

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF121121\  
 Data File : FF009376.D  
 Signal(s) : FID2B.ch  
 Acq On : 11 Dec 2021 14:13  
 Sample : M4992-10 10X  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF112321.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         | 2.312       | 2.300        | 2.331      | BH       | 86             | 288          | 0.01%          | 0.000%        |
| 2         | 2.367       | 2.331        | 2.399      | PH       | 126            | 524          | 0.01%          | 0.000%        |
| 3         | 2.403       | 2.399        | 2.411      | PH       | 58             | 32           | 0.00%          | 0.000%        |
| 4         | 2.414       | 2.411        | 2.418      | PH       | 27             | 91           | 0.00%          | 0.000%        |
| 5         | 2.422       | 2.418        | 2.445      | PH       | 92             | -507         | -0.01%         | -0.000%       |
| 6         | 2.467       | 2.445        | 2.497      | PH       | 26             | -1697        | -0.05%         | -0.001%       |
| 7         | 2.501       | 2.497        | 2.512      | PH       | -6             | -514         | -0.01%         | -0.000%       |
| 8         | 2.521       | 2.512        | 2.560      | PH       | 87             | -636         | -0.02%         | -0.000%       |
| 9         | 2.564       | 2.560        | 2.569      | PH       | -53            | -601         | -0.02%         | -0.000%       |
| 10        | 2.581       | 2.569        | 2.588      | PH       | 63             | -274         | -0.01%         | -0.000%       |
| 11        | 2.603       | 2.588        | 2.626      | PH       | 393            | -3364        | -0.09%         | -0.002%       |
| 12        | 2.659       | 2.626        | 2.665      | PH       | -548           | -14421       | -0.39%         | -0.010%       |
| 13        | 2.688       | 2.665        | 2.693      | PH       | -421           | -8800        | -0.24%         | -0.006%       |
| 14        | 2.699       | 2.693        | 2.728      | PH       | -410           | -10524       | -0.28%         | -0.007%       |
| 15        | 2.741       | 2.728        | 2.789      | PH       | -379           | -16480       | -0.45%         | -0.012%       |
| 16        | 2.797       | 2.789        | 2.804      | PH       | -370           | -3667        | -0.10%         | -0.003%       |
| 17        | 2.806       | 2.804        | 2.822      | PH       | -363           | -4247        | -0.11%         | -0.003%       |
| 18        | 2.829       | 2.822        | 2.833      | PH       | -334           | -2528        | -0.07%         | -0.002%       |
| 19        | 2.841       | 2.833        | 2.879      | PH       | -255           | -9713        | -0.26%         | -0.007%       |
| 20        | 2.883       | 2.879        | 2.894      | PH       | -328           | -3311        | -0.09%         | -0.002%       |
| 21        | 2.908       | 2.894        | 2.934      | PH       | -311           | -8756        | -0.24%         | -0.006%       |
| 22        | 2.956       | 2.934        | 2.982      | PH       | -136           | -9394        | -0.25%         | -0.007%       |
| 23        | 2.991       | 2.982        | 2.999      | PH       | -289           | -3173        | -0.09%         | -0.002%       |
