

rteres  
Area Percent Report

Data Path : P:\HPCHEM1\FID\_D\Data\FD012818\  
Data File : FD019257.D  
Signal(s) : FID2B.CH  
Acq On : 28 Jan 2018 11:29  
Sample : J1289-06  
Misc :  
ALS Vial : 55 Sample Multiplier: 1

Integration File: Sample.e

Method : P:\HPCHEM1\FID\_D\methods\FD010318.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         | 4.120       | 4.111        | 4.122      | BH       | 292            | 1049         | 0.01%          | 0.001%        |
| 2         | 4.141       | 4.122        | 4.164      | HH       | 7499           | 71333        | 0.92%          | 0.036%        |
| 3         | 4.167       | 4.164        | 4.180      | HH       | 94             | -660         | -0.01%         | -0.000%       |
| 4         | 4.199       | 4.180        | 4.226      | PH       | 613            | 2144         | 0.03%          | 0.001%        |
| 5         | 4.228       | 4.226        | 4.237      | PH       | -445           | -3454        | -0.04%         | -0.002%       |
| 6         | 4.249       | 4.237        | 4.262      | PH       | -238           | -6245        | -0.08%         | -0.003%       |
| 7         | 4.265       | 4.262        | 4.269      | PH       | -525           | -2306        | -0.03%         | -0.001%       |
| 8         | 4.272       | 4.269        | 4.276      | PH       | -400           | -2165        | -0.03%         | -0.001%       |
| 9         | 4.296       | 4.276        | 4.306      | PH       | 731            | 4150         | 0.05%          | 0.002%        |
| 10        | 4.325       | 4.306        | 4.345      | HH       | 1881           | 26802        | 0.35%          | 0.013%        |
| 11        | 4.347       | 4.345        | 4.352      | HH       | 759            | 2810         | 0.04%          | 0.001%        |
| 12        | 4.366       | 4.352        | 4.375      | HH       | 1379           | 13876        | 0.18%          | 0.007%        |
| 13        | 4.390       | 4.375        | 4.402      | HH       | 3414           | 33985        | 0.44%          | 0.017%        |
| 14        | 4.412       | 4.402        | 4.427      | HH       | 2184           | 20320        | 0.26%          | 0.010%        |
| 15        | 4.442       | 4.427        | 4.456      | HH       | 1096           | 13578        | 0.18%          | 0.007%        |
| 16        | 4.459       | 4.456        | 4.481      | HH       | 1133           | 5862         | 0.08%          | 0.003%        |
| 17        | 4.503       | 4.481        | 4.517      | PH       | 708            | 7120         | 0.09%          | 0.004%        |
| 18        | 4.532       | 4.517        | 4.543      | HH       | 1635           | 15937        | 0.21%          | 0.008%        |
| 19        | 4.546       | 4.543        | 4.565      | HH       | 618            | 3370         | 0.04%          | 0.002%        |
| 20        | 4.574       | 4.565        | 4.577      | PH       | -106           | -1192        | -0.02%         | -0.001%       |
| 21        | 4.596       | 4.577        | 4.631      | PH       | 4430           | 42090        | 0.55%          | 0.021%        |
| 22        | 4.653       | 4.631        | 4.672      | PH       | 298            | -1508        | -0.02%         | -0.001%       |
| 23        | 4.688       | 4.672        | 4.707      | PH       | 655            | 1402         | 0.02%          | 0.001%        |
| 24        | 4.709       | 4.707        | 4.713      | PH       | -334           | -1341        | -0.02%         | -0.001%       |
| 25        | 4.715       | 4.713        | 4.720      | PH       | -279           | -1424        | -0.02%         | -0.001%       |
