

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF073118\  
 Data File : FF001578.D  
 Signal(s) : FID2B.ch  
 Acq On : 31 Jul 2018 17:04  
 Sample : J4218-05 MSD  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\PESTPCBSRV\HPCHEM1\FID\_F\Method\FF073018.M  
 Title :

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         | 4.119       | 4.082        | 4.254      | BH       | 244026         | 2529934      | 74.26%         | 8.044%        |
| 2         | 4.279       | 4.254        | 4.302      | HH       | 794            | 16376        | 0.48%          | 0.052%        |
| 3         | 4.305       | 4.302        | 4.333      | HH       | 520            | 6232         | 0.18%          | 0.020%        |
| 4         | 4.338       | 4.333        | 4.354      | HH       | 222            | 2102         | 0.06%          | 0.007%        |
| 5         | 4.360       | 4.354        | 4.413      | HH       | 149            | 808          | 0.02%          | 0.003%        |
| 6         | 4.419       | 4.413        | 4.428      | PH       | -26            | -805         | -0.02%         | -0.003%       |
| 7         | 4.432       | 4.428        | 4.439      | PH       | -63            | -777         | -0.02%         | -0.002%       |
| 8         | 4.443       | 4.439        | 4.482      | PH       | -102           | -4562        | -0.13%         | -0.015%       |
| 9         | 4.488       | 4.482        | 4.512      | PH       | -190           | -4693        | -0.14%         | -0.015%       |
| 10        | 4.517       | 4.512        | 4.524      | PH       | -218           | -2156        | -0.06%         | -0.007%       |
| 11        | 4.531       | 4.524        | 4.546      | PH       | -300           | -4293        | -0.13%         | -0.014%       |
| 12        | 4.551       | 4.546        | 4.557      | PH       | -293           | -2402        | -0.07%         | -0.008%       |
| 13        | 4.561       | 4.557        | 4.571      | PH       | -347           | -2939        | -0.09%         | -0.009%       |
| 14        | 4.576       | 4.571        | 4.634      | PH       | -330           | -15635       | -0.46%         | -0.050%       |
| 15        | 4.639       | 4.634        | 4.664      | PH       | -458           | -8645        | -0.25%         | -0.027%       |
| 16        | 4.673       | 4.664        | 4.699      | PH       | -423           | -10368       | -0.30%         | -0.033%       |
| 17        | 4.715       | 4.699        | 4.748      | PH       | -283           | -12671       | -0.37%         | -0.040%       |
| 18        | 4.754       | 4.748        | 4.761      | PH       | -485           | -4136        | -0.12%         | -0.013%       |
| 19        | 4.762       | 4.761        | 4.792      | PH       | -487           | -10894       | -0.32%         | -0.035%       |
| 20        | 4.796       | 4.792        | 4.850      | PH       | -553           | -21317       | -0.63%         | -0.068%       |
| 21        | 4.854       | 4.850        | 4.866      | PH       | -571           | -6518        | -0.19%         | -0.021%       |
