

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF052021\  
 Data File : FF008458.D  
 Signal(s) : FID2B.ch  
 Acq On : 20 May 2021 16:53  
 Sample : M2432-01 2X  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF050521.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         | 2.432       | 2.400        | 2.455      | BH       | 551            | 5074         | 0.14%          | 0.004%        |
| 2         | 2.468       | 2.455        | 2.525      | PH       | 61             | -79          | -0.00%         | -0.000%       |
| 3         | 2.529       | 2.525        | 2.534      | PH       | 84             | 58           | 0.00%          | 0.000%        |
| 4         | 2.539       | 2.534        | 2.544      | PH       | -22            | -93          | -0.00%         | -0.000%       |
| 5         | 2.547       | 2.544        | 2.553      | PH       | 42             | 222          | 0.01%          | 0.000%        |
| 6         | 2.577       | 2.553        | 2.590      | PH       | 237            | 2612         | 0.07%          | 0.002%        |
| 7         | 2.603       | 2.590        | 2.639      | HH       | 1141           | 13559        | 0.38%          | 0.009%        |
| 8         | 2.665       | 2.639        | 2.690      | HH       | 3202           | 28076        | 0.79%          | 0.020%        |
| 9         | 2.702       | 2.690        | 2.714      | HH       | 492            | 4409         | 0.12%          | 0.003%        |
| 10        | 2.721       | 2.714        | 2.745      | HH       | 416            | 3848         | 0.11%          | 0.003%        |
| 11        | 2.766       | 2.745        | 2.772      | PH       | 101            | 654          | 0.02%          | 0.000%        |
| 12        | 2.779       | 2.772        | 2.790      | PH       | 118            | 744          | 0.02%          | 0.001%        |
| 13        | 2.799       | 2.790        | 2.814      | HH       | 160            | 1408         | 0.04%          | 0.001%        |
| 14        | 2.832       | 2.814        | 2.882      | HH       | 1143           | 8919         | 0.25%          | 0.006%        |
| 15        | 2.894       | 2.882        | 2.912      | PH       | 83             | 547          | 0.02%          | 0.000%        |
| 16        | 2.916       | 2.912        | 2.949      | PH       | 51             | -295         | -0.01%         | -0.000%       |
| 17        | 2.953       | 2.949        | 2.956      | PH       | -16            | -109         | -0.00%         | -0.000%       |
| 18        | 2.960       | 2.956        | 2.977      | PH       | 64             | -234         | -0.01%         | -0.000%       |
| 19        | 2.995       | 2.977        | 3.020      | PH       | 253            | 3335         | 0.09%          | 0.002%        |
| 20        | 3.024       | 3.020        | 3.040      | PH       | 110            | 147          | 0.00%          | 0.000%        |
| 21        | 3.060       | 3.040        | 3.072      | PH       | 130            | 736          | 0.02%          | 0.001%        |