| 26        | 4.722       | 4.720        | 4.729      | PH       | -362           | -2148        | -0.03%         | -0.001%       |
| 27        | 4.748       | 4.729        | 4.762      | PH       | 1620           | 11896        | 0.15%          | 0.006%        |
| 28        | 4.776       | 4.762        | 4.798      | PH       | 1081           | 5039         | 0.07%          | 0.003%        |
| 29        | 4.816       | 4.798        | 4.827      | PH       | 1847           | 16275        | 0.21%          | 0.008%        |
| 30        | 4.837       | 4.827        | 4.850      | HH       | 1787           | 17898        | 0.23%          | 0.009%        |
| 31        | 4.877       | 4.850        | 4.908      | HH       | 1872           | 25634        | 0.33%          | 0.013%        |
| 32        | 4.935       | 4.908        | 4.945      | PH       | 170            | -2457        | -0.03%         | -0.001%       |
| 33        | 4.966       | 4.945        | 4.983      | PH       | 1340           | 12690        | 0.16%          | 0.006%        |
| 34        | 4.988       | 4.983        | 5.009      | HH       | 544            | 5055         | 0.07%          | 0.003%        |
| 35        | 5.025       | 5.009        | 5.033      | HH       | 1376           | 13452        | 0.17%          | 0.007%        |
| 36        | 5.044       | 5.033        | 5.069      | HH       | 1730           | 23344        | 0.30%          | 0.012%        |

|    |       |       |       |    | rteres |        |        |         |
|----|-------|-------|-------|----|--------|--------|--------|---------|
| 37 | 5.078 | 5.069 | 5.095 | HH | 563    | 5280   | 0.07%  | 0.003%  |
| 38 | 5.116 | 5.095 | 5.130 | PH | 470    | 1845   | 0.02%  | 0.001%  |
| 39 | 5.138 | 5.130 | 5.152 | PH | -71    | -3819  | -0.05% | -0.002% |
| 40 | 5.172 | 5.152 | 5.198 | PH | 8124   | 90781  | 1.18%  | 0.045%  |
| 41 | 5.209 | 5.198 | 5.227 | PH | 698    | 4078   | 0.05%  | 0.002%  |
| 42 | 5.239 | 5.227 | 5.266 | PH | -193   | -12120 | -0.16% | -0.006% |
| 43 | 5.288 | 5.266 | 5.299 | PH | -282   | -10663 | -0.14% | -0.005% |
| 44 | 5.315 | 5.299 | 5.318 | PH | -200   | -4478  | -0.06% | -0.002% |
| 45 | 5.337 | 5.318 | 5.375 | PH | 2234   | 24660  | 0.32%  | 0.012%  |
| 46 | 5.389 | 5.375 | 5.403 | PH | -115   | -3650  | -0.05% | -0.002% |
| 47 | 5.415 | 5.403 | 5.430 | PH | 228    | -2349  | -0.03% | -0.001% |
| 48 | 5.457 | 5.430 | 5.477 | PH | 1354   | 12894  | 0.17%  | 0.006%  |
| 49 | 5.479 | 5.477 | 5.492 | HH | 459    | 1189   | 0.02%  | 0.001%  |
| 50 | 5.512 | 5.492 | 5.543 | PH | 923    | 12047  | 0.16%  | 0.006%  |
| 51 | 5.549 | 5.543 | 5.567 | HH | 270    | 1045   | 0.01%  | 0.001%  |
| 52 | 5.571 | 5.567 | 5.591 | PH | 35     | -5460  | -0.07% | -0.003% |
| 53 | 5.594 | 5.591 | 5.602 | PH | -600   | -4424  | -0.06% | -0.002% |
| 54 | 5.619 | 5.602 | 5.634 | PH | 567    | -326   | -0.00% | -0.000% |
| 55 | 5.638 | 5.634 | 5.649 | PH | -250   | -3025  | -0.04% | -0.002% |
| 56 | 5.666 | 5.649 | 5.689 | PH | 612    | -829   | -0.01% | -0.000% |
| 57 | 5.721 | 5.689 | 5.779 | PH | 12277  | 196664 | 2.55%  | 0.098%  |
| 58 | 5.804 | 5.779 | 5.829 | HH | 1300   | 25956  | 0.34%  | 0.013%  |
| 59 | 5.832 | 5.829 | 5.834 | HH | 250    | 611    | 0.01%  | 0.000%  |
| 60 | 5.841 | 5.834 | 5.851 | HH | 341    | 2131   | 0.03%  | 0.001%  |
| 61 | 5.871 | 5.851 | 5.902 | PH | 3315   | 33918  | 0.44%  | 0.017%  |
| 62 | 5.903 | 5.902 | 5.913 | PH | -253   | -2300  | -0.03% | -0.001% |
| 63 | 5.942 | 5.913 | 5.949 | PH | 56     | -4675  | -0.06% | -0.002% |
| 64 | 5.951 | 5.949 | 5.963 | PH | -138   | -2325  | -0.03% | -0.001% |
| 65 | 5.972 | 5.963 | 5.980 | PH | -28    | -2311  | -0.03% | -0.001% |
