423% |
| 161 | 12.079 | 12.050 | 12.091 | VV | 4685   | 105320 | 12.33%  | 0.292% |
| 162 | 12.110 | 12.091 | 12.136 | VV | 4679   | 120513 | 14.11%  | 0.334% |
| 163 | 12.146 | 12.136 | 12.160 | VV | 4176   | 58208  | 6.82%   | 0.161% |
| 164 | 12.175 | 12.160 | 12.183 | VV | 4131   | 54518  | 6.38%   | 0.151% |
| 165 | 12.211 | 12.183 | 12.230 | VV | 4406   | 121480 | 14.23%  | 0.337% |
| 166 | 12.245 | 12.230 | 12.262 | VV | 4219   | 77898  | 9.12%   | 0.216% |
| 167 | 12.295 | 12.262 | 12.332 | VV | 4915   | 182114 | 21.33%  | 0.505% |
| 168 | 12.357 | 12.332 | 12.388 | VV | 4706   | 150407 | 17.61%  | 0.417% |
| 169 | 12.416 | 12.388 | 12.443 | VV | 4587   | 139400 | 16.32%  | 0.386% |
| 170 | 12.489 | 12.443 | 12.521 | VV | 4726   | 204076 | 23.90%  | 0.565% |
| 171 | 12.574 | 12.521 | 12.592 | VV | 5674   | 213856 | 25.04%  | 0.592% |
| 172 | 12.631 | 12.592 | 12.668 | VV | 5604   | 231252 | 27.08%  | 0.641% |
| 173 | 12.687 | 12.668 | 12.728 | VV | 6337   | 188314 | 22.05%  | 0.522% |
| 174 | 12.749 | 12.728 | 12.798 | VV | 5732   | 207327 | 24.28%  | 0.574% |
| 175 | 12.814 | 12.798 | 12.831 | VV | 5492   | 98808  | 11.57%  | 0.274% |
| 176 | 12.845 | 12.831 | 12.858 | VV | 4833   | 75218  | 8.81%   | 0.208% |
| 177 | 12.901 | 12.858 | 12.964 | VV | 5222   | 304012 | 35.60%  | 0.842% |
| 178 | 12.986 | 12.964 | 13.005 | VV | 6475   | 131278 | 15.37%  | 0.364% |
| 179 | 13.019 | 13.005 | 13.033 | VV | 5033   | 83006  | 9.72%   | 0.230% |
| 180 | 13.066 | 13.033 | 13.095 | VV | 45267  | 639174 | 74.85%  | 1.771% |
| 181 | 13.119 | 13.095 | 13.148 | VV | 6285   | 179521 | 21.02%  | 0.497% |
| 182 | 13.164 | 13.148 | 13.225 | VV | 5442   | 227964 | 26.70%  | 0.632% |
| 183 | 13.262 | 13.225 | 13.298 | VV | 5822   | 234217 | 27.43%  | 0.649% |
| 184 | 13.316 | 13.298 | 13.338 | VV | 6271   | 135873 | 15.91%  | 0.376% |
| 185 | 13.350 | 13.338 | 13.365 | VV | 4988   | 78587  | 9.20%   | 0.218% |
| 186 | 13.381 | 13.365 | 13.392 | VV | 5577   | 84499  | 9.90%   | 0.234% |
| 187 | 13.407 | 13.392 | 13.426 | VV | 6336   | 115034 | 13.47%  | 0.319% |
| 188 | 13.446 | 13.426 | 13.475 | VV | 6078   | 163203 | 19.11%  | 0.452% |
| 189 | 13.500 | 13.475 | 13.520 | VV | 5987   | 154824 | 18.13%  | 0.429% |
| 190 | 13.540 | 13.520 | 13.550 | VV | 6121   | 104349 | 12.22%  | 0.289% |
| 191 | 13.567 | 13.550 | 13.593 | VV | 6605   | 153750 | 18.00%  | 0.426% |
| 192 | 13.615 | 13.593 | 13.632 | VV | 5808   | 126970 | 14.87%  | 0.352% |
| 193 | 13.641 | 13.632 | 13.655 | VV | 5561   | 75710  | 8.87%   | 0.210% |
| 194 | 13.680 | 13.655 | 13.702 | VV | 6385   | 166978 | 19.55%  | 0.463% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 195 | 13.719 | 13.702 | 13.733 | VV | 6490   | 115702 | 13.55% | 0.321% |