| 22        | 3.088       | 3.072        | 3.103      | PH       | 449            | 3708         | 0.10%          | 0.003%        |
| 23        | 3.121       | 3.103        | 3.137      | HH       | 610            | 6319         | 0.18%          | 0.004%        |
| 24        | 3.148       | 3.137        | 3.194      | HH       | 246            | 3997         | 0.11%          | 0.003%        |
| 25        | 3.205       | 3.194        | 3.227      | PH       | 202            | 1172         | 0.03%          | 0.001%        |
| 26        | 3.246       | 3.227        | 3.274      | PH       | 796            | 7742         | 0.22%          | 0.005%        |
| 27        | 3.307       | 3.274        | 3.316      | PH       | 102            | -237         | -0.01%         | -0.000%       |
| 28        | 3.322       | 3.316        | 3.334      | PH       | -8             | -421         | -0.01%         | -0.000%       |
| 29        | 3.349       | 3.334        | 3.363      | PH       | 547            | 4674         | 0.13%          | 0.003%        |
| 30        | 3.367       | 3.363        | 3.405      | HH       | 191            | 851          | 0.02%          | 0.001%        |
| 31        | 3.411       | 3.405        | 3.415      | PH       | -20            | -290         | -0.01%         | -0.000%       |
| 32        | 3.422       | 3.415        | 3.452      | PH       | 65             | -991         | -0.03%         | -0.001%       |
| 33        | 3.467       | 3.452        | 3.492      | PH       | 247            | 151          | 0.00%          | 0.000%        |
| 34        | 3.525       | 3.492        | 3.545      | PH       | 153            | -240         | -0.01%         | -0.000%       |
| 35        | 3.552       | 3.545        | 3.574      | PH       | 44             | -274         | -0.01%         | -0.000%       |
| 36        | 3.582       | 3.574        | 3.587      | PH       | 9              | -331         | -0.01%         | -0.000%       |

|    |       |       |       |    | rteres |        |        |         |
|----|-------|-------|-------|----|--------|--------|--------|---------|
| 37 | 3.591 | 3.587 | 3.621 | PH | 2      | -669   | -0.02% | -0.000% |
| 38 | 3.631 | 3.621 | 3.635 | PH | 20     | -356   | -0.01% | -0.000% |
| 39 | 3.641 | 3.635 | 3.645 | PH | 47     | 63     | 0.00%  | 0.000%  |
| 40 | 3.649 | 3.645 | 3.683 | PH | 67     | -261   | -0.01% | -0.000% |
| 41 | 3.707 | 3.683 | 3.739 | PH | 9098   | 84792  | 2.40%  | 0.059%  |
| 42 | 3.773 | 3.739 | 3.803 | PH | 8329   | 72554  | 2.05%  | 0.050%  |
| 43 | 3.818 | 3.803 | 3.825 | PH | 51     | -285   | -0.01% | -0.000% |
| 44 | 3.839 | 3.825 | 3.867 | PH | 146    | -178   | -0.01% | -0.000% |
| 45 | 3.889 | 3.867 | 3.897 | PH | 1456   | 11055  | 0.31%  | 0.008%  |
| 46 | 3.905 | 3.897 | 3.929 | HH | 1528   | 11764  | 0.33%  | 0.008%  |
| 47 | 3.953 | 3.929 | 3.959 | PH | 76     | -258   | -0.01% | -0.000% |
| 48 | 3.962 | 3.959 | 3.980 | HH | 80     | -244   | -0.01% | -0.000% |