| 66 | 5.983 | 5.980 | 6.006 | PH | -208   | -6648  | -0.09% | -0.003% |
| 67 | 6.024 | 6.006 | 6.028 | PH | -147   | -4471  | -0.06% | -0.002% |
| 68 | 6.046 | 6.028 | 6.048 | PH | -92    | -2218  | -0.03% | -0.001% |
| 69 | 6.051 | 6.048 | 6.061 | PH | -67    | -1575  | -0.02% | -0.001% |
| 70 | 6.065 | 6.061 | 6.069 | PH | -163   | -1091  | -0.01% | -0.001% |
| 71 | 6.085 | 6.069 | 6.094 | PH | -14    | -2411  | -0.03% | -0.001% |
| 72 | 6.100 | 6.094 | 6.107 | PH | -175   | -1861  | -0.02% | -0.001% |
| 73 | 6.113 | 6.107 | 6.116 | PH | -184   | -1475  | -0.02% | -0.001% |
| 74 | 6.119 | 6.116 | 6.132 | PH | -264   | -2945  | -0.04% | -0.001% |
| 75 | 6.146 | 6.132 | 6.170 | PH | 2002   | 16747  | 0.22%  | 0.008%  |
| 76 | 6.172 | 6.170 | 6.202 | PH | -14    | -8465  | -0.11% | -0.004% |
| 77 | 6.222 | 6.202 | 6.235 | PH | -369   | -10162 | -0.13% | -0.005% |
| 78 | 6.236 | 6.235 | 6.250 | PH | -463   | -5373  | -0.07% | -0.003% |
| 79 | 6.265 | 6.250 | 6.276 | PH | -446   | -8679  | -0.11% | -0.004% |
| 80 | 6.294 | 6.276 | 6.313 | PH | 496    | 676    | 0.01%  | 0.000%  |
| 81 | 6.315 | 6.313 | 6.318 | PH | -96    | -409   | -0.01% | -0.000% |
| 82 | 6.320 | 6.318 | 6.361 | PH | -103   | -11420 | -0.15% | -0.006% |
| 83 | 6.364 | 6.361 | 6.368 | PH | -481   | -2282  | -0.03% | -0.001% |
| 84 | 6.384 | 6.368 | 6.404 | PH | -382   | -11645 | -0.15% | -0.006% |
| 85 | 6.406 | 6.404 | 6.408 | PH | -662   | -1742  | -0.02% | -0.001% |
| 86 | 6.411 | 6.408 | 6.415 | PH | -665   | -2956  | -0.04% | -0.001% |
| 87 | 6.430 | 6.415 | 6.436 | PH | -474   | -6854  | -0.09% | -0.003% |
| 88 | 6.438 | 6.436 | 6.443 | PH | -416   | -2016  | -0.03% | -0.001% |
| 89 | 6.455 | 6.443 | 6.478 | PH | -286   | -9820  | -0.13% | -0.005% |

|     |       |       |       |    |        |        |        |         |
|-----|-------|-------|-------|----|--------|--------|--------|---------|
|     |       |       |       |    | rteres |        |        |         |
| 90  | 6.485 | 6.478 | 6.507 | PH | -438   | -10662 | -0.14% | -0.005% |
| 91  | 6.529 | 6.507 | 6.539 | PH | -331   | -9297  | -0.12% | -0.005% |
| 92  | 6.543 | 6.539 | 6.545 | PH | -223   | -1184  | -0.02% | -0.001% |
| 93  | 6.551 | 6.545 | 6.554 | PH | -178   | -1331  | -0.02% | -0.001% |
| 94  | 6.558 | 6.554 | 6.569 | PH | -107   | -3316  | -0.04% | -0.002% |
| 95  | 6.582 | 6.569 | 6.584 | PH | -142   | -3281  | -0.04% | -0.002% |
| 96  | 6.586 | 6.584 | 6.589 | PH | -156   | -658   | -0.01% | -0.000% |
| 97  | 6.591 | 6.589 | 6.609 | PH | -206   | -4916  | -0.06% | -0.002% |
| 98  | 6.628 | 6.609 | 6.634 | PH | -166   | -4384  | -0.06% | -0.002% |
| 99  | 6.659 | 6.634 | 6.676 | PH | -192   | -9193  | -0.12% | -0.005% |
| 100 | 6.698 | 6.676 | 6.709 | PH | -32    | -4004  | -0.05% | -0.002% |
| 101 | 6.745 | 6.709 | 6.759 | PH | 323    | 1907   | 0.02%  | 0.001%  |
| 102 | 6.779 | 6.759 | 6.821 | HH | 4060   | 69791  | 0.90%  | 0.035%  |
| 103 | 6.841 | 6.821 | 6.884 | HH | 1710   | 22758  | 0.30%  | 0.011%  |
| 104 | 6.903 | 6.884 | 6.952 | PH | 5596   | 77605  | 1.01%  | 0.039%  |
| 105 | 6.964 | 6.952 | 6.988 | HH | 356    | 2755   | 0.04%  | 0.001%  |
| 106 | 7.014 | 6.988 | 7.027 | PH | 183    | -137   | -0.00% | -0.000% |
| 107 | 7.039 | 7.027 | 7.046 | PH | 98     | -425   | -0.01% | -0.000% |
| 108 | 7.065 | 7.046 | 7.089 | PH | 1050   | 7709   | 0.10%  | 0.004%  |
| 109 | 7.112 | 7.089 | 7.133 | PH | -105   | -4258  | -0.06% | -0.002% |
| 110 | 7.138 | 7.133 | 7.158 | PH | -159   | -3446  | -0.04% | -0.002% |
| 111 | 7.161 | 7.158 | 7.169 | PH | -245   | -2008  | -0.03% | -0.001% |