| 196 | 13.748 | 13.733 | 13.790 | VV | 6473   | 206614 | 24.20% | 0.572% |
| 197 | 13.848 | 13.790 | 13.865 | VV | 7411   | 283026 | 33.14% | 0.784% |
| 198 | 13.881 | 13.865 | 13.909 | VV | 6567   | 157885 | 18.49% | 0.437% |
| 199 | 13.932 | 13.909 | 13.961 | VV | 6156   | 182147 | 21.33% | 0.505% |
| 200 | 13.977 | 13.961 | 14.004 | VV | 6130   | 148812 | 17.43% | 0.412% |
| 201 | 14.049 | 14.004 | 14.075 | VV | 6851   | 259163 | 30.35% | 0.718% |
| 202 | 14.117 | 14.075 | 14.142 | VV | 7689   | 255500 | 29.92% | 0.708% |
| 203 | 14.183 | 14.142 | 14.222 | VV | 6551   | 292940 | 34.30% | 0.812% |
| 204 | 14.241 | 14.222 | 14.265 | VV | 6429   | 160946 | 18.85% | 0.446% |
| 205 | 14.283 | 14.265 | 14.314 | VV | 6285   | 181605 | 21.27% | 0.503% |
| 206 | 14.336 | 14.314 | 14.353 | VV | 6957   | 147064 | 17.22% | 0.407% |
| 207 | 14.368 | 14.353 | 14.392 | VV | 6494   | 143319 | 16.78% | 0.397% |
| 208 | 14.405 | 14.392 | 14.430 | VV | 6048   | 137449 | 16.10% | 0.381% |
| 209 | 14.446 | 14.430 | 14.463 | VV | 6164   | 117481 | 13.76% | 0.325% |
| 210 | 14.504 | 14.463 | 14.527 | VV | 6820   | 243773 | 28.55% | 0.675% |
| 211 | 14.543 | 14.527 | 14.562 | VV | 6434   | 127507 | 14.93% | 0.353% |
| 212 | 14.585 | 14.562 | 14.608 | VV | 5983   | 163296 | 19.12% | 0.452% |
| 213 | 14.641 | 14.608 | 14.652 | VV | 6620   | 161866 | 18.96% | 0.448% |
| 214 | 14.667 | 14.652 | 14.690 | VV | 6503   | 141388 | 16.56% | 0.392% |
| 215 | 14.702 | 14.690 | 14.722 | VV | 5973   | 112664 | 13.19% | 0.312% |
| 216 | 14.772 | 14.722 | 14.832 | VV | 6362   | 388925 | 45.54% | 1.077% |
| 217 | 14.851 | 14.832 | 14.870 | VV | 6560   | 140942 | 16.50% | 0.390% |
| 218 | 14.892 | 14.870 | 14.910 | VV | 7038   | 148209 | 17.36% | 0.411% |
| 219 | 14.948 | 14.910 | 14.972 | VV | 7201   | 234511 | 27.46% | 0.650% |
| 220 | 15.012 | 14.972 | 15.028 | VV | 6176   | 202542 | 23.72% | 0.561% |
| 221 | 15.050 | 15.028 | 15.080 | VV | 6455   | 191763 | 22.46% | 0.531% |
| 222 | 15.095 | 15.080 | 15.118 | VV | 6294   | 132856 | 15.56% | 0.368% |
| 223 | 15.158 | 15.118 | 15.176 | VV | 6190   | 207351 | 24.28% | 0.574% |
| 224 | 15.190 | 15.176 | 15.208 | VV | 5683   | 108469 | 12.70% | 0.300% |
| 225 | 15.247 | 15.208 | 15.265 | VV | 5819   | 191847 | 22.47% | 0.531% |
| 226 | 15.284 | 15.265 | 15.312 | VV | 8172   | 190947 | 22.36% | 0.529% |
| 227 | 15.322 | 15.312 | 15.345 | VV | 6272   | 121614 | 14.24% | 0.337% |
| 228 | 15.369 | 15.345 | 15.398 | VV | 6300   | 189210 | 22.16% | 0.524% |
| 229 | 15.442 | 15.398 | 15.485 | VV | 6384   | 313841 | 36.75% | 0.869% |
