

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF040319\  
 Data File : FF004086.D  
 Signal(s) : FID2B.ch  
 Acq On : 03 Apr 2019 16:36  
 Sample : K2213-01  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF040219.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         | 2.211       | 2.192        | 2.249      | BH       | 486            | 2169         | 0.03%          | 0.001%        |
| 2         | 2.256       | 2.249        | 2.275      | PH       | -16            | -1953        | -0.03%         | -0.001%       |
| 3         | 2.284       | 2.275        | 2.305      | PH       | -117           | -3379        | -0.05%         | -0.002%       |
| 4         | 2.311       | 2.305        | 2.346      | PH       | -193           | -6398        | -0.10%         | -0.004%       |
| 5         | 2.360       | 2.346        | 2.369      | PH       | -229           | -4033        | -0.06%         | -0.002%       |
| 6         | 2.381       | 2.369        | 2.386      | PH       | -75            | -1795        | -0.03%         | -0.001%       |
| 7         | 2.390       | 2.386        | 2.407      | PH       | -80            | -2284        | -0.04%         | -0.001%       |
| 8         | 2.418       | 2.407        | 2.425      | PH       | -252           | -3210        | -0.05%         | -0.002%       |
| 9         | 2.436       | 2.425        | 2.467      | PH       | -91            | -6810        | -0.11%         | -0.004%       |
| 10        | 2.476       | 2.467        | 2.519      | PH       | -89            | -11345       | -0.18%         | -0.006%       |
| 11        | 2.536       | 2.519        | 2.546      | PH       | -403           | -7504        | -0.12%         | -0.004%       |
| 12        | 2.554       | 2.546        | 2.577      | PH       | -379           | -8676        | -0.14%         | -0.005%       |
| 13        | 2.611       | 2.577        | 2.617      | PH       | -420           | -11835       | -0.19%         | -0.007%       |
| 14        | 2.622       | 2.617        | 2.629      | PH       | -446           | -3614        | -0.06%         | -0.002%       |
| 15        | 2.657       | 2.629        | 2.671      | PH       | -464           | -12679       | -0.20%         | -0.007%       |
| 16        | 2.677       | 2.671        | 2.702      | PH       | -441           | -10258       | -0.16%         | -0.006%       |
| 17        | 2.705       | 2.702        | 2.734      | PH       | -511           | -11439       | -0.18%         | -0.006%       |
| 18        | 2.741       | 2.734        | 2.745      | PH       | -605           | -3995        | -0.06%         | -0.002%       |
| 19        | 2.750       | 2.745        | 2.792      | PH       | -517           | -18278       | -0.29%         | -0.010%       |
| 20        | 2.807       | 2.792        | 2.836      | PH       | -420           | -14640       | -0.23%         | -0.008%       |
| 21        | 2.847       | 2.836        | 2.870      | PH       | -584           | -13943       | -0.22%         | -0.008%       |
| 22        | 2.877       | 2.870        | 2.902      | PH       | -647           | -13868       | -0.22%         | -0.008%       |
| 23        | 2.914       | 2.902        | 2.919      | PH       | -674           | -7164        | -0.11%         | -0.004%       |
| 24        | 2.923       | 2.919        | 2.937      | PH       | -694           | -8224        | -0.13%         | -0.005%       |
| 25        | 2.941       | 2.937        | 2.956      | PH       | -647           | -8007        | -0.13%         | -0.004%       |
| 26        | 2.976       | 2.956        | 2.997      | PH       | -651           | -17448       | -0.28%         | -0.010%       |
| 27        | 3.005       | 2.997        | 3.023      | PH       | -700           | -11506       | -0.18%         | -0.006%       |