| 22        | 4.875       | 4.866        | 4.881      | PH       | -611           | -5955        | -0.17%         | -0.019%       |
| 23        | 4.887       | 4.881        | 4.902      | PH       | -588           | -8712        | -0.26%         | -0.028%       |
| 24        | 4.911       | 4.902        | 4.917      | PH       | -610           | -6174        | -0.18%         | -0.020%       |
| 25        | 4.920       | 4.917        | 4.933      | PH       | -654           | -6266        | -0.18%         | -0.020%       |
| 26        | 4.937       | 4.933        | 4.979      | PH       | -633           | -19012       | -0.56%         | -0.060%       |
| 27        | 4.986       | 4.979        | 5.017      | PH       | -609           | -15294       | -0.45%         | -0.049%       |
| 28        | 5.023       | 5.017        | 5.039      | PH       | -648           | -9072        | -0.27%         | -0.029%       |
| 29        | 5.045       | 5.039        | 5.061      | PH       | -652           | -9345        | -0.27%         | -0.030%       |
| 30        | 5.062       | 5.061        | 5.079      | PH       | -677           | -7939        | -0.23%         | -0.025%       |
| 31        | 5.085       | 5.079        | 5.097      | PH       | -670           | -7514        | -0.22%         | -0.024%       |
| 32        | 5.105       | 5.097        | 5.123      | PH       | -685           | -11474       | -0.34%         | -0.036%       |
| 33        | 5.156       | 5.123        | 5.200      | PH       | -199           | -23962       | -0.70%         | -0.076%       |
| 34        | 5.205       | 5.200        | 5.212      | PH       | -641           | -4898        | -0.14%         | -0.016%       |
| 35        | 5.215       | 5.212        | 5.237      | PH       | -638           | -10461       | -0.31%         | -0.033%       |
| 36        | 5.239       | 5.237        | 5.243      | PH       | -637           | -2364        | -0.07%         | -0.008%       |

|    |       |       |       |    |            |         |        |         |
|----|-------|-------|-------|----|------------|---------|--------|---------|
|    |       |       |       |    | rteres.txt |         |        |         |
| 37 | 5.248 | 5.243 | 5.272 | PH | -622       | -12005  | -0.35% | -0.038% |
| 38 | 5.294 | 5.272 | 5.311 | PH | -606       | -16046  | -0.47% | -0.051% |
| 39 | 5.332 | 5.311 | 5.341 | PH | -608       | -12071  | -0.35% | -0.038% |
| 40 | 5.373 | 5.341 | 5.378 | PH | -545       | -14269  | -0.42% | -0.045% |
| 41 | 5.381 | 5.378 | 5.400 | PH | -552       | -8093   | -0.24% | -0.026% |
| 42 | 5.406 | 5.400 | 5.419 | PH | -620       | -7702   | -0.23% | -0.024% |
| 43 | 5.441 | 5.419 | 5.457 | PH | -612       | -15234  | -0.45% | -0.048% |
| 44 | 5.462 | 5.457 | 5.487 | PH | -637       | -13488  | -0.40% | -0.043% |
| 45 | 5.493 | 5.487 | 5.520 | PH | -711       | -14795  | -0.43% | -0.047% |
| 46 | 5.528 | 5.520 | 5.569 | PH | -714       | -23177  | -0.68% | -0.074% |
| 47 | 5.594 | 5.569 | 5.630 | PH | -707       | -28545  | -0.84% | -0.091% |
| 48 | 5.643 | 5.630 | 5.666 | PH | -769       | -18360  | -0.54% | -0.058% |