| 24        | 3.004       | 2.999        | 3.012      | PH       | -297           | -2907        | -0.08%         | -0.002%       |
| 25        | 3.025       | 3.012        | 3.069      | PH       | -293           | -13752       | -0.37%         | -0.010%       |
| 26        | 3.075       | 3.069        | 3.097      | PH       | -347           | -7802        | -0.21%         | -0.006%       |
| 27        | 3.103       | 3.097        | 3.116      | PH       | -466           | -5583        | -0.15%         | -0.004%       |
| 28        | 3.125       | 3.116        | 3.151      | PH       | -454           | -10745       | -0.29%         | -0.008%       |
| 29        | 3.156       | 3.151        | 3.176      | PH       | -481           | -8030        | -0.22%         | -0.006%       |
| 30        | 3.190       | 3.176        | 3.206      | PH       | -487           | -9719        | -0.26%         | -0.007%       |
| 31        | 3.209       | 3.206        | 3.241      | PH       | -494           | -11639       | -0.31%         | -0.008%       |
| 32        | 3.250       | 3.241        | 3.271      | PH       | -547           | -10504       | -0.28%         | -0.007%       |
| 33        | 3.278       | 3.271        | 3.292      | PH       | -555           | -7296        | -0.20%         | -0.005%       |
| 34        | 3.298       | 3.292        | 3.302      | PH       | -532           | -3736        | -0.10%         | -0.003%       |
| 35        | 3.317       | 3.302        | 3.322      | PH       | -506           | -6637        | -0.18%         | -0.005%       |
| 36        | 3.328       | 3.322        | 3.347      | PH       | -562           | -9172        | -0.25%         | -0.006%       |

|    |       |       |       |    | rteres |        |        |         |
|----|-------|-------|-------|----|--------|--------|--------|---------|
| 37 | 3.354 | 3.347 | 3.359 | PH | -557   | -4161  | -0.11% | -0.003% |
| 38 | 3.369 | 3.359 | 3.382 | PH | -585   | -8732  | -0.24% | -0.006% |
| 39 | 3.395 | 3.382 | 3.411 | PH | -561   | -10715 | -0.29% | -0.008% |
| 40 | 3.422 | 3.411 | 3.431 | PH | -634   | -7909  | -0.21% | -0.006% |
| 41 | 3.440 | 3.431 | 3.449 | PH | -622   | -7085  | -0.19% | -0.005% |
| 42 | 3.473 | 3.449 | 3.512 | PH | -572   | -24658 | -0.67% | -0.017% |
| 43 | 3.540 | 3.512 | 3.562 | PH | -612   | -19712 | -0.53% | -0.014% |
| 44 | 3.575 | 3.562 | 3.587 | PH | -635   | -10020 | -0.27% | -0.007% |
| 45 | 3.595 | 3.587 | 3.614 | PH | -622   | -10273 | -0.28% | -0.007% |
| 46 | 3.621 | 3.614 | 3.664 | PH | -559   | -19644 | -0.53% | -0.014% |
| 47 | 3.692 | 3.664 | 3.731 | PH | -591   | -26896 | -0.73% | -0.019% |
| 48 | 3.736 | 3.731 | 3.757 | PH | -692   | -11059 | -0.30% | -0.008% |
| 49 | 3.797 | 3.757 | 3.871 | PH | -410   | -38347 | -1.04% | -0.027% |
| 50 | 3.912 | 3.871 | 3.941 | PH | -428   | -21909 | -0.59% | -0.016% |
| 51 | 3.957 | 3.941 | 4.027 | PH | -334   | -27770 | -0.75% | -0.020% |
| 52 | 4.059 | 4.027 | 4.084 | PH | -538   | -20984 | -0.57% | -0.015% |
| 53 | 4.102 | 4.084 | 4.177 | PH | -265   | -26149 | -0.71% | -0.019% |
| 54 | 4.185 | 4.177 | 4.206 | PH | -478   | -9666  | -0.26% | -0.007% |
| 55 | 4.299 | 4.206 | 4.362 | PH | -111   | -32368 | -0.87% | -0.023% |
| 56 | 4.388 | 4.362 | 4.414 | PH | 16     | -4384  | -0.12% | -0.003% |