| 28        | 3.027       | 3.023        | 3.058      | PH       | -718           | -16576       | -0.26%         | -0.009%       |
| 29        | 3.067       | 3.058        | 3.097      | PH       | -736           | -20133       | -0.32%         | -0.011%       |
| 30        | 3.099       | 3.097        | 3.119      | PH       | -824           | -11391       | -0.18%         | -0.006%       |
| 31        | 3.126       | 3.119        | 3.132      | PH       | -846           | -6964        | -0.11%         | -0.004%       |
| 32        | 3.137       | 3.132        | 3.144      | PH       | -748           | -5841        | -0.09%         | -0.003%       |
| 33        | 3.150       | 3.144        | 3.189      | PH       | -744           | -22291       | -0.35%         | -0.013%       |
| 34        | 3.194       | 3.189        | 3.201      | PH       | -786           | -5796        | -0.09%         | -0.003%       |
| 35        | 3.222       | 3.201        | 3.273      | PH       | -743           | -36621       | -0.58%         | -0.021%       |
| 36        | 3.278       | 3.273        | 3.296      | PH       | -855           | -12375       | -0.20%         | -0.007%       |

|    |       |       |       |    | rteres |         |        |         |
|----|-------|-------|-------|----|--------|---------|--------|---------|
| 37 | 3.326 | 3.296 | 3.344 | PH | -855   | -26327  | -0.42% | -0.015% |
| 38 | 3.349 | 3.344 | 3.371 | PH | -865   | -15760  | -0.25% | -0.009% |
| 39 | 3.376 | 3.371 | 3.384 | PH | -900   | -7119   | -0.11% | -0.004% |
| 40 | 3.388 | 3.384 | 3.423 | PH | -907   | -22453  | -0.35% | -0.013% |
| 41 | 3.442 | 3.423 | 3.451 | PH | -922   | -15648  | -0.25% | -0.009% |
| 42 | 3.456 | 3.451 | 3.470 | PH | -882   | -10841  | -0.17% | -0.006% |
| 43 | 3.474 | 3.470 | 3.492 | PH | -866   | -12915  | -0.20% | -0.007% |
| 44 | 3.507 | 3.492 | 3.513 | PH | -913   | -11756  | -0.19% | -0.007% |
| 45 | 3.532 | 3.513 | 3.537 | PH | -905   | -14386  | -0.23% | -0.008% |
| 46 | 3.541 | 3.537 | 3.588 | PH | -929   | -30991  | -0.49% | -0.017% |
| 47 | 3.602 | 3.588 | 3.637 | PH | -938   | -30385  | -0.48% | -0.017% |
| 48 | 3.656 | 3.637 | 3.734 | PH | 845    | -22930  | -0.36% | -0.013% |
| 49 | 3.737 | 3.734 | 3.741 | PH | -873   | -3736   | -0.06% | -0.002% |
| 50 | 3.744 | 3.741 | 3.750 | PH | -871   | -5089   | -0.08% | -0.003% |
| 51 | 3.762 | 3.750 | 3.769 | PH | -864   | -10654  | -0.17% | -0.006% |
| 52 | 3.792 | 3.769 | 3.797 | PH | -672   | -13199  | -0.21% | -0.007% |
| 53 | 3.801 | 3.797 | 3.854 | PH | -623   | -27093  | -0.43% | -0.015% |
| 54 | 3.858 | 3.854 | 3.869 | PH | -871   | -8287   | -0.13% | -0.005% |
| 55 | 3.887 | 3.869 | 3.901 | PH | -862   | -17674  | -0.28% | -0.010% |
| 56 | 3.918 | 3.901 | 3.924 | PH | -934   | -13345  | -0.21% | -0.007% |
| 57 | 3.980 | 3.924 | 4.011 | PH | -560   | -37539  | -0.59% | -0.021% |
| 58 | 4.016 | 4.011 | 4.032 | PH | -638   | -8704   | -0.14% | -0.005% |
| 59 | 4.053 | 4.032 | 4.064 | PH | -676   | -13702  | -0.22% | -0.008% |
| 60 | 4.068 | 4.064 | 4.087 | PH | -668   | -10249  | -0.16% | -0.006% |
| 61 | 4.094 | 4.087 | 4.105 | PH | -699   | -8142   | -0.13% | -0.005% |
| 62 | 4.110 | 4.105 | 4.114 | PH | -760   | -4122   | -0.07% | -0.002% |
| 63 | 4.120 | 4.114 | 4.134 | PH | -727   | -9650   | -0.15% | -0.005% |
| 64 | 4.141 | 4.134 | 4.147 | PH | -761   | -6516   | -0.10% | -0.004% |
| 65 | 4.151 | 4.147 | 4.167 | PH | -784   | -10155  | -0.16% | -0.006% |
| 66 | 4.199 | 4.167 | 4.206 | PH | -808   | -20499  | -0.32% | -0.011% |
| 67 | 4.214 | 4.206 | 4.233 | PH | -875   | -15049  | -0.24% | -0.008% |
| 68 | 4.238 | 4.233 | 4.241 | PH | -863   | -4833   | -0.08% | -0.003% |
| 69 | 4.246 | 4.241 | 4.269 | PH | -845   | -15860  | -0.25% | -0.009% |
| 70 | 4.299 | 4.269 | 4.308 | PH | -454   | -17569  | -0.28% | -0.010% |