| 230 | 15.520 | 15.485 | 15.540 | VV | 6963   | 203072 | 23.78% | 0.563% |
| 231 | 15.570 | 15.540 | 15.625 | VV | 6176   | 292997 | 34.31% | 0.812% |
| 232 | 15.686 | 15.625 | 15.715 | VV | 6315   | 321546 | 37.65% | 0.891% |
| 233 | 15.757 | 15.715 | 15.784 | VV | 6126   | 243185 | 28.48% | 0.674% |
| 234 | 15.813 | 15.784 | 15.833 | VV | 5783   | 167809 | 19.65% | 0.465% |
| 235 | 15.846 | 15.833 | 15.872 | VV | 5998   | 131190 | 15.36% | 0.363% |
| 236 | 15.885 | 15.872 | 15.912 | VV | 5851   | 138584 | 16.23% | 0.384% |
| 237 | 15.922 | 15.912 | 16.005 | VV | 6151   | 328291 | 38.44% | 0.909% |
| 238 | 16.020 | 16.005 | 16.043 | VV | 5794   | 130863 | 15.32% | 0.363% |
| 239 | 16.070 | 16.043 | 16.087 | VV | 5822   | 149483 | 17.51% | 0.414% |
| 240 | 16.118 | 16.087 | 16.144 | VV | 6355   | 204701 | 23.97% | 0.567% |
| 241 | 16.155 | 16.144 | 16.181 | VV | 6048   | 131541 | 15.40% | 0.364% |
| 242 | 16.219 | 16.181 | 16.267 | VV | 6471   | 317404 | 37.17% | 0.879% |
| 243 | 16.318 | 16.267 | 16.352 | VV | 6646   | 318829 | 37.34% | 0.883% |
| 244 | 16.400 | 16.352 | 16.452 | VV | 7436   | 378351 | 44.31% | 1.048% |
| 245 | 16.471 | 16.452 | 16.492 | VV | 5969   | 141247 | 16.54% | 0.391% |
| 246 | 16.500 | 16.492 | 16.510 | VV | 5974   | 63692  | 7.46%  | 0.176% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 247 | 16.618 | 16.510 | 16.651 | VV | 6481   | 515669 | 60.39% | 1.429% |
| 248 | 16.671 | 16.651 | 16.692 | VV | 6267   | 148187 | 17.35% | 0.411% |
| 249 | 16.721 | 16.692 | 16.736 | VV | 6811   | 170544 | 19.97% | 0.472% |
| 250 | 16.768 | 16.736 | 16.805 | VV | 6640   | 255318 | 29.90% | 0.707% |
| 251 | 16.867 | 16.805 | 16.889 | VV | 7572   | 321108 | 37.60% | 0.890% |
| 252 | 16.906 | 16.889 | 16.925 | VV | 6722   | 138925 | 16.27% | 0.385% |
| 253 | 16.936 | 16.925 | 16.958 | VV | 6408   | 124394 | 14.57% | 0.345% |
| 254 | 16.975 | 16.958 | 16.985 | VV | 6248   | 98264  | 11.51% | 0.272% |
| 255 | 17.004 | 16.985 | 17.029 | VV | 6202   | 159314 | 18.66% | 0.441% |
| 256 | 17.052 | 17.029 | 17.061 | VV | 6335   | 114674 | 13.43% | 0.318% |
| 257 | 17.084 | 17.061 | 17.102 | VV | 6390   | 152008 | 17.80% | 0.421% |
| 258 | 17.112 | 17.102 | 17.160 | VV | 6402   | 215115 | 25.19% | 0.596% |
| 259 | 17.189 | 17.160 | 17.203 | VV | 6334   | 159841 | 18.72% | 0.443% |
| 260 | 17.215 | 17.203 | 17.255 | VV | 6391   | 187453 | 21.95% | 0.519% |
| 261 | 17.270 | 17.255 | 17.284 | VV | 6305   | 106065 | 12.42% | 0.294% |
| 262 | 17.308 | 17.284 | 17.338 | VV | 8054   | 223718 | 26.20% | 0.620% |
| 263 | 17.358 | 17.338 | 17.375 | VV | 6139   | 130846 | 15.32% | 0.362% |
| 264 | 17.403 | 17.375 | 17.424 | VV | 6652   | 182516 | 21.37% | 0.506% |