| 49 | 4.018 | 3.980 | 4.029 | PH | 10     | -2052  | -0.06% | -0.001% |
| 50 | 4.051 | 4.029 | 4.095 | PH | -15    | -2097  | -0.06% | -0.001% |
| 51 | 4.117 | 4.095 | 4.132 | PH | 8837   | 65433  | 1.85%  | 0.045%  |
| 52 | 4.155 | 4.132 | 4.182 | HH | 41729  | 381671 | 10.79% | 0.265%  |
| 53 | 4.192 | 4.182 | 4.209 | HH | 484    | 4103   | 0.12%  | 0.003%  |
| 54 | 4.218 | 4.209 | 4.265 | HH | 87     | -625   | -0.02% | -0.000% |
| 55 | 4.282 | 4.265 | 4.317 | PH | 11941  | 110730 | 3.13%  | 0.077%  |
| 56 | 4.351 | 4.317 | 4.378 | HH | 2519   | 28974  | 0.82%  | 0.020%  |
| 57 | 4.389 | 4.378 | 4.439 | HH | 147    | 1301   | 0.04%  | 0.001%  |
| 58 | 4.482 | 4.439 | 4.501 | PH | 395    | 3925   | 0.11%  | 0.003%  |
| 59 | 4.536 | 4.501 | 4.566 | PH | 617    | 7076   | 0.20%  | 0.005%  |
| 60 | 4.577 | 4.566 | 4.592 | PH | 145    | 1082   | 0.03%  | 0.001%  |
| 61 | 4.616 | 4.592 | 4.634 | PH | 2932   | 30270  | 0.86%  | 0.021%  |
| 62 | 4.645 | 4.634 | 4.664 | HH | 1391   | 12384  | 0.35%  | 0.009%  |
| 63 | 4.682 | 4.664 | 4.708 | HH | 788    | 7772   | 0.22%  | 0.005%  |
| 64 | 4.743 | 4.708 | 4.779 | PH | 2284   | 27576  | 0.78%  | 0.019%  |
| 65 | 4.788 | 4.779 | 4.811 | PH | 12     | -1211  | -0.03% | -0.001% |
| 66 | 4.822 | 4.811 | 4.836 | PH | 28     | -848   | -0.02% | -0.001% |
| 67 | 4.873 | 4.836 | 4.900 | PH | 440    | 1513   | 0.04%  | 0.001%  |
| 68 | 4.921 | 4.900 | 4.945 | PH | -9     | -2367  | -0.07% | -0.002% |
| 69 | 4.966 | 4.945 | 4.980 | PH | -94    | -3249  | -0.09% | -0.002% |
| 70 | 5.006 | 4.980 | 5.020 | PH | -81    | -3725  | -0.11% | -0.003% |
| 71 | 5.040 | 5.020 | 5.059 | PH | 4577   | 38365  | 1.08%  | 0.027%  |
| 72 | 5.073 | 5.059 | 5.093 | PH | 1366   | 9951   | 0.28%  | 0.007%  |
| 73 | 5.104 | 5.093 | 5.115 | PH | -9     | -1271  | -0.04% | -0.001% |
| 74 | 5.133 | 5.115 | 5.200 | PH | 507    | 1933   | 0.05%  | 0.001%  |
| 75 | 5.221 | 5.200 | 5.254 | PH | 3688   | 31192  | 0.88%  | 0.022%  |
| 76 | 5.278 | 5.254 | 5.299 | PH | 125    | -960   | -0.03% | -0.001% |
| 77 | 5.310 | 5.299 | 5.327 | PH | 42     | -1363  | -0.04% | -0.001% |
| 78 | 5.345 | 5.327 | 5.359 | PH | 941    | 7141   | 0.20%  | 0.005%  |
| 79 | 5.406 | 5.359 | 5.435 | HH | 28233  | 280649 | 7.94%  | 0.195%  |
| 80 | 5.448 | 5.435 | 5.481 | HH | 649    | 4878   | 0.14%  | 0.003%  |
| 81 | 5.520 | 5.481 | 5.559 | PH | 2089   | 13237  | 0.37%  | 0.009%  |
| 82 | 5.610 | 5.559 | 5.667 | PH | 1006   | 6566   | 0.19%  | 0.005%  |
| 83 | 5.686 | 5.667 | 5.722 | PH | 136    | -2140  | -0.06% | -0.001% |
| 84 | 5.745 | 5.722 | 5.764 | PH | 504    | 2978   | 0.08%  | 0.002%  |
| 85 | 5.781 | 5.764 | 5.797 | PH | 269    | 2347   | 0.07%  | 0.002%  |
| 86 | 5.810 | 5.797 | 5.852 | PH | 347    | 2078   | 0.06%  | 0.001%  |
| 87 | 5.861 | 5.852 | 5.873 | PH | -2     | -420   | -0.01% | -0.000% |
| 88 | 5.891 | 5.873 | 5.960 | PH | 413    | 1607   | 0.05%  | 0.001%  |
| 89 | 5.973 | 5.960 | 5.984 | PH | -148   | -2473  | -0.07% | -0.002% |