| 71 | 4.321 | 4.308 | 4.396 | PH | 805    | 10201   | 0.16%  | 0.006%  |
| 72 | 4.400 | 4.396 | 4.429 | PH | -153   | -6083   | -0.10% | -0.003% |
| 73 | 4.446 | 4.429 | 4.491 | PH | 1752   | 7297    | 0.12%  | 0.004%  |
| 74 | 4.494 | 4.491 | 4.501 | PH | -368   | -2678   | -0.04% | -0.002% |
| 75 | 4.516 | 4.501 | 4.565 | PH | -148   | -15425  | -0.24% | -0.009% |
| 76 | 4.601 | 4.565 | 4.803 | PH | 116278 | 2046717 | 32.29% | 1.148%  |
| 77 | 4.823 | 4.803 | 4.881 | HH | 2926   | 60077   | 0.95%  | 0.034%  |
| 78 | 4.890 | 4.881 | 4.972 | HH | 693    | 11230   | 0.18%  | 0.006%  |
| 79 | 4.977 | 4.972 | 5.018 | PH | -48    | -3889   | -0.06% | -0.002% |
| 80 | 5.024 | 5.018 | 5.031 | PH | -147   | -1682   | -0.03% | -0.001% |
| 81 | 5.036 | 5.031 | 5.064 | PH | -162   | -5783   | -0.09% | -0.003% |
| 82 | 5.066 | 5.064 | 5.074 | PH | -306   | -2194   | -0.03% | -0.001% |
| 83 | 5.082 | 5.074 | 5.088 | PH | -341   | -3557   | -0.06% | -0.002% |
| 84 | 5.092 | 5.088 | 5.111 | PH | -418   | -6267   | -0.10% | -0.004% |
| 85 | 5.114 | 5.111 | 5.142 | PH | -447   | -9974   | -0.16% | -0.006% |
| 86 | 5.167 | 5.142 | 5.209 | PH | -188   | -15549  | -0.25% | -0.009% |
| 87 | 5.227 | 5.209 | 5.269 | PH | -343   | -15929  | -0.25% | -0.009% |
| 88 | 5.276 | 5.269 | 5.280 | PH | -400   | -2986   | -0.05% | -0.002% |
| 89 | 5.288 | 5.280 | 5.296 | PH | -379   | -4435   | -0.07% | -0.002% |

|     |       |       |       |    |        |        |        |         |
|-----|-------|-------|-------|----|--------|--------|--------|---------|
|     |       |       |       |    | rteres |        |        |         |
| 90  | 5.300 | 5.296 | 5.329 | PH | -406   | -9620  | -0.15% | -0.005% |
| 91  | 5.336 | 5.329 | 5.351 | PH | -257   | -5234  | -0.08% | -0.003% |
| 92  | 5.354 | 5.351 | 5.358 | PH | -376   | -1762  | -0.03% | -0.001% |
| 93  | 5.362 | 5.358 | 5.399 | PH | -344   | -10830 | -0.17% | -0.006% |
| 94  | 5.420 | 5.399 | 5.475 | PH | -294   | -18212 | -0.29% | -0.010% |
| 95  | 5.701 | 5.475 | 5.713 | PH | 95     | -31446 | -0.50% | -0.018% |
| 96  | 5.730 | 5.713 | 5.753 | PH | 48     | -494   | -0.01% | -0.000% |
| 97  | 5.894 | 5.753 | 5.938 | PH | 1260   | 54593  | 0.86%  | 0.031%  |
| 98  | 5.951 | 5.938 | 5.962 | HH | 944    | 13285  | 0.21%  | 0.007%  |
| 99  | 5.969 | 5.962 | 6.016 | HH | 934    | 25283  | 0.40%  | 0.014%  |
| 100 | 6.035 | 6.016 | 6.148 | HH | 1425   | 16796  | 0.26%  | 0.009%  |
| 101 | 6.162 | 6.148 | 6.271 | PH | -394   | -39354 | -0.62% | -0.022% |
| 102 | 6.276 | 6.271 | 6.295 | PH | -611   | -9734  | -0.15% | -0.005% |
| 103 | 6.317 | 6.295 | 6.394 | PH | -204   | -40652 | -0.64% | -0.023% |
| 104 | 6.404 | 6.394 | 6.451 | PH | -802   | -30230 | -0.48% | -0.017% |
| 105 | 6.465 | 6.451 | 6.484 | PH | -903   | -18397 | -0.29% | -0.010% |
| 106 | 6.505 | 6.484 | 6.566 | PH | -413   | -39569 | -0.62% | -0.022% |
| 107 | 6.580 | 6.566 | 6.617 | PH | -908   | -29824 | -0.47% | -0.017% |
| 108 | 6.640 | 6.617 | 6.674 | PH | -962   | -34117 | -0.54% | -0.019% |
| 109 | 6.686 | 6.674 | 6.712 | PH | -973   | -22762 | -0.36% | -0.013% |
| 110 | 6.767 | 6.712 | 6.785 | PH | -856   | -41495 | -0.65% | -0.023% |
| 111 | 6.865 | 6.785 | 6.916 | PH | -557   | -57041 | -0.90% | -0.032% |
| 112 | 6.939 | 6.916 | 7.001 | PH | -567   | -34419 | -0.54% | -0.019% |
| 113 | 7.015 | 7.001 | 7.056 | PH | -579   | -26733 | -0.42% | -0.015% |
| 114 | 7.079 | 7.056 | 7.125 | PH | -821   | -38112 | -0.60% | -0.021% |
| 115 | 7.142 | 7.125 | 7.177 | PH | -882   | -29916 | -0.47% | -0.017% |
| 116 | 7.187 | 7.177 | 7.221 | PH | -903   | -25445 | -0.40% | -0.014% |
| 117 | 7.240 | 7.221 | 7.284 | PH | -725   | -37066 | -0.58% | -0.021% |
| 118 | 7.298 | 7.284 | 7.328 | PH | -1093  | -31066 | -0.49% | -0.017% |
| 119 | 7.354 | 7.328 | 7.364 | PH | -1122  | -25483 | -0.40% | -0.014% |