| 57 | 4.426 | 4.414 | 4.442 | PH | -97    | -2403  | -0.06% | -0.002% |
| 58 | 4.481 | 4.442 | 4.536 | PH | 94     | -3918  | -0.11% | -0.003% |
| 59 | 4.591 | 4.536 | 4.697 | PH | 261    | -20953 | -0.57% | -0.015% |
| 60 | 4.723 | 4.697 | 4.732 | PH | -281   | -8615  | -0.23% | -0.006% |
| 61 | 4.749 | 4.732 | 4.850 | PH | -267   | -33004 | -0.89% | -0.023% |
| 62 | 4.862 | 4.850 | 4.875 | PH | -457   | -7925  | -0.21% | -0.006% |
| 63 | 4.912 | 4.875 | 4.924 | PH | -343   | -13534 | -0.37% | -0.010% |
| 64 | 4.931 | 4.924 | 4.940 | PH | -409   | -4340  | -0.12% | -0.003% |
| 65 | 4.949 | 4.940 | 5.014 | PH | -403   | -25559 | -0.69% | -0.018% |
| 66 | 5.035 | 5.014 | 5.122 | PH | 6980   | 71196  | 1.92%  | 0.050%  |
| 67 | 5.138 | 5.122 | 5.175 | PH | -185   | -10982 | -0.30% | -0.008% |
| 68 | 5.195 | 5.175 | 5.209 | PH | -317   | -8160  | -0.22% | -0.006% |
| 69 | 5.238 | 5.209 | 5.250 | PH | 127    | -2889  | -0.08% | -0.002% |
| 70 | 5.269 | 5.250 | 5.304 | PH | 683    | 7326   | 0.20%  | 0.005%  |
| 71 | 5.314 | 5.304 | 5.381 | HH | 146    | -7733  | -0.21% | -0.005% |
| 72 | 5.406 | 5.381 | 5.432 | PH | 287    | -2135  | -0.06% | -0.002% |
| 73 | 5.447 | 5.432 | 5.490 | PH | 53     | -9072  | -0.25% | -0.006% |
| 74 | 5.506 | 5.490 | 5.517 | PH | -322   | -6099  | -0.16% | -0.004% |
| 75 | 5.537 | 5.517 | 5.547 | PH | 8      | -3149  | -0.09% | -0.002% |
| 76 | 5.555 | 5.547 | 5.592 | PH | -10    | -4341  | -0.12% | -0.003% |
| 77 | 5.624 | 5.592 | 5.681 | PH | 566    | 2698   | 0.07%  | 0.002%  |
| 78 | 5.703 | 5.681 | 5.716 | PH | 152    | 666    | 0.02%  | 0.000%  |
| 79 | 5.739 | 5.716 | 5.804 | HH | 576    | 4845   | 0.13%  | 0.003%  |
| 80 | 5.816 | 5.804 | 5.835 | PH | -165   | -4368  | -0.12% | -0.003% |
| 81 | 5.858 | 5.835 | 5.884 | PH | 503    | 3124   | 0.08%  | 0.002%  |
| 82 | 5.903 | 5.884 | 5.926 | PH | 147    | 230    | 0.01%  | 0.000%  |
| 83 | 5.968 | 5.926 | 6.002 | PH | 598    | 10547  | 0.29%  | 0.007%  |
| 84 | 6.008 | 6.002 | 6.044 | HH | 242    | 1937   | 0.05%  | 0.001%  |
| 85 | 6.068 | 6.044 | 6.077 | PH | 86     | -241   | -0.01% | -0.000% |
| 86 | 6.113 | 6.077 | 6.127 | HH | 462    | 8032   | 0.22%  | 0.006%  |
| 87 | 6.151 | 6.127 | 6.177 | HH | 841    | 17570  | 0.47%  | 0.012%  |
| 88 | 6.200 | 6.177 | 6.252 | HH | 1179   | 27246  | 0.74%  | 0.019%  |
| 89 | 6.289 | 6.252 | 6.341 | HH | 1034   | 30096  | 0.81%  | 0.021%  |

|     |       |       |       |    | rteres |        |        |        |
|-----|-------|-------|-------|----|--------|--------|--------|--------|
| 90  | 6.377 | 6.341 | 6.394 | HH | 546    | 12648  | 0.34%  | 0.009% |
| 91  | 6.414 | 6.394 | 6.446 | HH | 1876   | 30550  | 0.83%  | 0.022% |
| 92  | 6.466 | 6.446 | 6.504 | HH | 1587   | 32192  | 0.87%  | 0.023% |
| 93  | 6.537 | 6.504 | 6.567 | HH | 2668   | 55557  | 1.50%  | 0.039% |
| 94  | 6.582 | 6.567 | 6.596 | HH | 1639   | 23466  | 0.63%  | 0.017% |
| 95  | 6.605 | 6.596 | 6.618 | HH | 1458   | 17160  | 0.46%  | 0.012% |
| 96  | 6.652 | 6.618 | 6.666 | HH | 2166   | 47437  | 1.28%  | 0.034% |
| 97  | 6.683 | 6.666 | 6.707 | HH | 2420   | 44335  | 1.20%  | 0.031% |
| 98  | 6.722 | 6.707 | 6.748 | HH | 1281   | 27899  | 0.75%  | 0.020% |
| 99  | 6.763 | 6.748 | 6.776 | HH | 1284   | 20151  | 0.54%  | 0.014% |