| 49 | 5.684 | 5.666 | 5.705 | PH | -625       | -17371  | -0.51% | -0.055% |
| 50 | 5.714 | 5.705 | 5.735 | PH | -737       | -14669  | -0.43% | -0.047% |
| 51 | 5.740 | 5.735 | 5.746 | PH | -721       | -5169   | -0.15% | -0.016% |
| 52 | 5.757 | 5.746 | 5.788 | PH | -736       | -19990  | -0.59% | -0.064% |
| 53 | 5.793 | 5.788 | 5.801 | PH | -779       | -6474   | -0.19% | -0.021% |
| 54 | 5.817 | 5.801 | 5.826 | PH | -764       | -11951  | -0.35% | -0.038% |
| 55 | 5.853 | 5.826 | 5.876 | PH | 64         | -13678  | -0.40% | -0.043% |
| 56 | 5.879 | 5.876 | 5.887 | PH | -754       | -5438   | -0.16% | -0.017% |
| 57 | 5.894 | 5.887 | 5.909 | PH | -713       | -10349  | -0.30% | -0.033% |
| 58 | 5.946 | 5.909 | 5.958 | PH | -715       | -22232  | -0.65% | -0.071% |
| 59 | 6.023 | 5.958 | 6.040 | PH | -510       | -33209  | -0.97% | -0.106% |
| 60 | 6.046 | 6.040 | 6.063 | PH | -560       | -8633   | -0.25% | -0.027% |
| 61 | 6.067 | 6.063 | 6.071 | PH | -630       | -2921   | -0.09% | -0.009% |
| 62 | 6.123 | 6.071 | 6.256 | PH | 237847     | 2622751 | 76.98% | 8.339%  |
| 63 | 6.259 | 6.256 | 6.277 | PH | 123        | -1714   | -0.05% | -0.005% |
| 64 | 6.278 | 6.277 | 6.311 | PH | -156       | -6391   | -0.19% | -0.020% |
| 65 | 6.318 | 6.311 | 6.365 | PH | -345       | -13575  | -0.40% | -0.043% |
| 66 | 6.371 | 6.365 | 6.382 | PH | -424       | -4716   | -0.14% | -0.015% |
| 67 | 6.391 | 6.382 | 6.398 | PH | -478       | -4998   | -0.15% | -0.016% |
| 68 | 6.402 | 6.398 | 6.436 | PH | -466       | -12305  | -0.36% | -0.039% |
| 69 | 6.440 | 6.436 | 6.450 | PH | -547       | -5093   | -0.15% | -0.016% |
| 70 | 6.455 | 6.450 | 6.486 | PH | -551       | -14489  | -0.43% | -0.046% |
| 71 | 6.490 | 6.486 | 6.546 | PH | -658       | -26731  | -0.78% | -0.085% |
| 72 | 6.551 | 6.546 | 6.559 | PH | -747       | -6148   | -0.18% | -0.020% |
| 73 | 6.564 | 6.559 | 6.607 | PH | -769       | -23463  | -0.69% | -0.075% |
| 74 | 6.610 | 6.607 | 6.658 | PH | -811       | -25713  | -0.75% | -0.082% |
| 75 | 6.662 | 6.658 | 6.671 | PH | -856       | -7118   | -0.21% | -0.023% |
| 76 | 6.689 | 6.671 | 6.699 | PH | -796       | -13906  | -0.41% | -0.044% |
| 77 | 6.701 | 6.699 | 6.712 | PH | -792       | -7114   | -0.21% | -0.023% |
| 78 | 6.731 | 6.712 | 6.763 | PH | -762       | -25995  | -0.76% | -0.083% |
| 79 | 6.783 | 6.763 | 6.804 | PH | -853       | -23315  | -0.68% | -0.074% |
| 80 | 6.819 | 6.804 | 6.825 | PH | -835       | -10955  | -0.32% | -0.035% |
| 81 | 6.829 | 6.825 | 6.861 | PH | -902       | -20998  | -0.62% | -0.067% |
| 82 | 6.870 | 6.861 | 6.876 | PH | -901       | -8019   | -0.24% | -0.025% |
| 83 | 6.878 | 6.876 | 6.909 | PH | -906       | -19615  | -0.58% | -0.062% |
| 84 | 6.918 | 6.909 | 6.939 | PH | -948       | -18236  | -0.54% | -0.058% |
| 85 | 6.944 | 6.939 | 6.948 | PH | -992       | -5703   | -0.17% | -0.018% |
| 86 | 6.969 | 6.948 | 6.975 | PH | -922       | -16221  | -0.48% | -0.052% |
| 87 | 6.980 | 6.975 | 7.011 | PH | -937       | -21673  | -0.64% | -0.069% |
| 88 | 7.015 | 7.011 | 7.020 | PH | -1075      | -6287   | -0.18% | -0.020% |