| 120 | 7.414 | 7.364 | 7.452 | PH | -1061  | -60739 | -0.96% | -0.034% |
| 121 | 7.523 | 7.452 | 7.562 | PH | -447   | -57664 | -0.91% | -0.032% |
| 122 | 7.567 | 7.562 | 7.622 | PH | -888   | -38766 | -0.61% | -0.022% |
| 123 | 7.654 | 7.622 | 7.681 | PH | -923   | -36597 | -0.58% | -0.021% |
| 124 | 7.706 | 7.681 | 7.729 | PH | -854   | -28470 | -0.45% | -0.016% |
| 125 | 7.757 | 7.729 | 7.776 | PH | -1039  | -31965 | -0.50% | -0.018% |
| 126 | 7.844 | 7.776 | 7.854 | PH | -1015  | -49626 | -0.78% | -0.028% |
| 127 | 7.862 | 7.854 | 7.909 | PH | -1015  | -35170 | -0.55% | -0.020% |
| 128 | 7.929 | 7.909 | 7.986 | PH | -938   | -49047 | -0.77% | -0.028% |
| 129 | 8.018 | 7.986 | 8.047 | PH | -804   | -34656 | -0.55% | -0.019% |
| 130 | 8.075 | 8.047 | 8.089 | PH | -360   | -16242 | -0.26% | -0.009% |
| 131 | 8.109 | 8.089 | 8.152 | PH | 310    | -19785 | -0.31% | -0.011% |
| 132 | 8.174 | 8.152 | 8.203 | PH | 5363   | 69378  | 1.09%  | 0.039%  |
| 133 | 8.222 | 8.203 | 8.379 | HH | 2710   | -6280  | -0.10% | -0.004% |
| 134 | 8.387 | 8.379 | 8.421 | PH | -944   | -26729 | -0.42% | -0.015% |
| 135 | 8.461 | 8.421 | 8.486 | PH | -884   | -41205 | -0.65% | -0.023% |
| 136 | 8.516 | 8.486 | 8.576 | PH | -280   | -39246 | -0.62% | -0.022% |
| 137 | 8.596 | 8.576 | 8.611 | PH | -747   | -17442 | -0.28% | -0.010% |
| 138 | 8.641 | 8.611 | 8.664 | PH | -652   | -26096 | -0.41% | -0.015% |
| 139 | 8.672 | 8.664 | 8.711 | PH | -876   | -28296 | -0.45% | -0.016% |
| 140 | 8.719 | 8.711 | 8.731 | PH | -1003  | -12591 | -0.20% | -0.007% |
| 141 | 8.758 | 8.731 | 8.774 | PH | -888   | -25446 | -0.40% | -0.014% |

|     |        |        |        |    | rteres |        |        |         |
|-----|--------|--------|--------|----|--------|--------|--------|---------|
| 142 | 8.830  | 8.774  | 8.837  | PH | -607   | -31740 | -0.50% | -0.018% |
| 143 | 8.847  | 8.837  | 8.909  | PH | -580   | -33384 | -0.53% | -0.019% |
| 144 | 8.931  | 8.909  | 8.961  | PH | 22     | -14850 | -0.23% | -0.008% |
| 145 | 8.969  | 8.961  | 9.042  | PH | -681   | -44197 | -0.70% | -0.025% |
|     |        |        |        |    |        |        |        |         |
| 146 | 9.080  | 9.042  | 9.094  | PH | -884   | -31437 | -0.50% | -0.018% |
| 147 | 9.115  | 9.094  | 9.156  | PH | -824   | -35619 | -0.56% | -0.020% |
| 148 | 9.166  | 9.156  | 9.197  | PH | -935   | -24725 | -0.39% | -0.014% |
| 149 | 9.223  | 9.197  | 9.241  | PH | -907   | -26752 | -0.42% | -0.015% |
| 150 | 9.309  | 9.241  | 9.409  | PH | 771    | -28150 | -0.44% | -0.016% |
|     |        |        |        |    |        |        |        |         |
| 151 | 9.461  | 9.409  | 9.521  | PH | -315   | -34360 | -0.54% | -0.019% |
| 152 | 9.540  | 9.521  | 9.557  | PH | -156   | -10082 | -0.16% | -0.006% |
| 153 | 9.570  | 9.557  | 9.599  | PH | -465   | -16657 | -0.26% | -0.009% |
| 154 | 9.648  | 9.599  | 9.685  | PH | -421   | -31719 | -0.50% | -0.018% |
| 155 | 9.709  | 9.685  | 9.754  | PH | 745    | -10993 | -0.17% | -0.006% |
|     |        |        |        |    |        |        |        |         |
| 156 | 9.802  | 9.754  | 9.842  | PH | -278   | -27522 | -0.43% | -0.015% |
| 157 | 9.858  | 9.842  | 9.945  | PH | -715   | -53574 | -0.85% | -0.030% |
| 158 | 9.974  | 9.945  | 10.019 | PH | -881   | -44300 | -0.70% | -0.025% |
| 159 | 10.055 | 10.019 | 10.069 | PH | -803   | -27964 | -0.44% | -0.016% |
| 160 | 10.095 | 10.069 | 10.119 | PH | -496   | -20621 | -0.33% | -0.012% |
|     |        |        |        |    |        |        |        |         |
| 161 | 10.123 | 10.119 | 10.134 | PH | -659   | -6294  | -0.10% | -0.004% |
| 162 | 10.160 | 10.134 | 10.169 | PH | -556   | -13369 | -0.21% | -0.007% |
| 163 | 10.189 | 10.169 | 10.217 | PH | -433   | -15862 | -0.25% | -0.009% |
| 164 | 10.233 | 10.217 | 10.254 | PH | -512   | -13446 | -0.21% | -0.008% |