| 100 | 6.784 | 6.776 | 6.801 | HH | 1263   | 17798  | 0.48%  | 0.013% |
| 101 | 6.811 | 6.801 | 6.836 | HH | 1246   | 21608  | 0.58%  | 0.015% |
| 102 | 6.861 | 6.836 | 6.906 | HH | 1544   | 54481  | 1.47%  | 0.039% |
| 103 | 6.933 | 6.906 | 6.949 | HH | 1683   | 37477  | 1.01%  | 0.027% |
| 104 | 6.974 | 6.949 | 6.986 | HH | 2331   | 41978  | 1.13%  | 0.030% |
| 105 | 7.015 | 6.986 | 7.034 | HH | 2835   | 70740  | 1.91%  | 0.050% |
| 106 | 7.048 | 7.034 | 7.061 | HH | 2428   | 38377  | 1.04%  | 0.027% |
| 107 | 7.099 | 7.061 | 7.137 | HH | 3247   | 122091 | 3.30%  | 0.086% |
| 108 | 7.169 | 7.137 | 7.232 | HH | 4329   | 141064 | 3.81%  | 0.100% |
| 109 | 7.252 | 7.232 | 7.267 | HH | 2323   | 42939  | 1.16%  | 0.030% |
| 110 | 7.301 | 7.267 | 7.338 | HH | 3466   | 115911 | 3.13%  | 0.082% |
| 111 | 7.416 | 7.338 | 7.432 | HH | 4139   | 173991 | 4.70%  | 0.123% |
| 112 | 7.454 | 7.432 | 7.469 | HH | 5466   | 100946 | 2.73%  | 0.072% |
| 113 | 7.478 | 7.469 | 7.504 | HH | 4721   | 84079  | 2.27%  | 0.060% |
| 114 | 7.552 | 7.504 | 7.586 | HH | 5711   | 217555 | 5.88%  | 0.154% |
| 115 | 7.608 | 7.586 | 7.631 | HH | 6386   | 138101 | 3.73%  | 0.098% |
| 116 | 7.640 | 7.631 | 7.654 | HH | 4321   | 59457  | 1.61%  | 0.042% |
| 117 | 7.669 | 7.654 | 7.679 | HH | 4827   | 68094  | 1.84%  | 0.048% |
| 118 | 7.694 | 7.679 | 7.706 | HH | 5567   | 82786  | 2.24%  | 0.059% |
| 119 | 7.750 | 7.706 | 7.794 | HH | 9024   | 362181 | 9.79%  | 0.257% |
| 120 | 7.814 | 7.794 | 7.852 | HH | 6866   | 213326 | 5.76%  | 0.151% |
| 121 | 7.878 | 7.852 | 7.899 | HH | 7362   | 185316 | 5.01%  | 0.131% |
| 122 | 7.916 | 7.899 | 7.946 | HH | 8139   | 203302 | 5.49%  | 0.144% |
| 123 | 7.958 | 7.946 | 7.975 | HH | 7018   | 111258 | 3.01%  | 0.079% |
| 124 | 8.018 | 7.975 | 8.034 | HH | 7675   | 252490 | 6.82%  | 0.179% |
| 125 | 8.068 | 8.034 | 8.087 | HH | 8596   | 255510 | 6.90%  | 0.181% |
| 126 | 8.105 | 8.087 | 8.122 | HH | 9679   | 184377 | 4.98%  | 0.131% |
| 127 | 8.136 | 8.122 | 8.147 | HH | 8263   | 120223 | 3.25%  | 0.085% |
| 128 | 8.169 | 8.147 | 8.184 | HH | 9772   | 199737 | 5.40%  | 0.141% |
| 129 | 8.210 | 8.184 | 8.223 | HH | 10250  | 225194 | 6.09%  | 0.160% |
| 130 | 8.254 | 8.223 | 8.271 | HH | 16364  | 375680 | 10.15% | 0.266% |
| 131 | 8.297 | 8.271 | 8.326 | HH | 15991  | 459273 | 12.41% | 0.325% |
| 132 | 8.359 | 8.326 | 8.372 | HH | 15780  | 372943 | 10.08% | 0.264% |
| 133 | 8.382 | 8.372 | 8.402 | HH | 15676  | 262291 | 7.09%  | 0.186% |
| 134 | 8.410 | 8.402 | 8.427 | HH | 13656  | 197890 | 5.35%  | 0.140% |
| 135 | 8.447 | 8.427 | 8.461 | HH | 14938  | 285338 | 7.71%  | 0.202% |
| 136 | 8.466 | 8.461 | 8.506 | HH | 14775  | 354544 | 9.58%  | 0.251% |
| 137 | 8.522 | 8.506 | 8.552 | HH | 12424  | 330885 | 8.94%  | 0.234% |
| 138 | 8.579 | 8.552 | 8.593 | HH | 13189  | 300784 | 8.13%  | 0.213% |
| 139 | 8.621 | 8.593 | 8.641 | HH | 14985  | 385878 | 10.43% | 0.273% |
| 140 | 8.673 | 8.641 | 8.702 | HH | 17035  | 561292 | 15.17% | 0.398% |
| 141 | 8.741 | 8.702 | 8.756 | HH | 17725  | 536783 | 14.51% | 0.380% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 142    | 8.769  | 8.756  | 8.786  | HH | 18539 | 314902  | 8.51%  | 0.223% |
| 143    | 8.800  | 8.786  | 8.816  | HH | 17174 | 295984  | 8.00%  | 0.210% |
| 144    | 8.843  | 8.816  | 8.859  | HH | 17693 | 438409  | 11.85% | 0.311% |