| 112 | 7.181 | 7.169 | 7.196 | PH | -116   | -4326  | -0.06% | -0.002% |
| 113 | 7.200 | 7.196 | 7.210 | PH | -190   | -2364  | -0.03% | -0.001% |
| 114 | 7.235 | 7.210 | 7.249 | PH | 125    | -3608  | -0.05% | -0.002% |
| 115 | 7.255 | 7.249 | 7.261 | PH | -224   | -2245  | -0.03% | -0.001% |
| 116 | 7.293 | 7.261 | 7.313 | PH | 131    | -2606  | -0.03% | -0.001% |
| 117 | 7.335 | 7.313 | 7.358 | PH | 828    | 6430   | 0.08%  | 0.003%  |
| 118 | 7.370 | 7.358 | 7.378 | PH | 18     | -957   | -0.01% | -0.000% |
| 119 | 7.386 | 7.378 | 7.404 | PH | 102    | -1368  | -0.02% | -0.001% |
| 120 | 7.418 | 7.404 | 7.434 | PH | -26    | -2693  | -0.03% | -0.001% |
| 121 | 7.482 | 7.434 | 7.495 | PH | 1243   | 10179  | 0.13%  | 0.005%  |
| 122 | 7.510 | 7.495 | 7.558 | HH | 1858   | 34007  | 0.44%  | 0.017%  |
| 123 | 7.564 | 7.558 | 7.573 | HH | 206    | 1593   | 0.02%  | 0.001%  |
| 124 | 7.585 | 7.573 | 7.602 | HH | 376    | 4744   | 0.06%  | 0.002%  |
| 125 | 7.624 | 7.602 | 7.636 | HH | 726    | 9373   | 0.12%  | 0.005%  |
| 126 | 7.655 | 7.636 | 7.673 | HH | 1669   | 25057  | 0.32%  | 0.012%  |
| 127 | 7.680 | 7.673 | 7.702 | HH | 1271   | 15757  | 0.20%  | 0.008%  |
| 128 | 7.713 | 7.702 | 7.728 | HH | 685    | 8406   | 0.11%  | 0.004%  |
| 129 | 7.750 | 7.728 | 7.821 | HH | 3323   | 89847  | 1.16%  | 0.045%  |
| 130 | 7.856 | 7.821 | 7.874 | HH | 7778   | 108611 | 1.41%  | 0.054%  |
| 131 | 7.891 | 7.874 | 7.911 | HH | 4736   | 82678  | 1.07%  | 0.041%  |
| 132 | 7.928 | 7.911 | 7.957 | HH | 7982   | 112766 | 1.46%  | 0.056%  |
| 133 | 7.971 | 7.957 | 7.981 | HH | 1955   | 22869  | 0.30%  | 0.011%  |
| 134 | 7.999 | 7.981 | 8.015 | HH | 22848  | 268582 | 3.48%  | 0.134%  |
| 135 | 8.032 | 8.015 | 8.109 | HH | 36651  | 652665 | 8.46%  | 0.325%  |
| 136 | 8.128 | 8.109 | 8.157 | HH | 3285   | 68961  | 0.89%  | 0.034%  |
| 137 | 8.168 | 8.157 | 8.208 | HH | 2071   | 44035  | 0.57%  | 0.022%  |
| 138 | 8.213 | 8.208 | 8.238 | HH | 1026   | 16264  | 0.21%  | 0.008%  |
| 139 | 8.277 | 8.238 | 8.300 | HH | 2053   | 50442  | 0.65%  | 0.025%  |
| 140 | 8.322 | 8.300 | 8.377 | HH | 25200  | 399711 | 5.18%  | 0.199%  |
| 141 | 8.389 | 8.377 | 8.403 | HH | 3748   | 53498  | 0.69%  | 0.027%  |

|     |        |        |        |    | rteres |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 8.417  | 8.403  | 8.442  | HH | 4014   | 74957   | 0.97%  | 0.037% |
| 143 | 8.459  | 8.442  | 8.488  | HH | 6870   | 106325  | 1.38%  | 0.053% |
| 144 | 8.512  | 8.488  | 8.542  | HH | 2711   | 63310   | 0.82%  | 0.032% |
| 145 | 8.567  | 8.542  | 8.588  | HH | 6073   | 101176  | 1.31%  | 0.050% |
|     |        |        |        |    |        |         |        |        |
| 146 | 8.609  | 8.588  | 8.672  | HH | 11255  | 267612  | 3.47%  | 0.133% |
| 147 | 8.686  | 8.672  | 8.721  | HH | 3515   | 91724   | 1.19%  | 0.046% |
| 148 | 8.744  | 8.721  | 8.767  | HH | 20295  | 262466  | 3.40%  | 0.131% |
| 149 | 8.782  | 8.767  | 8.811  | HH | 5119   | 93977   | 1.22%  | 0.047% |
| 150 | 8.826  | 8.811  | 8.846  | HH | 2841   | 49175   | 0.64%  | 0.024% |
|     |        |        |        |    |        |         |        |        |
| 151 | 8.889  | 8.846  | 8.914  | HH | 5528   | 124037  | 1.61%  | 0.062% |
| 152 | 8.934  | 8.914  | 8.962  | HH | 7682   | 125789  | 1.63%  | 0.063% |
| 153 | 8.984  | 8.962  | 8.999  | HH | 4073   | 70875   | 0.92%  | 0.035% |
| 154 | 9.024  | 8.999  | 9.053  | HH | 5554   | 127281  | 1.65%  | 0.063% |
| 155 | 9.072  | 9.053  | 9.088  | HH | 4016   | 65514   | 0.85%  | 0.033% |
|     |        |        |        |    |        |         |        |        |
| 156 | 9.106  | 9.088  | 9.154  | HH | 33172  | 548667  | 7.11%  | 0.273% |