| 165 | 10.265 | 10.254 | 10.282 | PH | -544   | -9735  | -0.15% | -0.005% |
|     |        |        |        |    |        |        |        |         |
| 166 | 10.299 | 10.282 | 10.339 | PH | -343   | -16077 | -0.25% | -0.009% |
| 167 | 10.359 | 10.339 | 10.388 | PH | 204    | -1859  | -0.03% | -0.001% |
| 168 | 10.448 | 10.388 | 10.487 | PH | 840    | 10053  | 0.16%  | 0.006%  |
| 169 | 10.517 | 10.487 | 10.594 | PH | 303    | -13242 | -0.21% | -0.007% |
| 170 | 10.641 | 10.594 | 10.684 | PH | 1189   | 1965   | 0.03%  | 0.001%  |
|     |        |        |        |    |        |        |        |         |
| 171 | 10.707 | 10.684 | 10.761 | PH | 8716   | 156362 | 2.47%  | 0.088%  |
| 172 | 10.783 | 10.761 | 10.972 | HH | 15921  | 357902 | 5.65%  | 0.201%  |
| 173 | 11.022 | 10.972 | 11.115 | PH | 4199   | 125549 | 1.98%  | 0.070%  |
| 174 | 11.149 | 11.115 | 11.177 | HH | 1747   | 29175  | 0.46%  | 0.016%  |
| 175 | 11.198 | 11.177 | 11.212 | HH | 241    | 4753   | 0.07%  | 0.003%  |
|     |        |        |        |    |        |        |        |         |
| 176 | 11.235 | 11.212 | 11.284 | HH | 1229   | 19962  | 0.31%  | 0.011%  |
| 177 | 11.305 | 11.284 | 11.324 | PH | 502    | 5036   | 0.08%  | 0.003%  |
| 178 | 11.344 | 11.324 | 11.376 | PH | 275    | 2500   | 0.04%  | 0.001%  |
| 179 | 11.393 | 11.376 | 11.413 | PH | 204    | 1400   | 0.02%  | 0.001%  |
| 180 | 11.435 | 11.413 | 11.471 | PH | 405    | 7807   | 0.12%  | 0.004%  |
|     |        |        |        |    |        |        |        |         |
| 181 | 11.511 | 11.471 | 11.527 | HH | 2189   | 34439  | 0.54%  | 0.019%  |
| 182 | 11.544 | 11.527 | 11.594 | HH | 2617   | 60080  | 0.95%  | 0.034%  |
| 183 | 11.620 | 11.594 | 11.643 | HH | 5260   | 83373  | 1.32%  | 0.047%  |
| 184 | 11.656 | 11.643 | 11.672 | HH | 2360   | 33976  | 0.54%  | 0.019%  |
| 185 | 11.689 | 11.672 | 11.737 | HH | 2642   | 51455  | 0.81%  | 0.029%  |
|     |        |        |        |    |        |        |        |         |
| 186 | 11.818 | 11.737 | 11.841 | HH | 2126   | 71537  | 1.13%  | 0.040%  |
| 187 | 11.850 | 11.841 | 11.876 | HH | 1060   | 19086  | 0.30%  | 0.011%  |
| 188 | 11.906 | 11.876 | 11.964 | HH | 3921   | 109642 | 1.73%  | 0.062%  |
| 189 | 11.989 | 11.964 | 12.054 | HH | 1875   | 66881  | 1.06%  | 0.038%  |
| 190 | 12.079 | 12.054 | 12.206 | HH | 40182  | 593353 | 9.36%  | 0.333%  |
|     |        |        |        |    |        |        |        |         |
| 191 | 12.237 | 12.206 | 12.249 | HH | 1568   | 32741  | 0.52%  | 0.018%  |
| 192 | 12.257 | 12.249 | 12.282 | HH | 1441   | 27090  | 0.43%  | 0.015%  |
| 193 | 12.317 | 12.282 | 12.351 | HH | 1790   | 56840  | 0.90%  | 0.032%  |
| 194 | 12.377 | 12.351 | 12.392 | HH | 4910   | 77665  | 1.23%  | 0.044%  |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 12.404 | 12.392 | 12.429 | HH | 4711   | 75048   | 1.18%  | 0.042% |
| 196 | 12.460 | 12.429 | 12.496 | HH | 3995   | 105004  | 1.66%  | 0.059% |
| 197 | 12.521 | 12.496 | 12.590 | HH | 72594  | 1025611 | 16.18% | 0.575% |
| 198 | 12.609 | 12.590 | 12.646 | HH | 2667   | 74380   | 1.17%  | 0.042% |
| 199 | 12.672 | 12.646 | 12.692 | HH | 3380   | 74167   | 1.17%  | 0.042% |
| 200 | 12.713 | 12.692 | 12.751 | HH | 4822   | 108942  | 1.72%  | 0.061% |
| 201 | 12.770 | 12.751 | 12.792 | HH | 3073   | 63558   | 1.00%  | 0.036% |
| 202 | 12.819 | 12.792 | 12.852 | HH | 72029  | 945613  | 14.92% | 0.530% |
| 203 | 12.877 | 12.852 | 12.899 | HH | 9570   | 190016  | 3.00%  | 0.107% |
| 204 | 12.916 | 12.899 | 12.971 | HH | 7354   | 177538  | 2.80%  | 0.100% |
| 205 | 13.002 | 12.971 | 13.019 | HH | 3254   | 77561   | 1.22%  | 0.044% |
| 206 | 13.043 | 13.019 | 13.089 | HH | 7247   | 214548  | 3.38%  | 0.120% |
| 207 | 13.104 | 13.089 | 13.136 | HH | 5203   | 110337  | 1.74%  | 0.062% |