|     |       |       |       |    | rteres |        |        |         |
|-----|-------|-------|-------|----|--------|--------|--------|---------|
| 90  | 6.030 | 5.984 | 6.069 | PH | 1036   | 9133   | 0.26%  | 0.006%  |
| 91  | 6.089 | 6.069 | 6.107 | PH | 640    | 5432   | 0.15%  | 0.004%  |
| 92  | 6.157 | 6.107 | 6.216 | HH | 1661   | 21828  | 0.62%  | 0.015%  |
| 93  | 6.260 | 6.216 | 6.283 | PH | 811    | 7515   | 0.21%  | 0.005%  |
| 94  | 6.299 | 6.283 | 6.325 | HH | 688    | 6394   | 0.18%  | 0.004%  |
| 95  | 6.338 | 6.325 | 6.364 | PH | 102    | -461   | -0.01% | -0.000% |
| 96  | 6.396 | 6.364 | 6.487 | PH | 1401   | 22853  | 0.65%  | 0.016%  |
| 97  | 6.506 | 6.487 | 6.529 | PH | 279    | 1869   | 0.05%  | 0.001%  |
| 98  | 6.551 | 6.529 | 6.587 | PH | 411    | 5682   | 0.16%  | 0.004%  |
| 99  | 6.600 | 6.587 | 6.614 | PH | 233    | -444   | -0.01% | -0.000% |
| 100 | 6.654 | 6.614 | 6.669 | PH | -48    | -3703  | -0.10% | -0.003% |
| 101 | 6.676 | 6.669 | 6.684 | PH | -63    | -1136  | -0.03% | -0.001% |
| 102 | 6.704 | 6.684 | 6.719 | PH | 101    | -957   | -0.03% | -0.001% |
| 103 | 6.728 | 6.719 | 6.763 | PH | -61    | -3720  | -0.11% | -0.003% |
| 104 | 6.780 | 6.763 | 6.792 | PH | -124   | -2965  | -0.08% | -0.002% |
| 105 | 6.828 | 6.792 | 6.854 | PH | -79    | -5417  | -0.15% | -0.004% |
| 106 | 6.890 | 6.854 | 6.956 | PH | 712    | -1180  | -0.03% | -0.001% |
| 107 | 7.000 | 6.956 | 7.040 | PH | 796    | 4564   | 0.13%  | 0.003%  |
| 108 | 7.057 | 7.040 | 7.099 | PH | 386    | 965    | 0.03%  | 0.001%  |
| 109 | 7.114 | 7.099 | 7.142 | PH | 62     | -3416  | -0.10% | -0.002% |
| 110 | 7.176 | 7.142 | 7.232 | PH | 1779   | 11521  | 0.33%  | 0.008%  |
| 111 | 7.250 | 7.232 | 7.283 | PH | 455    | 164    | 0.00%  | 0.000%  |
| 112 | 7.310 | 7.283 | 7.319 | PH | 307    | 1845   | 0.05%  | 0.001%  |
| 113 | 7.340 | 7.319 | 7.365 | HH | 442    | 4517   | 0.13%  | 0.003%  |
| 114 | 7.374 | 7.365 | 7.395 | PH | -44    | -2441  | -0.07% | -0.002% |
| 115 | 7.411 | 7.395 | 7.445 | PH | 242    | -1859  | -0.05% | -0.001% |
| 116 | 7.463 | 7.445 | 7.515 | PH | 775    | 7702   | 0.22%  | 0.005%  |
| 117 | 7.549 | 7.515 | 7.580 | PH | 99     | -2861  | -0.08% | -0.002% |
| 118 | 7.593 | 7.580 | 7.612 | PH | -53    | -2653  | -0.08% | -0.002% |
| 119 | 7.633 | 7.612 | 7.653 | PH | 456    | 2849   | 0.08%  | 0.002%  |
| 120 | 7.671 | 7.653 | 7.722 | PH | 835    | 3259   | 0.09%  | 0.002%  |
| 121 | 7.741 | 7.722 | 7.793 | PH | 1012   | 6300   | 0.18%  | 0.004%  |
| 122 | 7.805 | 7.793 | 7.815 | PH | -105   | -2355  | -0.07% | -0.002% |
| 123 | 7.832 | 7.815 | 7.847 | PH | -93    | -3204  | -0.09% | -0.002% |
| 124 | 7.892 | 7.847 | 7.919 | PH | 1142   | 18135  | 0.51%  | 0.013%  |
| 125 | 7.926 | 7.919 | 7.943 | HH | 278    | 1354   | 0.04%  | 0.001%  |
| 126 | 7.958 | 7.943 | 7.977 | PH | -75    | -2574  | -0.07% | -0.002% |
| 127 | 7.989 | 7.977 | 8.012 | PH | -32    | -3368  | -0.10% | -0.002% |
| 128 | 8.033 | 8.012 | 8.046 | PH | 77     | -1578  | -0.04% | -0.001% |