| 157 | 9.159  | 9.154  | 9.168  | HH | 4849   | 40001   | 0.52%  | 0.020% |
| 158 | 9.187  | 9.168  | 9.212  | HH | 7048   | 142757  | 1.85%  | 0.071% |
| 159 | 9.229  | 9.212  | 9.235  | HH | 6639   | 75213   | 0.98%  | 0.037% |
| 160 | 9.253  | 9.235  | 9.290  | HH | 14107  | 292970  | 3.80%  | 0.146% |
|     |        |        |        |    |        |         |        |        |
| 161 | 9.313  | 9.290  | 9.333  | HH | 6841   | 153402  | 1.99%  | 0.076% |
| 162 | 9.347  | 9.333  | 9.366  | HH | 8286   | 122075  | 1.58%  | 0.061% |
| 163 | 9.380  | 9.366  | 9.405  | HH | 5296   | 104303  | 1.35%  | 0.052% |
| 164 | 9.435  | 9.405  | 9.462  | HH | 10575  | 225168  | 2.92%  | 0.112% |
| 165 | 9.463  | 9.462  | 9.491  | HH | 5940   | 90324   | 1.17%  | 0.045% |
|     |        |        |        |    |        |         |        |        |
| 166 | 9.516  | 9.491  | 9.575  | HH | 22591  | 488316  | 6.33%  | 0.243% |
| 167 | 9.599  | 9.575  | 9.659  | HH | 7769   | 285303  | 3.70%  | 0.142% |
| 168 | 9.692  | 9.659  | 9.721  | HH | 4738   | 150344  | 1.95%  | 0.075% |
| 169 | 9.724  | 9.721  | 9.766  | HH | 3505   | 85007   | 1.10%  | 0.042% |
| 170 | 9.792  | 9.766  | 9.800  | HH | 3462   | 65012   | 0.84%  | 0.032% |
|     |        |        |        |    |        |         |        |        |
| 171 | 9.859  | 9.800  | 9.873  | HH | 6101   | 193593  | 2.51%  | 0.096% |
| 172 | 9.903  | 9.873  | 9.934  | HH | 8507   | 227961  | 2.96%  | 0.114% |
| 173 | 9.951  | 9.934  | 9.962  | HH | 7888   | 112099  | 1.45%  | 0.056% |
| 174 | 9.990  | 9.962  | 10.012 | HH | 14987  | 310387  | 4.02%  | 0.155% |
| 175 | 10.028 | 10.012 | 10.064 | HH | 11341  | 268540  | 3.48%  | 0.134% |
|     |        |        |        |    |        |         |        |        |
| 176 | 10.099 | 10.064 | 10.118 | HH | 13139  | 276973  | 3.59%  | 0.138% |
| 177 | 10.122 | 10.118 | 10.146 | HH | 9228   | 138662  | 1.80%  | 0.069% |
| 178 | 10.161 | 10.146 | 10.173 | HH | 8320   | 125413  | 1.63%  | 0.062% |
| 179 | 10.188 | 10.173 | 10.214 | HH | 14704  | 285705  | 3.70%  | 0.142% |
| 180 | 10.251 | 10.214 | 10.284 | HH | 22030  | 592099  | 7.68%  | 0.295% |
|     |        |        |        |    |        |         |        |        |
| 181 | 10.308 | 10.284 | 10.346 | HH | 23400  | 572712  | 7.42%  | 0.285% |
| 182 | 10.372 | 10.346 | 10.391 | HH | 9094   | 211941  | 2.75%  | 0.106% |
| 183 | 10.403 | 10.391 | 10.419 | HH | 9436   | 132151  | 1.71%  | 0.066% |
| 184 | 10.432 | 10.419 | 10.450 | HH | 7774   | 138924  | 1.80%  | 0.069% |
| 185 | 10.490 | 10.450 | 10.532 | HH | 368609 | 4374592 | 56.71% | 2.179% |
|     |        |        |        |    |        |         |        |        |
| 186 | 10.541 | 10.532 | 10.552 | HH | 11779  | 127380  | 1.65%  | 0.063% |
| 187 | 10.571 | 10.552 | 10.633 | HH | 86622  | 1502662 | 19.48% | 0.749% |
| 188 | 10.648 | 10.633 | 10.655 | HH | 11817  | 154121  | 2.00%  | 0.077% |
| 189 | 10.665 | 10.655 | 10.734 | HH | 12347  | 459050  | 5.95%  | 0.229% |
| 190 | 10.755 | 10.734 | 10.770 | HH | 8435   | 165988  | 2.15%  | 0.083% |
|     |        |        |        |    |        |         |        |        |
| 191 | 10.803 | 10.770 | 10.855 | HH | 49575  | 1115916 | 14.47% | 0.556% |
| 192 | 10.859 | 10.855 | 10.873 | HH | 11507  | 122311  | 1.59%  | 0.061% |
| 193 | 10.889 | 10.873 | 10.914 | HH | 12038  | 258544  | 3.35%  | 0.129% |
| 194 | 10.950 | 10.914 | 10.969 | HH | 17961  | 412810  | 5.35%  | 0.206% |

|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    | rteres |         |         |        |
| 195 | 10.986 | 10.969 | 11.002 | HH | 11263  | 211767  | 2.75%   | 0.105% |