| 208 | 13.153 | 13.136 | 13.172 | HH | 4011   | 72589   | 1.15%  | 0.041% |
| 209 | 13.189 | 13.172 | 13.213 | HH | 3655   | 78250   | 1.23%  | 0.044% |
| 210 | 13.231 | 13.213 | 13.262 | HH | 3233   | 87598   | 1.38%  | 0.049% |
| 211 | 13.286 | 13.262 | 13.302 | HH | 6676   | 122420  | 1.93%  | 0.069% |
| 212 | 13.312 | 13.302 | 13.336 | HH | 5442   | 86504   | 1.36%  | 0.049% |
| 213 | 13.354 | 13.336 | 13.374 | HH | 8865   | 128861  | 2.03%  | 0.072% |
| 214 | 13.418 | 13.374 | 13.467 | HH | 11535  | 358437  | 5.65%  | 0.201% |
| 215 | 13.477 | 13.467 | 13.501 | HH | 4390   | 74992   | 1.18%  | 0.042% |
| 216 | 13.524 | 13.501 | 13.545 | HH | 8753   | 165868  | 2.62%  | 0.093% |
| 217 | 13.563 | 13.545 | 13.584 | HH | 7974   | 150172  | 2.37%  | 0.084% |
| 218 | 13.597 | 13.584 | 13.630 | HH | 5973   | 131901  | 2.08%  | 0.074% |
| 219 | 13.660 | 13.630 | 13.677 | HH | 8980   | 172512  | 2.72%  | 0.097% |
| 220 | 13.690 | 13.677 | 13.715 | HH | 8193   | 139794  | 2.21%  | 0.078% |
| 221 | 13.734 | 13.715 | 13.747 | HH | 5921   | 97568   | 1.54%  | 0.055% |
| 222 | 13.767 | 13.747 | 13.833 | HH | 12649  | 298971  | 4.72%  | 0.168% |
| 223 | 13.854 | 13.833 | 13.877 | HH | 4338   | 102468  | 1.62%  | 0.057% |
| 224 | 13.896 | 13.877 | 13.930 | HH | 4092   | 117626  | 1.86%  | 0.066% |
| 225 | 13.948 | 13.930 | 13.977 | HH | 3550   | 92946   | 1.47%  | 0.052% |
| 226 | 14.013 | 13.977 | 14.030 | HH | 4095   | 116002  | 1.83%  | 0.065% |
| 227 | 14.053 | 14.030 | 14.076 | HH | 6450   | 134246  | 2.12%  | 0.075% |
| 228 | 14.173 | 14.076 | 14.200 | HH | 9028   | 422007  | 6.66%  | 0.237% |
| 229 | 14.222 | 14.200 | 14.269 | HH | 11196  | 302798  | 4.78%  | 0.170% |
| 230 | 14.286 | 14.269 | 14.304 | HH | 5976   | 112505  | 1.77%  | 0.063% |
| 231 | 14.338 | 14.304 | 14.365 | HH | 11621  | 289595  | 4.57%  | 0.162% |
| 232 | 14.393 | 14.365 | 14.432 | HH | 15986  | 401362  | 6.33%  | 0.225% |
| 233 | 14.452 | 14.432 | 14.469 | HH | 8823   | 173897  | 2.74%  | 0.098% |
| 234 | 14.484 | 14.469 | 14.527 | HH | 9191   | 258873  | 4.08%  | 0.145% |
| 235 | 14.561 | 14.527 | 14.589 | HH | 164444 | 2329042 | 36.74% | 1.306% |
| 236 | 14.598 | 14.589 | 14.643 | HH | 13847  | 273600  | 4.32%  | 0.153% |
| 237 | 14.675 | 14.643 | 14.686 | HH | 8890   | 182850  | 2.88%  | 0.103% |
| 238 | 14.710 | 14.686 | 14.728 | HH | 47622  | 754610  | 11.90% | 0.423% |
| 239 | 14.749 | 14.728 | 14.797 | HH | 64694  | 1396558 | 22.03% | 0.783% |
| 240 | 14.818 | 14.797 | 14.842 | HH | 10214  | 247200  | 3.90%  | 0.139% |
| 241 | 14.866 | 14.842 | 14.886 | HH | 13329  | 270327  | 4.26%  | 0.152% |
| 242 | 14.903 | 14.886 | 14.940 | HH | 10383  | 286901  | 4.53%  | 0.161% |
| 243 | 14.953 | 14.940 | 14.969 | HH | 7623   | 124960  | 1.97%  | 0.070% |
| 244 | 14.983 | 14.969 | 15.002 | HH | 8057   | 150093  | 2.37%  | 0.084% |
| 245 | 15.056 | 15.002 | 15.079 | HH | 10184  | 392510  | 6.19%  | 0.220% |
| 246 | 15.097 | 15.079 | 15.119 | HH | 9979   | 204836  | 3.23%  | 0.115% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 15.146 | 15.119 | 15.172 | HH | 22716 | 460998  | 7.27%  | 0.259% |
| 248    | 15.187 | 15.172 | 15.219 | HH | 11774 | 294062  | 4.64%  | 0.165% |
| 249    | 15.235 | 15.219 | 15.256 | HH | 9712  | 200164  | 3.16%  | 0.112% |
| 250    | 15.286 | 15.256 | 15.329 | HH | 37780 | 922906  | 14.56% | 0.518% |
| 251    | 15.349 | 15.329 | 15.369 | HH | 14284 | 284221  | 4.48%  | 0.159% |
| 252    | 15.390 | 15.369 | 15.411 | HH | 16102 | 334279  | 5.27%  | 0.188% |
| 253    | 15.428 | 15.411 | 15.482 | HH | 14475 | 468444  | 7.39%  | 0.263% |
| 254    | 15.532 | 15.482 | 15.587 | HH | 12718 | 662011  | 10.44% | 0.371% |
| 255    | 15.609 | 15.587 | 15.644 | HH | 13083 | 360001  | 5.68%  | 0.202% |
| 256    | 15.655 | 15.644 | 15.694 | HH | 9147  | 259373  | 4.09%  | 0.145% |
| 257    | 15.716 | 15.694 | 15.746 | HH | 9367  | 261924  | 4.13%  | 0.147% |