| 89 | 7.050 | 7.020 | 7.090 | PH | -871       | -42577  | -1.25% | -0.135% |

|     |       |       |       |    |            |         |        |         |
|-----|-------|-------|-------|----|------------|---------|--------|---------|
|     |       |       |       |    | rteres.txt |         |        |         |
| 90  | 7.093 | 7.090 | 7.115 | PH | -1069      | -16476  | -0.48% | -0.052% |
| 91  | 7.119 | 7.115 | 7.124 | PH | -1087      | -5957   | -0.17% | -0.019% |
| 92  | 7.141 | 7.124 | 7.167 | PH | -1043      | -29154  | -0.86% | -0.093% |
| 93  | 7.171 | 7.167 | 7.177 | PH | -1127      | -6753   | -0.20% | -0.021% |
| 94  | 7.185 | 7.177 | 7.192 | PH | -1072      | -9829   | -0.29% | -0.031% |
| 95  | 7.199 | 7.192 | 7.212 | PH | -1058      | -13517  | -0.40% | -0.043% |
| 96  | 7.215 | 7.212 | 7.219 | PH | -1161      | -5290   | -0.16% | -0.017% |
| 97  | 7.222 | 7.219 | 7.229 | PH | -1110      | -6601   | -0.19% | -0.021% |
| 98  | 7.233 | 7.229 | 7.241 | PH | -1112      | -8510   | -0.25% | -0.027% |
| 99  | 7.246 | 7.241 | 7.252 | PH | -1162      | -8186   | -0.24% | -0.026% |
| 100 | 7.256 | 7.252 | 7.261 | PH | -1166      | -5678   | -0.17% | -0.018% |
| 101 | 7.268 | 7.261 | 7.277 | PH | -1127      | -11950  | -0.35% | -0.038% |
| 102 | 7.311 | 7.277 | 7.355 | PH | 208        | -37105  | -1.09% | -0.118% |
| 103 | 7.357 | 7.355 | 7.389 | PH | -1096      | -23939  | -0.70% | -0.076% |
| 104 | 7.391 | 7.389 | 7.404 | PH | -1126      | -10468  | -0.31% | -0.033% |
| 105 | 7.411 | 7.404 | 7.421 | PH | -1126      | -11715  | -0.34% | -0.037% |
| 106 | 7.481 | 7.421 | 7.526 | PH | 248        | -48566  | -1.43% | -0.154% |
| 107 | 7.531 | 7.526 | 7.551 | PH | -1122      | -18039  | -0.53% | -0.057% |
| 108 | 7.610 | 7.551 | 7.631 | PH | -1056      | -55915  | -1.64% | -0.178% |
| 109 | 7.659 | 7.631 | 7.702 | PH | -916       | -45779  | -1.34% | -0.146% |
| 110 | 7.707 | 7.702 | 7.720 | PH | -1077      | -12534  | -0.37% | -0.040% |
| 111 | 7.725 | 7.720 | 7.737 | PH | -1085      | -11686  | -0.34% | -0.037% |
| 112 | 7.742 | 7.737 | 7.777 | PH | -1079      | -27660  | -0.81% | -0.088% |
| 113 | 7.791 | 7.777 | 7.801 | PH | -1090      | -16409  | -0.48% | -0.052% |
| 114 | 7.815 | 7.801 | 7.835 | PH | -952       | -20846  | -0.61% | -0.066% |
| 115 | 7.839 | 7.835 | 7.850 | PH | -1049      | -10046  | -0.29% | -0.032% |
| 116 | 7.906 | 7.850 | 7.948 | PH | 250541     | 2775683 | 81.47% | 8.825%  |
| 117 | 7.968 | 7.948 | 8.126 | HH | 19947      | 293883  | 8.63%  | 0.934%  |
| 118 | 8.131 | 8.126 | 8.154 | PH | -510       | -9797   | -0.29% | -0.031% |
| 119 | 8.159 | 8.154 | 8.196 | PH | -593       | -18735  | -0.55% | -0.060% |
| 120 | 8.200 | 8.196 | 8.223 | PH | -808       | -14100  | -0.41% | -0.045% |
| 121 | 8.251 | 8.223 | 8.289 | PH | -350       | -28305  | -0.83% | -0.090% |
| 122 | 8.293 | 8.289 | 8.307 | PH | -891       | -10089  | -0.30% | -0.032% |
| 123 | 8.330 | 8.307 | 8.355 | PH | -624       | -24171  | -0.71% | -0.077% |
| 124 | 8.359 | 8.355 | 8.368 | PH | -876       | -6823   | -0.20% | -0.022% |