| 129 | 8.054 | 8.046 | 8.067 | PH | 43     | -96    | -0.00% | -0.000% |
| 130 | 8.081 | 8.067 | 8.101 | PH | 37     | -1224  | -0.03% | -0.001% |
| 131 | 8.116 | 8.101 | 8.130 | PH | 56     | -440   | -0.01% | -0.000% |
| 132 | 8.151 | 8.130 | 8.194 | PH | 290    | 4634   | 0.13%  | 0.003%  |
| 133 | 8.233 | 8.194 | 8.263 | PH | 1247   | 18579  | 0.53%  | 0.013%  |
| 134 | 8.303 | 8.263 | 8.322 | PH | 3131   | 39889  | 1.13%  | 0.028%  |
| 135 | 8.358 | 8.322 | 8.379 | HH | 6737   | 83964  | 2.37%  | 0.058%  |
| 136 | 8.402 | 8.379 | 8.435 | HH | 42025  | 413003 | 11.68% | 0.287%  |
| 137 | 8.463 | 8.435 | 8.494 | HH | 4342   | 58758  | 1.66%  | 0.041%  |
| 138 | 8.505 | 8.494 | 8.525 | PH | 35     | 211    | 0.01%  | 0.000%  |
| 139 | 8.558 | 8.525 | 8.582 | PH | 298    | 3418   | 0.10%  | 0.002%  |
| 140 | 8.639 | 8.582 | 8.675 | PH | 1714   | 29915  | 0.85%  | 0.021%  |
| 141 | 8.734 | 8.675 | 8.772 | HH | 1907   | 36825  | 1.04%  | 0.026%  |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 142 | 8.804  | 8.772  | 8.852  | HH | 1267   | 18445  | 0.52% | 0.013% |
| 143 | 8.875  | 8.852  | 8.885  | PH | 276    | 2013   | 0.06% | 0.001% |
| 144 | 8.903  | 8.885  | 8.922  | HH | 405    | 5659   | 0.16% | 0.004% |
| 145 | 8.930  | 8.922  | 8.945  | HH | 411    | 4126   | 0.12% | 0.003% |
|     |        |        |        |    |        |        |       |        |
| 146 | 8.958  | 8.945  | 8.971  | HH | 258    | 2303   | 0.07% | 0.002% |
| 147 | 8.989  | 8.971  | 9.010  | PH | 652    | 6248   | 0.18% | 0.004% |
| 148 | 9.026  | 9.010  | 9.045  | PH | 574    | 5330   | 0.15% | 0.004% |
| 149 | 9.069  | 9.045  | 9.120  | HH | 1343   | 25886  | 0.73% | 0.018% |
| 150 | 9.157  | 9.120  | 9.173  | PH | 831    | 8084   | 0.23% | 0.006% |
|     |        |        |        |    |        |        |       |        |
| 151 | 9.191  | 9.173  | 9.227  | HH | 1136   | 13334  | 0.38% | 0.009% |
| 152 | 9.257  | 9.227  | 9.291  | HH | 544    | 5683   | 0.16% | 0.004% |
| 153 | 9.313  | 9.291  | 9.334  | PH | 150    | 871    | 0.02% | 0.001% |
| 154 | 9.346  | 9.334  | 9.390  | PH | 233    | 2017   | 0.06% | 0.001% |
| 155 | 9.401  | 9.390  | 9.410  | PH | 113    | 905    | 0.03% | 0.001% |
|     |        |        |        |    |        |        |       |        |
| 156 | 9.423  | 9.410  | 9.437  | HH | 195    | 1829   | 0.05% | 0.001% |
| 157 | 9.472  | 9.437  | 9.499  | HH | 1658   | 23368  | 0.66% | 0.016% |
| 158 | 9.536  | 9.499  | 9.560  | HH | 1363   | 18768  | 0.53% | 0.013% |
| 159 | 9.576  | 9.560  | 9.584  | HH | 168    | 1459   | 0.04% | 0.001% |
| 160 | 9.607  | 9.584  | 9.622  | HH | 401    | 5561   | 0.16% | 0.004% |
|     |        |        |        |    |        |        |       |        |
| 161 | 9.676  | 9.622  | 9.703  | HH | 7742   | 96109  | 2.72% | 0.067% |
| 162 | 9.717  | 9.703  | 9.730  | HH | 338    | 3761   | 0.11% | 0.003% |
| 163 | 9.750  | 9.730  | 9.770  | HH | 553    | 8753   | 0.25% | 0.006% |
| 164 | 9.784  | 9.770  | 9.817  | HH | 401    | 7481   | 0.21% | 0.005% |