| 196 | 11.026 | 11.002 | 11.077 | HH | 27877  | 710035  | 9.21%   | 0.354% |
| 197 | 11.096 | 11.077 | 11.116 | HH | 15564  | 301129  | 3.90%   | 0.150% |
| 198 | 11.150 | 11.116 | 11.174 | HH | 19498  | 504487  | 6.54%   | 0.251% |
| 199 | 11.192 | 11.174 | 11.201 | HH | 11529  | 178150  | 2.31%   | 0.089% |
| 200 | 11.216 | 11.201 | 11.230 | HH | 13218  | 212763  | 2.76%   | 0.106% |
| 201 | 11.245 | 11.230 | 11.262 | HH | 11878  | 225067  | 2.92%   | 0.112% |
| 202 | 11.291 | 11.262 | 11.308 | HH | 72826  | 972421  | 12.61%  | 0.484% |
| 203 | 11.324 | 11.308 | 11.373 | HH | 77157  | 1300329 | 16.86%  | 0.648% |
| 204 | 11.401 | 11.373 | 11.423 | HH | 96041  | 1383263 | 17.93%  | 0.689% |
| 205 | 11.440 | 11.423 | 11.454 | HH | 54413  | 703178  | 9.12%   | 0.350% |
| 206 | 11.470 | 11.454 | 11.531 | HH | 62928  | 1262041 | 16.36%  | 0.629% |
| 207 | 11.547 | 11.531 | 11.567 | HH | 15609  | 294455  | 3.82%   | 0.147% |
| 208 | 11.586 | 11.567 | 11.601 | HH | 20902  | 364991  | 4.73%   | 0.182% |
| 209 | 11.614 | 11.601 | 11.630 | HH | 21151  | 331927  | 4.30%   | 0.165% |
| 210 | 11.639 | 11.630 | 11.656 | HH | 17131  | 243181  | 3.15%   | 0.121% |
| 211 | 11.690 | 11.656 | 11.744 | HH | 41212  | 1213411 | 15.73%  | 0.604% |
| 212 | 11.764 | 11.744 | 11.787 | HH | 40216  | 667989  | 8.66%   | 0.333% |
| 213 | 11.791 | 11.787 | 11.813 | HH | 19869  | 297964  | 3.86%   | 0.148% |
| 214 | 11.830 | 11.813 | 11.874 | HH | 17952  | 603740  | 7.83%   | 0.301% |
| 215 | 11.910 | 11.874 | 11.935 | HH | 21109  | 624007  | 8.09%   | 0.311% |
| 216 | 11.953 | 11.935 | 11.963 | HH | 17443  | 272119  | 3.53%   | 0.136% |
| 217 | 11.971 | 11.963 | 11.981 | HH | 17536  | 189975  | 2.46%   | 0.095% |
| 218 | 12.016 | 11.981 | 12.026 | HH | 22334  | 530263  | 6.87%   | 0.264% |
| 219 | 12.039 | 12.026 | 12.063 | HH | 23436  | 457946  | 5.94%   | 0.228% |
| 220 | 12.083 | 12.063 | 12.098 | HH | 34496  | 565442  | 7.33%   | 0.282% |
| 221 | 12.107 | 12.098 | 12.133 | HH | 24843  | 420547  | 5.45%   | 0.209% |
| 222 | 12.166 | 12.133 | 12.173 | HH | 46257  | 683300  | 8.86%   | 0.340% |
| 223 | 12.188 | 12.173 | 12.209 | HH | 66706  | 1057036 | 13.70%  | 0.527% |
| 224 | 12.227 | 12.209 | 12.239 | HH | 37738  | 589589  | 7.64%   | 0.294% |
| 225 | 12.252 | 12.239 | 12.276 | HH | 42948  | 757895  | 9.83%   | 0.378% |
| 226 | 12.303 | 12.276 | 12.367 | HH | 579843 | 7713442 | 100.00% | 3.842% |
| 227 | 12.399 | 12.367 | 12.425 | HH | 28182  | 755798  | 9.80%   | 0.377% |
| 228 | 12.450 | 12.425 | 12.477 | HH | 37749  | 952323  | 12.35%  | 0.474% |
| 229 | 12.494 | 12.477 | 12.513 | HH | 43430  | 717440  | 9.30%   | 0.357% |
| 230 | 12.524 | 12.513 | 12.537 | HH | 28308  | 382394  | 4.96%   | 0.190% |
| 231 | 12.554 | 12.537 | 12.571 | HH | 33564  | 616679  | 7.99%   | 0.307% |
| 232 | 12.597 | 12.571 | 12.637 | HH | 545455 | 6870295 | 89.07%  | 3.422% |
| 233 | 12.655 | 12.637 | 12.676 | HH | 62598  | 977622  | 12.67%  | 0.487% |
| 234 | 12.693 | 12.676 | 12.728 | HH | 63780  | 1257647 | 16.30%  | 0.626% |
| 235 | 12.735 | 12.728 | 12.745 | HH | 25593  | 262250  | 3.40%   | 0.131% |
| 236 | 12.780 | 12.745 | 12.803 | HH | 38750  | 1049122 | 13.60%  | 0.523% |
| 237 | 12.822 | 12.803 | 12.848 | HH | 35445  | 836398  | 10.84%  | 0.417% |
| 238 | 12.880 | 12.848 | 12.914 | HH | 49662  | 1346013 | 17.45%  | 0.671% |
| 239 | 12.935 | 12.914 | 12.951 | HH | 33050  | 631683  | 8.19%   | 0.315% |
| 240 | 12.962 | 12.951 | 12.979 | HH | 34216  | 503217  | 6.52%   | 0.251% |
| 241 | 13.006 | 12.979 | 13.039 | HH | 36912  | 1102764 | 14.30%  | 0.549% |
| 242 | 13.062 | 13.039 | 13.133 | HH | 61477  | 2082396 | 27.00%  | 1.037% |