| 125 | 8.400 | 8.368 | 8.439 | PH | -673       | -33614  | -0.99% | -0.107% |
| 126 | 8.442 | 8.439 | 8.461 | PH | -773       | -10990  | -0.32% | -0.035% |
| 127 | 8.466 | 8.461 | 8.485 | PH | -840       | -13865  | -0.41% | -0.044% |
| 128 | 8.496 | 8.485 | 8.504 | PH | -913       | -11128  | -0.33% | -0.035% |
| 129 | 8.506 | 8.504 | 8.509 | PH | -894       | -3004   | -0.09% | -0.010% |
| 130 | 8.534 | 8.509 | 8.544 | PH | -621       | -15749  | -0.46% | -0.050% |
| 131 | 8.549 | 8.544 | 8.578 | PH | -684       | -16172  | -0.47% | -0.051% |
| 132 | 8.583 | 8.578 | 8.589 | PH | -789       | -5888   | -0.17% | -0.019% |
| 133 | 8.623 | 8.589 | 8.693 | PH | 1649       | -22117  | -0.65% | -0.070% |
| 134 | 8.730 | 8.693 | 8.794 | PH | -499       | -58431  | -1.71% | -0.186% |
| 135 | 8.804 | 8.794 | 8.828 | PH | -1053      | -23221  | -0.68% | -0.074% |
| 136 | 8.834 | 8.828 | 8.839 | PH | -1104      | -8276   | -0.24% | -0.026% |
| 137 | 8.848 | 8.839 | 8.852 | PH | -1161      | -9212   | -0.27% | -0.029% |
| 138 | 8.859 | 8.852 | 8.887 | PH | -1091      | -24957  | -0.73% | -0.079% |
| 139 | 8.913 | 8.887 | 8.943 | PH | -908       | -37946  | -1.11% | -0.121% |
| 140 | 8.952 | 8.943 | 8.992 | PH | -1171      | -35715  | -1.05% | -0.114% |
| 141 | 9.007 | 8.992 | 9.015 | PH | -1050      | -15047  | -0.44% | -0.048% |

|     |        |        |        |    | rteres.txt |         |        |         |
|-----|--------|--------|--------|----|------------|---------|--------|---------|
| 142 | 9.018  | 9.015  | 9.036  | PH | -1084      | -14862  | -0.44% | -0.047% |
| 143 | 9.041  | 9.036  | 9.068  | PH | -1185      | -23502  | -0.69% | -0.075% |
| 144 | 9.073  | 9.068  | 9.077  | PH | -1187      | -6605   | -0.19% | -0.021% |
| 145 | 9.117  | 9.077  | 9.137  | PH | -912       | -36866  | -1.08% | -0.117% |
| 146 | 9.141  | 9.137  | 9.151  | PH | -998       | -8371   | -0.25% | -0.027% |
| 147 | 9.155  | 9.151  | 9.211  | PH | -995       | -39176  | -1.15% | -0.125% |
| 148 | 9.225  | 9.211  | 9.262  | PH | -784       | -31144  | -0.91% | -0.099% |
| 149 | 9.279  | 9.262  | 9.299  | PH | -895       | -23550  | -0.69% | -0.075% |
| 150 | 9.326  | 9.299  | 9.356  | PH | -105       | -28341  | -0.83% | -0.090% |
| 151 | 9.371  | 9.356  | 9.391  | PH | -1215      | -26453  | -0.78% | -0.084% |
| 152 | 9.423  | 9.391  | 9.432  | PH | -1113      | -29676  | -0.87% | -0.094% |
| 153 | 9.449  | 9.432  | 9.460  | PH | -946       | -17472  | -0.51% | -0.056% |
| 154 | 9.497  | 9.460  | 9.651  | PH | 240785     | 2788969 | 81.86% | 8.867%  |
| 155 | 9.655  | 9.651  | 9.694  | PH | -768       | -24408  | -0.72% | -0.078% |
| 156 | 9.705  | 9.694  | 9.714  | PH | -939       | -12168  | -0.36% | -0.039% |
| 157 | 9.731  | 9.714  | 9.751  | PH | -963       | -23052  | -0.68% | -0.073% |
| 158 | 9.757  | 9.751  | 9.762  | PH | -1052      | -7194   | -0.21% | -0.023% |
| 159 | 9.766  | 9.762  | 9.771  | PH | -1042      | -5844   | -0.17% | -0.019% |
| 160 | 9.774  | 9.771  | 9.792  | PH | -1090      | -14093  | -0.41% | -0.045% |