| 145    | 8.913  | 8.859  | 8.938  | HH | 21360 | 923538  | 24.96% | 0.654% |
| 146    | 8.954  | 8.938  | 8.971  | HH | 21600 | 410071  | 11.08% | 0.291% |
| 147    | 8.989  | 8.971  | 9.004  | HH | 21433 | 406944  | 11.00% | 0.288% |
| 148    | 9.015  | 9.004  | 9.029  | HH | 21571 | 317284  | 8.57%  | 0.225% |
| 149    | 9.050  | 9.029  | 9.063  | HH | 23263 | 449267  | 12.14% | 0.318% |
| 150    | 9.114  | 9.063  | 9.127  | HH | 24581 | 909880  | 24.59% | 0.645% |
| 151    | 9.134  | 9.127  | 9.159  | HH | 24143 | 446757  | 12.07% | 0.316% |
| 152    | 9.185  | 9.159  | 9.232  | HH | 29612 | 1168354 | 31.57% | 0.828% |
| 153    | 9.274  | 9.232  | 9.291  | HH | 28064 | 915319  | 24.73% | 0.648% |
| 154    | 9.313  | 9.291  | 9.333  | HH | 27090 | 665156  | 17.97% | 0.471% |
| 155    | 9.360  | 9.333  | 9.375  | HH | 27477 | 661805  | 17.88% | 0.469% |
| 156    | 9.399  | 9.375  | 9.417  | HH | 28364 | 684432  | 18.49% | 0.485% |
| 157    | 9.438  | 9.417  | 9.454  | HH | 33379 | 681409  | 18.41% | 0.483% |
| 158    | 9.472  | 9.454  | 9.516  | HH | 32903 | 1173860 | 31.72% | 0.832% |
| 159    | 9.545  | 9.516  | 9.559  | HH | 35991 | 887082  | 23.97% | 0.628% |
| 160    | 9.573  | 9.559  | 9.590  | HH | 35597 | 633238  | 17.11% | 0.449% |
| 161    | 9.612  | 9.590  | 9.631  | HH | 36460 | 830668  | 22.45% | 0.588% |
| 162    | 9.650  | 9.631  | 9.663  | HH | 37108 | 703633  | 19.01% | 0.498% |
| 163    | 9.682  | 9.663  | 9.740  | HH | 40349 | 1768727 | 47.80% | 1.253% |
| 164    | 9.792  | 9.740  | 9.805  | HH | 41449 | 1514093 | 40.91% | 1.073% |
| 165    | 9.817  | 9.805  | 9.834  | HH | 42017 | 706155  | 19.08% | 0.500% |
| 166    | 9.880  | 9.834  | 9.891  | HH | 44011 | 1432063 | 38.70% | 1.015% |
| 167    | 9.899  | 9.891  | 9.918  | HH | 44378 | 684697  | 18.50% | 0.485% |
| 168    | 9.936  | 9.918  | 9.954  | HH | 44119 | 903551  | 24.42% | 0.640% |
| 169    | 9.973  | 9.954  | 9.994  | HH | 46491 | 1032022 | 27.89% | 0.731% |
| 170    | 10.003 | 9.994  | 10.036 | HH | 43382 | 1044441 | 28.22% | 0.740% |
| 171    | 10.077 | 10.036 | 10.119 | HH | 53571 | 2440489 | 65.95% | 1.729% |
| 172    | 10.132 | 10.119 | 10.149 | HH | 52178 | 887311  | 23.98% | 0.629% |
| 173    | 10.158 | 10.149 | 10.185 | HH | 49148 | 1009937 | 27.29% | 0.715% |
| 174    | 10.217 | 10.185 | 10.270 | HH | 63062 | 2819051 | 76.18% | 1.997% |
| 175    | 10.323 | 10.270 | 10.356 | HH | 63604 | 2839309 | 76.72% | 2.011% |
| 176    | 10.379 | 10.356 | 10.416 | HH | 63647 | 2064785 | 55.80% | 1.463% |
| 177    | 10.444 | 10.416 | 10.477 | HH | 63883 | 2129866 | 57.55% | 1.509% |
| 178    | 10.501 | 10.477 | 10.517 | HH | 63570 | 1345782 | 36.37% | 0.953% |
| 179    | 10.533 | 10.517 | 10.553 | HH | 66665 | 1275458 | 34.47% | 0.904% |
| 180    | 10.584 | 10.553 | 10.612 | HH | 55410 | 1897244 | 51.27% | 1.344% |
| 181    | 10.625 | 10.612 | 10.642 | HH | 52534 | 920309  | 24.87% | 0.652% |
| 182    | 10.715 | 10.642 | 10.741 | HH | 54319 | 3057533 | 82.62% | 2.166% |
| 183    | 10.777 | 10.741 | 10.796 | HH | 53255 | 1685042 | 45.53% | 1.194% |
| 184    | 10.826 | 10.796 | 10.846 | HH | 53928 | 1549280 | 41.87% | 1.098% |
| 185    | 10.871 | 10.846 | 10.900 | HH | 55933 | 1745609 | 47.17% | 1.237% |
| 186    | 10.914 | 10.900 | 10.937 | HH | 53753 | 1145522 | 30.95% | 0.812% |