| 243 | 13.190 | 13.133 | 13.242 | HH | 116352 | 3296398 | 42.74%  | 1.642% |
| 244 | 13.255 | 13.242 | 13.272 | HH | 33158  | 542429  | 7.03%   | 0.270% |
| 245 | 13.295 | 13.272 | 13.315 | HH | 87442  | 1382911 | 17.93%  | 0.689% |
| 246 | 13.333 | 13.315 | 13.356 | HH | 80728  | 1368956 | 17.75%  | 0.682% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 13.367 | 13.356 | 13.388 | HH | 45106  | 767873  | 9.95%  | 0.383% |
| 248    | 13.399 | 13.388 | 13.405 | HH | 32178  | 314465  | 4.08%  | 0.157% |
| 249    | 13.460 | 13.405 | 13.483 | HH | 84437  | 2298515 | 29.80% | 1.145% |
| 250    | 13.502 | 13.483 | 13.555 | HH | 61441  | 1770123 | 22.95% | 0.882% |
|        |        |        |        |    |        |         |        |        |
| 251    | 13.570 | 13.555 | 13.586 | HH | 33651  | 580437  | 7.53%  | 0.289% |
| 252    | 13.598 | 13.586 | 13.609 | HH | 30642  | 412520  | 5.35%  | 0.205% |
| 253    | 13.628 | 13.609 | 13.651 | HH | 34993  | 807830  | 10.47% | 0.402% |
| 254    | 13.671 | 13.651 | 13.677 | HH | 32070  | 477690  | 6.19%  | 0.238% |
| 255    | 13.700 | 13.677 | 13.748 | HH | 34930  | 1348549 | 17.48% | 0.672% |
|        |        |        |        |    |        |         |        |        |
| 256    | 13.783 | 13.748 | 13.816 | HH | 34375  | 1297110 | 16.82% | 0.646% |
| 257    | 13.830 | 13.816 | 13.842 | HH | 32481  | 487570  | 6.32%  | 0.243% |
| 258    | 13.858 | 13.842 | 13.869 | HH | 38699  | 578529  | 7.50%  | 0.288% |
| 259    | 13.900 | 13.869 | 13.910 | HH | 49007  | 1088365 | 14.11% | 0.542% |
| 260    | 13.919 | 13.910 | 13.931 | HH | 45880  | 569089  | 7.38%  | 0.283% |
|        |        |        |        |    |        |         |        |        |
| 261    | 13.945 | 13.931 | 13.975 | HH | 65658  | 1341463 | 17.39% | 0.668% |
| 262    | 13.998 | 13.975 | 14.013 | HH | 45860  | 982747  | 12.74% | 0.490% |
| 263    | 14.026 | 14.013 | 14.051 | HH | 47004  | 975410  | 12.65% | 0.486% |
| 264    | 14.065 | 14.051 | 14.078 | HH | 37180  | 576234  | 7.47%  | 0.287% |
| 265    | 14.103 | 14.078 | 14.132 | HH | 76378  | 1805289 | 23.40% | 0.899% |
|        |        |        |        |    |        |         |        |        |
| 266    | 14.160 | 14.132 | 14.186 | HH | 97916  | 2220385 | 28.79% | 1.106% |
| 267    | 14.195 | 14.186 | 14.203 | HH | 42931  | 420869  | 5.46%  | 0.210% |
| 268    | 14.221 | 14.203 | 14.239 | HH | 59145  | 1127643 | 14.62% | 0.562% |
| 269    | 14.254 | 14.239 | 14.301 | HH | 72449  | 1939005 | 25.14% | 0.966% |
| 270    | 14.341 | 14.301 | 14.386 | HH | 161313 | 3734256 | 48.41% | 1.860% |
|        |        |        |        |    |        |         |        |        |
| 271    | 14.391 | 14.386 | 14.396 | HH | 36275  | 227015  | 2.94%  | 0.113% |
| 272    | 14.402 | 14.396 | 14.418 | HH | 36203  | 450298  | 5.84%  | 0.224% |
| 273    | 14.438 | 14.418 | 14.450 | HH | 64102  | 982723  | 12.74% | 0.490% |
| 274    | 14.472 | 14.450 | 14.492 | HH | 325957 | 4466484 | 57.91% | 2.225% |
| 275    | 14.512 | 14.492 | 14.563 | HH | 324566 | 5584603 | 72.40% | 2.782% |
|        |        |        |        |    |        |         |        |        |
| 276    | 14.591 | 14.563 | 14.608 | HH | 43383  | 1088281 | 14.11% | 0.542% |
| 277    | 14.631 | 14.608 | 14.651 | HH | 85965  | 1658306 | 21.50% | 0.826% |
| 278    | 14.669 | 14.651 | 14.710 | HH | 64385  | 1869057 | 24.23% | 0.931% |
| 279    | 14.739 | 14.710 | 14.764 | HH | 59104  | 1589536 | 20.61% | 0.792% |
| 280    | 14.794 | 14.764 | 14.809 | HH | 68779  | 1525842 | 19.78% | 0.760% |
|        |        |        |        |    |        |         |        |        |
| 281    | 14.824 | 14.809 | 14.858 | HH | 68593  | 1659685 | 21.52% | 0.827% |