| 258    | 15.786 | 15.746 | 15.831 | HH | 36509 | 816593  | 12.88% | 0.458% |
| 259    | 16.849 | 16.831 | 16.896 | HH | 9551  | 351772  | 5.55%  | 0.197% |
| 260    | 15.922 | 15.896 | 15.944 | HH | 9794  | 267565  | 4.22%  | 0.150% |
| 261    | 15.986 | 15.944 | 16.009 | HH | 10678 | 386142  | 6.09%  | 0.217% |
| 262    | 16.035 | 16.009 | 16.048 | HH | 11006 | 242251  | 3.82%  | 0.136% |
| 263    | 16.074 | 16.048 | 16.119 | HH | 13891 | 511866  | 8.07%  | 0.287% |
| 264    | 16.149 | 16.119 | 16.217 | HH | 14161 | 726753  | 11.46% | 0.408% |
| 265    | 16.271 | 16.217 | 16.331 | HH | 87011 | 2126752 | 33.55% | 1.193% |
| 266    | 16.351 | 16.331 | 16.382 | HH | 21410 | 492310  | 7.77%  | 0.276% |
| 267    | 16.409 | 16.382 | 16.482 | HH | 17161 | 846521  | 13.35% | 0.475% |
| 268    | 16.518 | 16.482 | 16.532 | HH | 22652 | 513403  | 8.10%  | 0.288% |
| 269    | 16.554 | 16.532 | 16.578 | HH | 39538 | 817923  | 12.90% | 0.459% |
| 270    | 16.597 | 16.578 | 16.639 | HH | 39606 | 982508  | 15.50% | 0.551% |
| 271    | 16.664 | 16.639 | 16.709 | HH | 32628 | 1033773 | 16.31% | 0.580% |
| 272    | 16.738 | 16.709 | 16.796 | HH | 51615 | 1436247 | 22.66% | 0.806% |
| 273    | 16.814 | 16.796 | 16.832 | HH | 19639 | 398725  | 6.29%  | 0.224% |
| 274    | 16.846 | 16.832 | 16.871 | HH | 18480 | 392473  | 6.19%  | 0.220% |
| 275    | 16.887 | 16.871 | 16.934 | HH | 17307 | 613155  | 9.67%  | 0.344% |
| 276    | 16.953 | 16.934 | 16.979 | HH | 15870 | 415135  | 6.55%  | 0.233% |
| 277    | 17.028 | 16.979 | 17.052 | HH | 18590 | 748539  | 11.81% | 0.420% |
| 278    | 17.068 | 17.052 | 17.096 | HH | 16854 | 418222  | 6.60%  | 0.235% |
| 279    | 17.118 | 17.096 | 17.142 | HH | 16658 | 442199  | 6.98%  | 0.248% |
| 280    | 17.188 | 17.142 | 17.260 | HH | 48202 | 1618387 | 25.53% | 0.908% |
| 281    | 17.326 | 17.260 | 17.378 | HH | 17852 | 1193765 | 18.83% | 0.670% |
| 282    | 17.390 | 17.378 | 17.428 | HH | 16868 | 483724  | 7.63%  | 0.271% |
| 283    | 17.470 | 17.428 | 17.492 | HH | 18982 | 680786  | 10.74% | 0.382% |
| 284    | 17.519 | 17.492 | 17.542 | HH | 18070 | 523635  | 8.26%  | 0.294% |
| 285    | 17.577 | 17.542 | 17.589 | HH | 17841 | 484955  | 7.65%  | 0.272% |
| 286    | 17.626 | 17.589 | 17.662 | HH | 51086 | 1297962 | 20.48% | 0.728% |
| 287    | 17.674 | 17.662 | 17.698 | HH | 20302 | 416121  | 6.56%  | 0.233% |
| 288    | 17.728 | 17.698 | 17.747 | HH | 32780 | 798141  | 12.59% | 0.448% |
| 289    | 17.779 | 17.747 | 17.804 | HH | 33044 | 989071  | 15.60% | 0.555% |
| 290    | 17.837 | 17.804 | 17.862 | HH | 31969 | 1010070 | 15.93% | 0.567% |
| 291    | 17.889 | 17.862 | 17.917 | HH | 37152 | 1046437 | 16.51% | 0.587% |
| 292    | 17.943 | 17.917 | 17.964 | HH | 40029 | 964402  | 15.21% | 0.541% |
| 293    | 17.990 | 17.964 | 18.022 | HH | 36054 | 1157465 | 18.26% | 0.649% |
| 294    | 18.047 | 18.022 | 18.164 | HH | 83061 | 3038685 | 47.94% | 1.705% |
| 295    | 18.210 | 18.164 | 18.227 | HH | 26354 | 976805  | 15.41% | 0.548% |
| 296    | 18.253 | 18.227 | 18.278 | HH | 49252 | 1067953 | 16.85% | 0.599% |
| 297    | 18.300 | 18.278 | 18.354 | HH | 35577 | 1350223 | 21.30% | 0.757% |
| 298    | 18.367 | 18.354 | 18.387 | HH | 26457 | 520192  | 8.21%  | 0.292% |
| 299    | 18.460 | 18.387 | 18.514 | HH | 45824 | 2374646 | 37.46% | 1.332% |

|     |        |        |        |     |        |         |         |        |
|-----|--------|--------|--------|-----|--------|---------|---------|--------|
|     |        |        |        |     | rteres |         |         |        |
| 300 | 18.606 | 18.514 | 18.613 | HH  | 30413  | 1723206 | 27.18%  | 0.967% |
| 301 | 18.623 | 18.613 | 18.653 | HH  | 30265  | 705840  | 11.13%  | 0.396% |
| 302 | 18.694 | 18.653 | 18.706 | HH  | 31422  | 969150  | 15.29%  | 0.544% |