| 165 | 9.866  | 9.817  | 9.905  | HH | 3628   | 52092  | 1.47% | 0.036% |
|     |        |        |        |    |        |        |       |        |
| 166 | 9.933  | 9.905  | 9.985  | HH | 1294   | 23692  | 0.67% | 0.016% |
| 167 | 9.999  | 9.985  | 10.011 | PH | 147    | 1653   | 0.05% | 0.001% |
| 168 | 10.034 | 10.011 | 10.070 | HH | 485    | 10492  | 0.30% | 0.007% |
| 169 | 10.088 | 10.070 | 10.113 | HH | 553    | 9856   | 0.28% | 0.007% |
| 170 | 10.126 | 10.113 | 10.159 | HH | 452    | 5530   | 0.16% | 0.004% |
|     |        |        |        |    |        |        |       |        |
| 171 | 10.187 | 10.159 | 10.207 | PH | 757    | 9549   | 0.27% | 0.007% |
| 172 | 10.221 | 10.207 | 10.264 | HH | 403    | 7698   | 0.22% | 0.005% |
| 173 | 10.304 | 10.264 | 10.340 | HH | 12380  | 143223 | 4.05% | 0.099% |
| 174 | 10.364 | 10.340 | 10.395 | HH | 1036   | 18599  | 0.53% | 0.013% |
| 175 | 10.414 | 10.395 | 10.444 | HH | 683    | 13684  | 0.39% | 0.010% |
|     |        |        |        |    |        |        |       |        |
| 176 | 10.480 | 10.444 | 10.504 | HH | 856    | 18508  | 0.52% | 0.013% |
| 177 | 10.541 | 10.504 | 10.565 | HH | 2123   | 32396  | 0.92% | 0.023% |
| 178 | 10.582 | 10.565 | 10.602 | HH | 975    | 15198  | 0.43% | 0.011% |
| 179 | 10.623 | 10.602 | 10.648 | HH | 1917   | 29152  | 0.82% | 0.020% |
| 180 | 10.697 | 10.648 | 10.719 | HH | 7610   | 115991 | 3.28% | 0.081% |
|     |        |        |        |    |        |        |       |        |
| 181 | 10.740 | 10.719 | 10.762 | HH | 1300   | 25497  | 0.72% | 0.018% |
| 182 | 10.792 | 10.762 | 10.814 | HH | 926    | 23447  | 0.66% | 0.016% |
| 183 | 10.836 | 10.814 | 10.865 | HH | 968    | 19212  | 0.54% | 0.013% |
| 184 | 10.898 | 10.865 | 10.912 | HH | 1490   | 28522  | 0.81% | 0.020% |
| 185 | 10.937 | 10.912 | 10.987 | HH | 19214  | 234936 | 6.64% | 0.163% |
|     |        |        |        |    |        |        |       |        |
| 186 | 11.009 | 10.987 | 11.028 | HH | 2492   | 34078  | 0.96% | 0.024% |
| 187 | 11.038 | 11.028 | 11.074 | HH | 952    | 19628  | 0.56% | 0.014% |
| 188 | 11.114 | 11.074 | 11.135 | HH | 886    | 26431  | 0.75% | 0.018% |
| 189 | 11.176 | 11.135 | 11.202 | HH | 1597   | 37353  | 1.06% | 0.026% |
| 190 | 11.220 | 11.202 | 11.245 | HH | 2950   | 41107  | 1.16% | 0.029% |
|     |        |        |        |    |        |        |       |        |
| 191 | 11.267 | 11.245 | 11.309 | HH | 9837   | 149850 | 4.24% | 0.104% |
| 192 | 11.342 | 11.309 | 11.357 | HH | 1485   | 30236  | 0.86% | 0.021% |
| 193 | 11.383 | 11.357 | 11.413 | HH | 12723  | 159994 | 4.52% | 0.111% |
| 194 | 11.437 | 11.413 | 11.472 | HH | 8532   | 121556 | 3.44% | 0.084% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 11.488 | 11.472 | 11.510 | HH | 3061   | 42884   | 1.21%  | 0.030% |
| 196 | 11.535 | 11.510 | 11.550 | HH | 1444   | 26307   | 0.74%  | 0.018% |
| 197 | 11.564 | 11.550 | 11.589 | HH | 1974   | 28983   | 0.82%  | 0.020% |
| 198 | 11.619 | 11.589 | 11.667 | HH | 7133   | 116874  | 3.31%  | 0.081% |