| 161 | 9.819  | 9.792  | 9.828  | PH | -966       | -23308  | -0.68% | -0.074% |
| 162 | 9.855  | 9.828  | 9.862  | PH | -827       | -18214  | -0.53% | -0.058% |
| 163 | 9.871  | 9.862  | 9.876  | PH | -795       | -7002   | -0.21% | -0.022% |
| 164 | 9.884  | 9.876  | 9.912  | PH | -744       | -19584  | -0.57% | -0.062% |
| 165 | 9.934  | 9.912  | 9.951  | PH | -897       | -23202  | -0.68% | -0.074% |
| 166 | 9.974  | 9.951  | 9.981  | PH | -795       | -16393  | -0.48% | -0.052% |
| 167 | 9.987  | 9.981  | 9.992  | PH | -811       | -5600   | -0.16% | -0.018% |
| 168 | 10.000 | 9.992  | 10.016 | PH | -776       | -12432  | -0.36% | -0.040% |
| 169 | 10.025 | 10.016 | 10.052 | PH | -838       | -20873  | -0.61% | -0.066% |
| 170 | 10.057 | 10.052 | 10.062 | PH | -1062      | -6890   | -0.20% | -0.022% |
| 171 | 10.067 | 10.062 | 10.075 | PH | -1089      | -8843   | -0.26% | -0.028% |
| 172 | 10.135 | 10.075 | 10.155 | PH | -751       | -44987  | -1.32% | -0.143% |
| 173 | 10.168 | 10.155 | 10.184 | PH | -897       | -16460  | -0.48% | -0.052% |
| 174 | 10.237 | 10.184 | 10.274 | PH | -149       | -37297  | -1.09% | -0.119% |
| 175 | 10.300 | 10.274 | 10.316 | PH | -555       | -18413  | -0.54% | -0.059% |
| 176 | 10.335 | 10.316 | 10.422 | PH | -610       | -54073  | -1.59% | -0.172% |
| 177 | 10.443 | 10.422 | 10.484 | PH | -892       | -35619  | -1.05% | -0.113% |
| 178 | 10.491 | 10.484 | 10.520 | PH | -1006      | -22310  | -0.65% | -0.071% |
| 179 | 10.557 | 10.520 | 10.586 | PH | -734       | -35671  | -1.05% | -0.113% |
| 180 | 10.615 | 10.586 | 10.671 | PH | -651       | -43307  | -1.27% | -0.138% |
| 181 | 10.689 | 10.671 | 10.716 | PH | -621       | -22443  | -0.66% | -0.071% |
| 182 | 10.737 | 10.716 | 10.824 | PH | -123       | -51459  | -1.51% | -0.164% |
| 183 | 10.874 | 10.824 | 10.885 | PH | -884       | -35740  | -1.05% | -0.114% |
| 184 | 10.932 | 10.885 | 10.999 | PH | 237814     | 2854770 | 83.79% | 9.076%  |
| 185 | 11.012 | 10.999 | 11.066 | HH | 266        | -7245   | -0.21% | -0.023% |
| 186 | 11.086 | 11.066 | 11.201 | PH | 83         | -47873  | -1.41% | -0.152% |
| 187 | 11.226 | 11.201 | 11.272 | PH | -620       | -32723  | -0.96% | -0.104% |
| 188 | 11.328 | 11.272 | 11.361 | PH | -659       | -40807  | -1.20% | -0.130% |
| 189 | 11.370 | 11.361 | 11.382 | PH | -664       | -9114   | -0.27% | -0.029% |
| 190 | 11.405 | 11.382 | 11.465 | PH | -402       | -35776  | -1.05% | -0.114% |
| 191 | 11.491 | 11.465 | 11.516 | PH | -816       | -27144  | -0.80% | -0.086% |
| 192 | 11.600 | 11.516 | 11.648 | PH | 38         | -54997  | -1.61% | -0.175% |
| 193 | 11.693 | 11.648 | 11.764 | PH | 450        | -37469  | -1.10% | -0.119% |
| 194 | 11.787 | 11.764 | 11.822 | PH | -749       | -30821  | -0.90% | -0.098% |

|     |        |        |        |    |            |         |        |         |
|-----|--------|--------|--------|----|------------|---------|--------|---------|
|     |        |        |        |    | rteres.txt |         |        |         |
| 195 | 11.828 | 11.822 | 11.836 | PH | -871       | -7039   | -0.21% | -0.022% |