| 187    | 10.948 | 10.937 | 10.974 | HH | 52173 | 1125626 | 30.42% | 0.797% |
| 188    | 10.990 | 10.974 | 10.999 | HH | 51095 | 744704  | 20.12% | 0.528% |
| 189    | 11.017 | 10.999 | 11.037 | HH | 52484 | 1155496 | 31.22% | 0.819% |
| 190    | 11.058 | 11.037 | 11.079 | HH | 51155 | 1237279 | 33.43% | 0.877% |
| 191    | 11.095 | 11.079 | 11.110 | HH | 51271 | 918463  | 24.82% | 0.651% |
| 192    | 11.128 | 11.110 | 11.149 | HH | 50565 | 1129285 | 30.52% | 0.800% |
| 193    | 11.179 | 11.149 | 11.204 | HH | 49457 | 1591729 | 43.01% | 1.128% |
| 194    | 11.231 | 11.204 | 11.274 | HH | 47238 | 1915824 | 51.77% | 1.357% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 195    | 11.296 | 11.274 | 11.318 | HH | 46327 | 1182247 | 31.95% | 0.838% |
| 196    | 11.328 | 11.318 | 11.363 | HH | 46172 | 1214791 | 32.83% | 0.861% |
| 197    | 11.389 | 11.363 | 11.419 | HH | 46538 | 1479965 | 39.99% | 1.048% |
| 198    | 11.459 | 11.419 | 11.497 | HH | 45448 | 2045740 | 55.28% | 1.449% |
| 199    | 11.511 | 11.497 | 11.532 | HH | 42191 | 859384  | 23.22% | 0.609% |
| 200    | 11.540 | 11.532 | 11.562 | HH | 41363 | 750806  | 20.29% | 0.532% |
| 201    | 11.568 | 11.562 | 11.614 | HH | 40804 | 1228732 | 33.20% | 0.870% |
| 202    | 11.628 | 11.614 | 11.651 | HH | 40700 | 861452  | 23.28% | 0.610% |
| 203    | 11.673 | 11.651 | 11.703 | HH | 39969 | 1208161 | 32.65% | 0.856% |
| 204    | 11.719 | 11.703 | 11.750 | HH | 37996 | 1020309 | 27.57% | 0.723% |
| 205    | 11.770 | 11.750 | 11.811 | HH | 36392 | 1284483 | 34.71% | 0.910% |
| 206    | 11.820 | 11.811 | 11.854 | HH | 34518 | 882758  | 23.85% | 0.625% |
| 207    | 11.874 | 11.854 | 11.915 | HH | 35028 | 1242228 | 33.57% | 0.880% |
| 208    | 11.924 | 11.915 | 11.944 | HH | 33358 | 571530  | 15.44% | 0.405% |
| 209    | 11.974 | 11.944 | 11.996 | HH | 33776 | 1013912 | 27.40% | 0.718% |
| 210    | 12.018 | 11.996 | 12.067 | HH | 34571 | 1395897 | 37.72% | 0.989% |
| 211    | 12.074 | 12.067 | 12.084 | HH | 32250 | 318158  | 8.60%  | 0.225% |
| 212    | 12.090 | 12.084 | 12.112 | HH | 31919 | 531896  | 14.37% | 0.377% |
| 213    | 12.154 | 12.112 | 12.166 | HH | 32291 | 1000821 | 27.04% | 0.709% |
| 214    | 12.190 | 12.166 | 12.236 | HH | 32199 | 1295311 | 35.00% | 0.918% |
| 215    | 12.250 | 12.236 | 12.332 | HH | 29601 | 1647945 | 44.53% | 1.167% |
| 216    | 12.344 | 12.332 | 12.364 | HH | 28071 | 523041  | 14.13% | 0.371% |
| 217    | 12.374 | 12.364 | 12.394 | HH | 27864 | 492615  | 13.31% | 0.349% |
| 218    | 12.414 | 12.394 | 12.428 | HH | 28241 | 569847  | 15.40% | 0.404% |
| 219    | 12.444 | 12.428 | 12.486 | HH | 28228 | 931995  | 25.18% | 0.660% |
| 220    | 12.503 | 12.486 | 12.526 | HH | 26675 | 631715  | 17.07% | 0.448% |
| 221    | 12.533 | 12.526 | 12.551 | HH | 26678 | 390122  | 10.54% | 0.276% |
| 222    | 12.589 | 12.551 | 12.599 | HH | 26273 | 725265  | 19.60% | 0.514% |
| 223    | 12.614 | 12.599 | 12.660 | HH | 27454 | 933247  | 25.22% | 0.661% |
| 224    | 12.681 | 12.660 | 12.731 | HH | 24597 | 1031258 | 27.87% | 0.731% |
| 225    | 12.741 | 12.731 | 12.796 | HH | 23858 | 914762  | 24.72% | 0.648% |
| 226    | 12.813 | 12.796 | 12.861 | HH | 24065 | 900241  | 24.33% | 0.638% |
| 227    | 12.878 | 12.861 | 12.901 | HH | 23560 | 531848  | 14.37% | 0.377% |