| 265 | 17.440 | 17.424 | 17.475 | VV | 6741   | 190901 | 22.36% | 0.529% |
| 266 | 17.496 | 17.475 | 17.512 | VV | 6064   | 127392 | 14.92% | 0.353% |
| 267 | 17.524 | 17.512 | 17.535 | VV | 5768   | 81559  | 9.55%  | 0.226% |
| 268 | 17.554 | 17.535 | 17.566 | VV | 5740   | 103805 | 12.16% | 0.288% |
| 269 | 17.575 | 17.566 | 17.585 | VV | 5537   | 62029  | 7.26%  | 0.172% |
| 270 | 17.602 | 17.585 | 17.613 | VV | 5667   | 94602  | 11.08% | 0.262% |
| 271 | 17.625 | 17.613 | 17.642 | VV | 5700   | 95061  | 11.13% | 0.263% |
| 272 | 17.672 | 17.642 | 17.690 | VV | 6045   | 168598 | 19.74% | 0.467% |
| 273 | 17.745 | 17.690 | 17.782 | VV | 8057   | 345855 | 40.50% | 0.958% |
| 274 | 17.789 | 17.782 | 17.798 | VV | 5610   | 55605  | 6.51%  | 0.154% |
| 275 | 17.810 | 17.798 | 17.864 | VV | 5893   | 222861 | 26.10% | 0.617% |
| 276 | 17.883 | 17.864 | 17.895 | VV | 5907   | 106286 | 12.45% | 0.294% |
| 277 | 17.912 | 17.895 | 17.929 | VV | 6748   | 129464 | 15.16% | 0.359% |
| 278 | 17.937 | 17.929 | 17.975 | VV | 6103   | 156560 | 18.33% | 0.434% |
| 279 | 18.017 | 17.975 | 18.058 | VV | 5943   | 276240 | 32.35% | 0.765% |
| 280 | 18.107 | 18.058 | 18.139 | VV | 6586   | 288528 | 33.79% | 0.799% |
| 281 | 18.164 | 18.139 | 18.197 | VV | 7350   | 211460 | 24.76% | 0.586% |
| 282 | 18.276 | 18.197 | 18.325 | VV | 6412   | 420332 | 49.22% | 1.164% |
| 283 | 18.381 | 18.325 | 18.415 | VV | 5551   | 276878 | 32.42% | 0.767% |
| 284 | 18.430 | 18.415 | 18.505 | VV | 5358   | 279186 | 32.69% | 0.773% |
| 285 | 18.572 | 18.505 | 18.633 | VV | 7088   | 414463 | 48.54% | 1.148% |
| 286 | 18.696 | 18.633 | 18.722 | VV | 5563   | 270961 | 31.73% | 0.751% |
| 287 | 18.745 | 18.722 | 18.768 | VV | 5566   | 145178 | 17.00% | 0.402% |
| 288 | 18.784 | 18.768 | 18.806 | VV | 5031   | 112088 | 13.13% | 0.311% |
| 289 | 18.825 | 18.806 | 18.840 | VV | 5151   | 102028 | 11.95% | 0.283% |
| 290 | 18.860 | 18.840 | 18.894 | VV | 5273   | 163466 | 19.14% | 0.453% |
| 291 | 18.922 | 18.894 | 18.943 | VV | 5535   | 155666 | 18.23% | 0.431% |
| 292 | 18.967 | 18.943 | 19.002 | VV | 6518   | 197334 | 23.11% | 0.547% |
| 293 | 19.024 | 19.002 | 19.038 | VV | 5399   | 111122 | 13.01% | 0.308% |
| 294 | 19.057 | 19.038 | 19.069 | VV | 4992   | 87216  | 10.21% | 0.242% |
| 295 | 19.088 | 19.069 | 19.102 | VV | 5100   | 98579  | 11.54% | 0.273% |
| 296 | 19.123 | 19.102 | 19.138 | VV | 5399   | 111986 | 13.11% | 0.310% |
| 297 | 19.149 | 19.138 | 19.169 | VV | 5004   | 91220  | 10.68% | 0.253% |
| 298 | 19.184 | 19.169 | 19.198 | VV | 4839   | 83141  | 9.74%  | 0.230% |
| 299 | 19.215 | 19.198 | 19.255 | VV | 4999   | 162737 | 19.06% | 0.451% |