| 196 | 11.871 | 11.836 | 11.919 | PH | -603       | -36153  | -1.06% | -0.115% |
| 197 | 11.933 | 11.919 | 11.951 | PH | -680       | -14609  | -0.43% | -0.046% |
| 198 | 11.976 | 11.951 | 11.991 | PH | -613       | -17329  | -0.51% | -0.055% |
| 199 | 11.999 | 11.991 | 12.031 | PH | -652       | -17476  | -0.51% | -0.056% |
| 200 | 12.059 | 12.031 | 12.088 | PH | -234       | -21401  | -0.63% | -0.068% |
| 201 | 12.099 | 12.088 | 12.121 | PH | -741       | -16206  | -0.48% | -0.052% |
| 202 | 12.133 | 12.121 | 12.165 | PH | -741       | -20816  | -0.61% | -0.066% |
| 203 | 12.187 | 12.165 | 12.201 | PH | -521       | -13896  | -0.41% | -0.044% |
| 204 | 12.235 | 12.201 | 12.378 | PH | 229850     | 2867601 | 84.17% | 9.117%  |
| 205 | 12.390 | 12.378 | 12.427 | PH | -596       | -20046  | -0.59% | -0.064% |
| 206 | 12.455 | 12.427 | 12.474 | PH | -625       | -19530  | -0.57% | -0.062% |
| 207 | 12.485 | 12.474 | 12.545 | PH | -543       | -29154  | -0.86% | -0.093% |
| 208 | 12.555 | 12.545 | 12.572 | PH | -722       | -12488  | -0.37% | -0.040% |
| 209 | 12.648 | 12.572 | 12.749 | PH | -64        | -47403  | -1.39% | -0.151% |
| 210 | 12.760 | 12.749 | 12.793 | PH | -517       | -16237  | -0.48% | -0.052% |
| 211 | 12.806 | 12.793 | 12.817 | PH | -619       | -10050  | -0.29% | -0.032% |
| 212 | 12.846 | 12.817 | 12.894 | PH | 3117       | 20534   | 0.60%  | 0.065%  |
| 213 | 12.920 | 12.894 | 13.046 | PH | -406       | -57854  | -1.70% | -0.184% |
| 214 | 13.071 | 13.046 | 13.143 | PH | 230        | -26625  | -0.78% | -0.085% |
| 215 | 13.162 | 13.143 | 13.201 | PH | -707       | -27138  | -0.80% | -0.086% |
| 216 | 13.228 | 13.201 | 13.321 | PH | -252       | -44003  | -1.29% | -0.140% |
| 217 | 13.385 | 13.321 | 13.398 | PH | 6633       | 56113   | 1.65%  | 0.178%  |
| 218 | 13.429 | 13.398 | 13.549 | HH | 230546     | 2939221 | 86.27% | 9.345%  |
| 219 | 13.556 | 13.549 | 13.572 | PH | -602       | -9133   | -0.27% | -0.029% |
| 220 | 13.586 | 13.572 | 13.627 | PH | -362       | -22601  | -0.66% | -0.072% |
| 221 | 13.653 | 13.627 | 13.677 | PH | -602       | -20463  | -0.60% | -0.065% |
| 222 | 13.696 | 13.677 | 13.711 | PH | -718       | -15965  | -0.47% | -0.051% |
| 223 | 13.724 | 13.711 | 13.746 | PH | -764       | -16911  | -0.50% | -0.054% |
| 224 | 13.790 | 13.746 | 13.811 | PH | -136       | -21860  | -0.64% | -0.069% |
| 225 | 13.841 | 13.811 | 13.921 | PH | 890        | -3036   | -0.09% | -0.010% |
| 226 | 13.928 | 13.921 | 13.937 | PH | -580       | -5885   | -0.17% | -0.019% |
| 227 | 13.987 | 13.937 | 14.046 | PH | 11736      | 187160  | 5.49%  | 0.595%  |
| 228 | 14.069 | 14.046 | 14.173 | HH | 1514       | 22869   | 0.67%  | 0.073%  |
| 229 | 14.187 | 14.173 | 14.204 | PH | -399       | -9425   | -0.28% | -0.030% |
| 230 | 14.231 | 14.204 | 14.287 | PH | 965        | 3166    | 0.09%  | 0.010%  |
| 231 | 14.326 | 14.287 | 14.372 | PH | 176920     | 2544377 | 74.68% | 8.089%  |
| 232 | 14.380 | 14.372 | 14.462 | HH | 1006       | 3580    | 0.11%  | 0.011%  |
| 233 | 14.528 | 14.462 | 14.664 | PH | 240835     | 3244060 | 95.22% | 10.314% |