| 228    | 12.915 | 12.901 | 12.926 | HH | 22172 | 333834  | 9.02%  | 0.236% |
| 229    | 12.941 | 12.926 | 13.018 | HH | 21931 | 1166075 | 31.51% | 0.826% |
| 230    | 13.025 | 13.018 | 13.039 | HH | 20594 | 257408  | 6.96%  | 0.182% |
| 231    | 13.046 | 13.039 | 13.056 | HH | 20844 | 205842  | 5.56%  | 0.146% |
| 232    | 13.070 | 13.056 | 13.136 | HH | 20608 | 960724  | 25.96% | 0.681% |
| 233    | 13.152 | 13.136 | 13.202 | HH | 19580 | 771136  | 20.84% | 0.546% |
| 234    | 13.246 | 13.202 | 13.292 | HH | 20154 | 1033161 | 27.92% | 0.732% |
| 235    | 13.298 | 13.292 | 13.358 | HH | 18377 | 688198  | 18.60% | 0.488% |
| 236    | 13.376 | 13.358 | 13.446 | HH | 17076 | 865761  | 23.39% | 0.613% |
| 237    | 13.455 | 13.446 | 13.532 | HH | 16206 | 808648  | 21.85% | 0.573% |
| 238    | 13.552 | 13.532 | 13.626 | HH | 15511 | 820811  | 22.18% | 0.581% |
| 239    | 13.640 | 13.626 | 13.677 | HH | 14294 | 429184  | 11.60% | 0.304% |
| 240    | 13.691 | 13.677 | 13.702 | HH | 14010 | 210016  | 5.68%  | 0.149% |
| 241    | 13.711 | 13.702 | 13.896 | HH | 13848 | 1464322 | 39.57% | 1.037% |
| 242    | 13.919 | 13.896 | 13.964 | HH | 12271 | 483349  | 13.06% | 0.342% |
| 243    | 13.972 | 13.964 | 13.987 | HH | 11191 | 155592  | 4.20%  | 0.110% |
| 244    | 13.995 | 13.987 | 14.076 | HH | 11192 | 569544  | 15.39% | 0.403% |
| 245    | 14.084 | 14.076 | 14.124 | HH | 10482 | 293553  | 7.93%  | 0.208% |
| 246    | 14.131 | 14.124 | 14.541 | HH | 9986  | 2155825 | 58.26% | 1.527% |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 14.564 | 14.541 | 14.616 | HH | 7602   | 326363  | 8.82%  | 0.231% |
| 248 | 14.636 | 14.627 | 14.646 | HH | 7072   | 77729   | 2.10%  | 0.055% |
| 249 | 14.675 | 14.646 | 14.712 | HH | 23562  | 497210  | 13.44% | 0.352% |
| 250 | 14.721 | 14.712 | 14.824 | HH | 7185   | 439376  | 11.87% | 0.311% |
| 251 | 14.871 | 14.824 | 15.110 | HH | 7723   | 1029642 | 27.82% | 0.729% |
| 252 | 15.141 | 15.110 | 15.156 | HH | 5860   | 156447  | 4.23%  | 0.111% |
| 253 | 15.162 | 15.156 | 15.179 | HH | 5955   | 81038   | 2.19%  | 0.057% |
| 254 | 15.190 | 15.179 | 15.201 | HH | 5726   | 73883   | 2.00%  | 0.052% |
| 255 | 15.211 | 15.201 | 15.257 | HH | 5662   | 180176  | 4.87%  | 0.128% |
| 256 | 15.294 | 15.257 | 15.399 | HH | 5390   | 431664  | 11.66% | 0.306% |
| 257 | 15.425 | 15.414 | 15.449 | HH | 4963   | 100585  | 2.72%  | 0.071% |
| 258 | 15.462 | 15.449 | 15.514 | HH | 4816   | 186490  | 5.04%  | 0.132% |
| 259 | 15.529 | 15.514 | 15.619 | HH | 4819   | 291645  | 7.88%  | 0.207% |
| 260 | 15.671 | 15.619 | 15.716 | HH | 4795   | 266854  | 7.21%  | 0.189% |
| 261 | 15.752 | 15.716 | 15.854 | HH | 4628   | 369171  | 9.98%  | 0.262% |
| 262 | 15.858 | 15.854 | 15.882 | HH | 4397   | 73490   | 1.99%  | 0.052% |
| 263 | 15.915 | 15.882 | 15.988 | HH | 4390   | 273271  | 7.38%  | 0.194% |
| 264 | 16.000 | 15.988 | 16.014 | HH | 4356   | 66937   | 1.81%  | 0.047% |
| 265 | 16.026 | 16.014 | 16.052 | HH | 4430   | 100435  | 2.71%  | 0.071% |
| 266 | 16.064 | 16.052 | 16.099 | HH | 4492   | 121981  | 3.30%  | 0.086% |
| 267 | 16.106 | 16.099 | 16.166 | HH | 4346   | 170036  | 4.59%  | 0.120% |
| 268 | 16.174 | 16.166 | 16.266 | HH | 4277   | 253347  | 6.85%  | 0.179% |
| 269 | 16.276 | 16.266 | 16.332 | HH | 4247   | 166085  | 4.49%  | 0.118% |