|     |        |        |        |    |                         |        |          |        |
|-----|--------|--------|--------|----|-------------------------|--------|----------|--------|
|     |        |        |        |    | rteres                  |        |          |        |
| 300 | 19.282 | 19.255 | 19.300 | VV | 4947                    | 128917 | 15.10%   | 0.357% |
| 301 | 19.346 | 19.300 | 19.380 | VV | 5974                    | 248307 | 29.08%   | 0.688% |
| 302 | 19.408 | 19.380 | 19.441 | VV | 5258                    | 183017 | 21.43%   | 0.507% |
| 303 | 19.461 | 19.441 | 19.475 | VV | 5100                    | 99138  | 11.61%   | 0.275% |
| 304 | 19.494 | 19.475 | 19.504 | VV | 5094                    | 88220  | 10.33%   | 0.244% |
| 305 | 19.527 | 19.504 | 19.568 | VV | 5282                    | 192662 | 22.56%   | 0.534% |
| 306 | 19.593 | 19.568 | 19.609 | VV | 5175                    | 122851 | 14.39%   | 0.340% |
| 307 | 19.638 | 19.609 | 19.672 | VV | 5775                    | 200312 | 23.46%   | 0.555% |
| 308 | 19.720 | 19.672 | 19.805 | VV | 6246                    | 426322 | 49.92%   | 1.181% |
| 309 | 19.829 | 19.805 | 19.861 | VV | 5115                    | 168599 | 19.74%   | 0.467% |
| 310 | 19.913 | 19.861 | 19.928 | VV | 5371                    | 207890 | 24.34%   | 0.576% |
| 311 | 19.960 | 19.928 | 19.995 | VV | 5637                    | 217643 | 25.49%   | 0.603% |
| 312 | 20.040 | 19.995 | 20.049 | VV | 5679                    | 181473 | 21.25%   | 0.503% |
| 313 | 20.081 | 20.049 | 20.104 | VV | 6215                    | 192131 | 22.50%   | 0.532% |
| 314 | 20.122 | 20.104 | 20.151 | VV | 6216                    | 170051 | 19.91%   | 0.471% |
| 315 | 20.168 | 20.151 | 20.203 | VV | 6107                    | 182522 | 21.37%   | 0.506% |
| 316 | 20.209 | 20.203 | 20.228 | VV | 5902                    | 87997  | 10.30%   | 0.244% |
| 317 | 20.252 | 20.228 | 20.282 | VV | 6070                    | 190090 | 22.26%   | 0.527% |
| 318 | 20.305 | 20.282 | 20.337 | VV | 6034                    | 198045 | 23.19%   | 0.549% |
| 319 | 20.348 | 20.337 | 20.372 | VV | 5885                    | 118570 | 13.89%   | 0.328% |
| 320 | 20.390 | 20.372 | 20.399 | VV | 5929                    | 94048  | 11.01%   | 0.261% |
| 321 | 20.429 | 20.399 | 20.542 | VV | 6208                    | 486551 | 56.98%   | 1.348% |
| 322 | 20.591 | 20.542 | 20.638 | VV | 5826                    | 315455 | 36.94%   | 0.874% |
| 323 | 20.662 | 20.638 | 20.745 | VV | 5285                    | 322307 | 37.74%   | 0.893% |
|     |        |        |        |    | Sum of corrected areas: |        | 36097939 |        |

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