| 234 | 14.720 | 14.664 | 14.787 | PH | 232        | -11232  | -0.33% | -0.036% |
| 235 | 14.798 | 14.787 | 14.816 | PH | -246       | -4721   | -0.14% | -0.015% |
| 236 | 14.860 | 14.816 | 14.877 | PH | 1380       | 17229   | 0.51%  | 0.055%  |
| 237 | 14.911 | 14.877 | 15.014 | HH | 36362      | 857437  | 25.17% | 2.726%  |
| 238 | 15.046 | 15.014 | 15.078 | HH | 25556      | 364367  | 10.69% | 1.158%  |
| 239 | 15.095 | 15.078 | 15.177 | HH | 2691       | 48859   | 1.43%  | 0.155%  |
| 240 | 15.184 | 15.177 | 15.199 | HH | 204        | 2034    | 0.06%  | 0.006%  |
| 241 | 15.226 | 15.199 | 15.257 | HH | 487        | 10291   | 0.30%  | 0.033%  |
| 242 | 15.276 | 15.257 | 15.284 | HH | 374        | 4116    | 0.12%  | 0.013%  |
| 243 | 15.307 | 15.284 | 15.322 | HH | 588        | 10796   | 0.32%  | 0.034%  |
| 244 | 15.366 | 15.322 | 15.391 | HH | 2462       | 54764   | 1.61%  | 0.174%  |
| 245 | 15.417 | 15.391 | 15.499 | HH | 2773       | 85835   | 2.52%  | 0.273%  |
| 246 | 15.546 | 15.499 | 15.646 | HH | 231067     | 3278464 | 96.23% | 10.423% |

|     |        |        |        |     |                         |         |          |         |  |
|-----|--------|--------|--------|-----|-------------------------|---------|----------|---------|--|
|     |        |        |        |     | rteres.txt              |         |          |         |  |
| 247 | 15.664 | 15.646 | 15.694 | HH  | 859                     | 21077   | 0.62%    | 0.067%  |  |
| 248 | 15.825 | 15.694 | 15.841 | HH  | 3239                    | 122404  | 3.59%    | 0.389%  |  |
| 249 | 15.853 | 15.841 | 15.879 | HH  | 3260                    | 53622   | 1.57%    | 0.170%  |  |
| 250 | 15.903 | 15.879 | 15.911 | HH  | 3187                    | 46425   | 1.36%    | 0.148%  |  |
| 251 | 15.930 | 15.911 | 15.992 | HH  | 4314                    | 140600  | 4.13%    | 0.447%  |  |
| 252 | 16.025 | 15.992 | 16.066 | HH  | 33927                   | 519085  | 15.24%   | 1.650%  |  |
| 253 | 16.081 | 16.066 | 16.112 | HH  | 1695                    | 43860   | 1.29%    | 0.139%  |  |
| 254 | 16.122 | 16.112 | 16.139 | HH  | 1579                    | 24244   | 0.71%    | 0.077%  |  |
| 255 | 16.152 | 16.139 | 16.160 | HH  | 1551                    | 18709   | 0.55%    | 0.059%  |  |
| 256 | 16.185 | 16.160 | 16.202 | HH  | 1875                    | 43345   | 1.27%    | 0.138%  |  |
| 257 | 16.244 | 16.202 | 16.256 | HH  | 2117                    | 59985   | 1.76%    | 0.191%  |  |
| 258 | 16.266 | 16.256 | 16.284 | HH  | 2066                    | 32055   | 0.94%    | 0.102%  |  |
| 259 | 16.323 | 16.284 | 16.347 | HH  | 4198                    | 111729  | 3.28%    | 0.355%  |  |
| 260 | 16.370 | 16.347 | 16.393 | HH  | 4060                    | 83896   | 2.46%    | 0.267%  |  |
| 261 | 16.406 | 16.393 | 16.429 | HH  | 2625                    | 50257   | 1.48%    | 0.160%  |  |
| 262 | 16.491 | 16.429 | 16.551 | HHA | 229779                  | 3407046 | 100.00%  | 10.832% |  |
|     |        |        |        |     | Sum of corrected areas: |         | 31453024 |         |  |

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