| 270 | 16.340 | 16.332 | 16.346 | HH | 4262   | 33140   | 0.90%  | 0.023% |
| 271 | 16.372 | 16.346 | 16.384 | HH | 4304   | 97101   | 2.62%  | 0.069% |
| 272 | 16.415 | 16.384 | 16.477 | HH | 4584   | 243906  | 6.59%  | 0.173% |
| 273 | 16.497 | 16.477 | 16.530 | HH | 4415   | 136648  | 3.69%  | 0.097% |
| 274 | 16.554 | 16.530 | 16.579 | HH | 4366   | 124608  | 3.37%  | 0.088% |
| 275 | 16.666 | 16.579 | 16.692 | HH | 4312   | 288413  | 7.79%  | 0.204% |
| 276 | 16.731 | 16.692 | 16.753 | HH | 4554   | 159314  | 4.31%  | 0.113% |
| 277 | 16.788 | 16.753 | 16.839 | HH | 4550   | 227832  | 6.16%  | 0.161% |
| 278 | 16.894 | 16.839 | 16.901 | HH | 4531   | 163887  | 4.43%  | 0.116% |
| 279 | 16.908 | 16.901 | 16.937 | HH | 4479   | 96784   | 2.62%  | 0.069% |
| 280 | 16.968 | 16.937 | 16.985 | HH | 4490   | 127205  | 3.44%  | 0.090% |
| 281 | 17.008 | 16.985 | 17.017 | HH | 4473   | 85031   | 2.30%  | 0.060% |
| 282 | 17.116 | 17.017 | 17.157 | HH | 4918   | 388549  | 10.50% | 0.275% |
| 283 | 17.204 | 17.157 | 17.241 | HH | 4859   | 239640  | 6.48%  | 0.170% |
| 284 | 17.248 | 17.241 | 17.282 | HH | 4821   | 118395  | 3.20%  | 0.084% |
| 285 | 17.311 | 17.282 | 17.336 | HH | 4932   | 156543  | 4.23%  | 0.111% |
| 286 | 17.390 | 17.336 | 17.429 | HH | 5236   | 281610  | 7.61%  | 0.199% |
| 287 | 17.466 | 17.429 | 17.497 | HH | 5321   | 209675  | 5.67%  | 0.149% |
| 288 | 17.509 | 17.497 | 17.532 | HH | 5289   | 111271  | 3.01%  | 0.079% |
| 289 | 17.592 | 17.532 | 17.622 | HH | 5413   | 285665  | 7.72%  | 0.202% |
| 290 | 17.774 | 17.622 | 17.804 | HH | 6158   | 614766  | 16.61% | 0.436% |
| 291 | 17.844 | 17.804 | 17.866 | HH | 6034   | 221644  | 5.99%  | 0.157% |
| 292 | 17.875 | 17.866 | 17.895 | HH | 6020   | 105066  | 2.84%  | 0.074% |
| 293 | 17.937 | 17.895 | 17.951 | HH | 6227   | 205339  | 5.55%  | 0.145% |
| 294 | 18.002 | 17.951 | 18.028 | HH | 6639   | 298281  | 8.06%  | 0.211% |
| 295 | 18.037 | 18.028 | 18.047 | HH | 6385   | 73068   | 1.97%  | 0.052% |
| 296 | 18.095 | 18.047 | 18.122 | HH | 6921   | 298611  | 8.07%  | 0.212% |
| 297 | 18.133 | 18.122 | 18.144 | HH | 6826   | 89494   | 2.42%  | 0.063% |
| 298 | 18.180 | 18.144 | 18.194 | HH | 7165   | 211565  | 5.72%  | 0.150% |
| 299 | 18.394 | 18.194 | 18.424 | HH | 7988   | 1019017 | 27.54% | 0.722% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 300 | 18.458 | 18.424 | 18.479 | HH | 8036   | 266070  | 7.19%   | 0.188% |
| 301 | 18.578 | 18.479 | 18.602 | HH | 8948   | 617023  | 16.67%  | 0.437% |
| 302 | 18.610 | 18.602 | 18.622 | HH | 8683   | 103951  | 2.81%   | 0.074% |
| 303 | 18.706 | 18.622 | 18.739 | HH | 9306   | 628326  | 16.98%  | 0.445% |
| 304 | 18.981 | 18.739 | 19.009 | HH | 10998  | 1605753 | 43.39%  | 1.138% |
| 305 | 19.044 | 19.009 | 19.064 | HH | 11173  | 362596  | 9.80%   | 0.257% |
| 306 | 19.116 | 19.064 | 19.143 | HH | 11783  | 545312  | 14.74%  | 0.386% |
| 307 | 19.535 | 19.143 | 19.557 | HH | 14877  | 3247836 | 87.76%  | 2.301% |
| 308 | 19.634 | 19.557 | 19.657 | HH | 16083  | 927645  | 25.07%  | 0.657% |
| 309 | 19.997 | 19.657 | 20.009 | HH | 19705  | 3700650 | 100.00% | 2.622% |
| 310 | 20.121 | 20.009 | 20.142 | HH | 21804  | 1655495 | 44.74%  | 1.173% |

Sum of corrected areas: 141158536

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