| 303 | 18.744 | 18.706 | 18.784 | HH  | 38905  | 1635579 | 25.80%  | 0.917% |
| 304 | 18.837 | 18.784 | 18.848 | HH  | 50022  | 1617328 | 25.51%  | 0.907% |
| 305 | 18.859 | 18.848 | 18.882 | HH  | 49430  | 960072  | 15.15%  | 0.539% |
| 306 | 18.895 | 18.882 | 18.911 | HH  | 44094  | 737273  | 11.63%  | 0.414% |
| 307 | 18.934 | 18.911 | 18.961 | HH  | 46044  | 1330428 | 20.99%  | 0.746% |
| 308 | 18.995 | 18.961 | 19.021 | HH  | 51142  | 1674500 | 26.42%  | 0.939% |
| 309 | 19.038 | 19.021 | 19.051 | HH  | 47044  | 822354  | 12.97%  | 0.461% |
| 310 | 19.063 | 19.051 | 19.084 | HH  | 45977  | 890696  | 14.05%  | 0.500% |
| 311 | 19.107 | 19.084 | 19.136 | HH  | 46775  | 1358489 | 21.43%  | 0.762% |
| 312 | 19.173 | 19.136 | 19.199 | HH  | 41482  | 1505582 | 23.75%  | 0.845% |
| 313 | 19.247 | 19.199 | 19.271 | HH  | 46410  | 1808533 | 28.53%  | 1.014% |
| 314 | 19.304 | 19.271 | 19.329 | HH  | 44047  | 1499792 | 23.66%  | 0.841% |
| 315 | 19.359 | 19.329 | 19.374 | HH  | 43491  | 1155888 | 18.23%  | 0.648% |
| 316 | 19.410 | 19.374 | 19.419 | HH  | 44479  | 1191506 | 18.80%  | 0.668% |
| 317 | 19.520 | 19.419 | 19.576 | HH  | 53263  | 4537404 | 71.58%  | 2.545% |
| 318 | 19.624 | 19.576 | 19.647 | HH  | 53924  | 2197467 | 34.67%  | 1.233% |
| 319 | 19.687 | 19.647 | 19.709 | HH  | 53783  | 1937855 | 30.57%  | 1.087% |
| 320 | 19.782 | 19.709 | 19.811 | HH  | 58741  | 3395045 | 53.56%  | 1.904% |
| 321 | 19.866 | 19.811 | 19.889 | HH  | 70533  | 3052731 | 48.16%  | 1.712% |
| 322 | 19.922 | 19.889 | 19.941 | HH  | 73112  | 2183182 | 34.44%  | 1.225% |
| 323 | 19.971 | 19.941 | 19.983 | HH  | 72684  | 1796885 | 28.35%  | 1.008% |
| 324 | 20.011 | 19.983 | 20.036 | HH  | 80486  | 2401562 | 37.88%  | 1.347% |
| 325 | 20.059 | 20.036 | 20.084 | HH  | 78251  | 2145168 | 33.84%  | 1.203% |
| 326 | 20.105 | 20.084 | 20.131 | HH  | 75133  | 2022129 | 31.90%  | 1.134% |
| 327 | 20.152 | 20.131 | 20.187 | HH  | 75935  | 2426119 | 38.27%  | 1.361% |
| 328 | 20.197 | 20.187 | 20.209 | HH  | 68919  | 920179  | 14.52%  | 0.516% |
| 329 | 20.260 | 20.209 | 20.279 | HH  | 73624  | 2987197 | 47.12%  | 1.676% |
| 330 | 20.298 | 20.279 | 20.319 | HH  | 73250  | 1759294 | 27.75%  | 0.987% |
| 331 | 20.348 | 20.319 | 20.387 | HH  | 77419  | 3125652 | 49.31%  | 1.753% |
| 332 | 20.424 | 20.387 | 20.440 | HH  | 79193  | 2463934 | 38.87%  | 1.382% |
| 333 | 20.462 | 20.440 | 20.473 | HH  | 80090  | 1555828 | 24.54%  | 0.873% |
| 334 | 20.521 | 20.473 | 20.559 | HH  | 81610  | 4201938 | 66.29%  | 2.357% |
| 335 | 20.666 | 20.559 | 20.689 | HH  | 82633  | 6339112 | 100.00% | 3.556% |
| 336 | 20.717 | 20.689 | 20.746 | HH  | 83711  | 2825007 | 44.56%  | 1.585% |
| 337 | 20.801 | 20.746 | 20.819 | HH  | 83781  | 3616746 | 57.05%  | 2.029% |
| 338 | 20.879 | 20.819 | 20.897 | HH  | 90754  | 4112512 | 64.88%  | 2.307% |
| 339 | 20.911 | 20.897 | 20.941 | HH  | 88812  | 2282642 | 36.01%  | 1.280% |
| 340 | 20.965 | 20.941 | 20.984 | HH  | 89329  | 2279258 | 35.96%  | 1.279% |
| 341 | 21.021 | 20.984 | 21.045 | HH  | 89604  | 3232626 | 50.99%  | 1.813% |
| 342 | 21.069 | 21.045 | 21.097 | HH  | 89893  | 2764846 | 43.62%  | 1.551% |
| 343 | 21.111 | 21.097 | 21.157 | HH  | 86756  | 3062405 | 48.31%  | 1.718% |
| 344 | 21.179 | 21.157 | 21.275 | HH  | 84167  | 5742076 | 90.58%  | 3.221% |
| 345 | 21.314 | 21.275 | 21.324 | HH  | 80190  | 2344013 | 36.98%  | 1.315% |
| 346 | 21.349 | 21.324 | 21.387 | HH  | 81072  | 3050289 | 48.12%  | 1.711% |
| 347 | 21.400 | 21.387 | 21.432 | HH  | 79338  | 2113678 | 33.34%  | 1.186% |
| 348 | 21.451 | 21.432 | 21.486 | HH  | 78844  | 2532159 | 39.95%  | 1.420% |
| 349 | 21.525 | 21.486 | 21.555 | HH  | 79698  | 3314249 | 52.28%  | 1.859% |
| 350 | 21.587 | 21.555 | 21.651 | HHA | 80234  | 4550494 | 71.78%  | 2.553% |

Sum of corrected areas: 178273275

rteres

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