| 282    | 14.861 | 14.858 | 14.890 | HH | 45977  | 804136  | 10.43% | 0.401% |
| 283    | 14.921 | 14.890 | 14.949 | HH | 83529  | 2231253 | 28.93% | 1.112% |
| 284    | 14.956 | 14.949 | 15.006 | HH | 56458  | 1730629 | 22.44% | 0.862% |
| 285    | 15.034 | 15.006 | 15.045 | HH | 52027  | 1134400 | 14.71% | 0.565% |
|        |        |        |        |    |        |         |        |        |
| 286    | 15.066 | 15.045 | 15.088 | HH | 59847  | 1377099 | 17.85% | 0.686% |
| 287    | 15.105 | 15.088 | 15.121 | HH | 62937  | 1102675 | 14.30% | 0.549% |
| 288    | 15.144 | 15.121 | 15.168 | HH | 129673 | 2338473 | 30.32% | 1.165% |
| 289    | 15.185 | 15.168 | 15.220 | HH | 82495  | 1964445 | 25.47% | 0.979% |
| 290    | 15.234 | 15.220 | 15.267 | HH | 59669  | 1569025 | 20.34% | 0.782% |
|        |        |        |        |    |        |         |        |        |
| 291    | 15.308 | 15.267 | 15.339 | HH | 80911  | 3026997 | 39.24% | 1.508% |
| 292    | 15.346 | 15.339 | 15.356 | HH | 54308  | 536914  | 6.96%  | 0.267% |
| 293    | 15.380 | 15.356 | 15.406 | HH | 62342  | 1675422 | 21.72% | 0.835% |
| 294    | 15.428 | 15.406 | 15.447 | HH | 52451  | 1224738 | 15.88% | 0.610% |
| 295    | 15.469 | 15.447 | 15.526 | HH | 59923  | 2411447 | 31.26% | 1.201% |
|        |        |        |        |    |        |         |        |        |
| 296    | 15.568 | 15.526 | 15.604 | HH | 66382  | 2700570 | 35.01% | 1.345% |
| 297    | 15.624 | 15.604 | 15.635 | HH | 55201  | 999477  | 12.96% | 0.498% |
| 298    | 15.644 | 15.635 | 15.676 | HH | 55799  | 1293472 | 16.77% | 0.644% |
| 299    | 15.701 | 15.676 | 15.713 | HH | 52781  | 1146964 | 14.87% | 0.571% |

|     |        |        |        |     |        |         |        |        |
|-----|--------|--------|--------|-----|--------|---------|--------|--------|
|     |        |        |        |     | rt     | eres    |        |        |
| 300 | 15.747 | 15.713 | 15.770 | HH  | 63172  | 1932509 | 25.05% | 0.963% |
| 301 | 15.787 | 15.770 | 15.794 | HH  | 58911  | 818284  | 10.61% | 0.408% |
| 302 | 15.806 | 15.794 | 15.814 | HH  | 66680  | 768750  | 9.97%  | 0.383% |
| 303 | 15.833 | 15.814 | 15.864 | HH  | 73328  | 1999213 | 25.92% | 0.996% |
| 304 | 15.892 | 15.864 | 15.896 | HH  | 60047  | 1098849 | 14.25% | 0.547% |
| 305 | 15.930 | 15.896 | 15.941 | HH  | 79287  | 1939498 | 25.14% | 0.966% |
| 306 | 15.949 | 15.941 | 15.975 | HH  | 80847  | 1444637 | 18.73% | 0.720% |
| 307 | 15.996 | 15.975 | 16.004 | HH  | 83595  | 1286794 | 16.68% | 0.641% |
| 308 | 16.030 | 16.004 | 16.049 | HH  | 406149 | 6085746 | 78.90% | 3.032% |
| 309 | 16.058 | 16.049 | 16.095 | HH  | 164021 | 3035270 | 39.35% | 1.512% |
| 310 | 16.117 | 16.095 | 16.137 | HH  | 67069  | 1615723 | 20.95% | 0.805% |
| 311 | 16.164 | 16.137 | 16.191 | HH  | 121472 | 2854927 | 37.01% | 1.422% |
| 312 | 16.202 | 16.191 | 16.236 | HH  | 75435  | 1891553 | 24.52% | 0.942% |
| 313 | 16.252 | 16.236 | 16.260 | HH  | 66571  | 911553  | 11.82% | 0.454% |
| 314 | 16.309 | 16.260 | 16.325 | HH  | 110721 | 3286477 | 42.61% | 1.637% |
| 315 | 16.349 | 16.325 | 16.383 | HH  | 261246 | 4955124 | 64.24% | 2.468% |
| 316 | 16.409 | 16.383 | 16.445 | HH  | 317534 | 5842738 | 75.75% | 2.911% |
| 317 | 16.457 | 16.445 | 16.482 | HH  | 78552  | 1661104 | 21.54% | 0.827% |
| 318 | 16.511 | 16.482 | 16.535 | HH  | 140246 | 3280559 | 42.53% | 1.634% |
| 319 | 16.546 | 16.535 | 16.568 | HH  | 90669  | 1696689 | 22.00% | 0.845% |
| 320 | 16.579 | 16.568 | 16.600 | HHA | 87944  | 1671871 | 21.67% | 0.833% |

Sum of corrected areas: 200741788

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