| 199 | 11.686 | 11.667 | 11.715 | HH | 1351   | 28801   | 0.81%  | 0.020% |
| 200 | 11.735 | 11.715 | 11.749 | HH | 1937   | 27929   | 0.79%  | 0.019% |
| 201 | 11.786 | 11.749 | 11.817 | HH | 4818   | 107973  | 3.05%  | 0.075% |
| 202 | 11.851 | 11.817 | 11.870 | HH | 2656   | 50655   | 1.43%  | 0.035% |
| 203 | 11.891 | 11.870 | 11.905 | HH | 2721   | 41943   | 1.19%  | 0.029% |
| 204 | 11.914 | 11.905 | 11.945 | HH | 2164   | 36491   | 1.03%  | 0.025% |
| 205 | 11.970 | 11.945 | 12.004 | HH | 7256   | 108872  | 3.08%  | 0.076% |
| 206 | 12.050 | 12.004 | 12.070 | HH | 3634   | 85642   | 2.42%  | 0.059% |
| 207 | 12.087 | 12.070 | 12.100 | HH | 3207   | 45440   | 1.29%  | 0.032% |
| 208 | 12.139 | 12.100 | 12.173 | HH | 52847  | 888587  | 25.13% | 0.617% |
| 209 | 12.197 | 12.173 | 12.252 | HH | 67459  | 876959  | 24.80% | 0.609% |
| 210 | 12.287 | 12.252 | 12.362 | HH | 99575  | 1234564 | 34.91% | 0.858% |
| 211 | 12.378 | 12.362 | 12.397 | HH | 2505   | 44153   | 1.25%  | 0.031% |
| 212 | 12.414 | 12.397 | 12.477 | HH | 2372   | 85910   | 2.43%  | 0.060% |
| 213 | 12.527 | 12.477 | 12.554 | HH | 4151   | 111091  | 3.14%  | 0.077% |
| 214 | 12.573 | 12.554 | 12.610 | HH | 5134   | 111911  | 3.16%  | 0.078% |
| 215 | 12.631 | 12.610 | 12.651 | HH | 2746   | 53148   | 1.50%  | 0.037% |
| 216 | 12.681 | 12.651 | 12.710 | HH | 4059   | 96503   | 2.73%  | 0.067% |
| 217 | 12.750 | 12.710 | 12.792 | HH | 17015  | 275779  | 7.80%  | 0.192% |
| 218 | 12.812 | 12.792 | 12.842 | HH | 4406   | 82553   | 2.33%  | 0.057% |
| 219 | 12.880 | 12.842 | 12.986 | HH | 37201  | 608784  | 17.22% | 0.423% |
| 220 | 12.993 | 12.986 | 13.017 | HH | 1645   | 28292   | 0.80%  | 0.020% |
| 221 | 13.052 | 13.017 | 13.092 | HH | 13601  | 236311  | 6.68%  | 0.164% |
| 222 | 13.107 | 13.092 | 13.125 | HH | 5491   | 79722   | 2.25%  | 0.055% |
| 223 | 13.137 | 13.125 | 13.160 | HH | 2942   | 47462   | 1.34%  | 0.033% |
| 224 | 13.198 | 13.160 | 13.211 | HH | 2887   | 70963   | 2.01%  | 0.049% |
| 225 | 13.244 | 13.211 | 13.267 | HH | 3024   | 91816   | 2.60%  | 0.064% |
| 226 | 13.304 | 13.267 | 13.333 | HH | 9600   | 222883  | 6.30%  | 0.155% |
| 227 | 13.355 | 13.333 | 13.369 | HH | 15040  | 213353  | 6.03%  | 0.148% |
| 228 | 13.381 | 13.369 | 13.403 | HH | 13273  | 185200  | 5.24%  | 0.129% |
| 229 | 13.422 | 13.403 | 13.465 | HH | 11794  | 213322  | 6.03%  | 0.148% |
| 230 | 13.516 | 13.465 | 13.555 | HH | 22281  | 417062  | 11.79% | 0.290% |
| 231 | 13.574 | 13.555 | 13.604 | HH | 4564   | 100943  | 2.85%  | 0.070% |
| 232 | 13.637 | 13.604 | 13.680 | HH | 6562   | 178624  | 5.05%  | 0.124% |
| 233 | 13.702 | 13.680 | 13.720 | HH | 2695   | 63603   | 1.80%  | 0.044% |
| 234 | 13.750 | 13.720 | 13.778 | HH | 23645  | 354631  | 10.03% | 0.246% |
| 235 | 13.800 | 13.778 | 13.820 | HH | 5578   | 119896  | 3.39%  | 0.083% |
| 236 | 13.832 | 13.820 | 13.862 | HH | 4449   | 96079   | 2.72%  | 0.067% |
| 237 | 13.879 | 13.862 | 13.892 | HH | 5345   | 79612   | 2.25%  | 0.055% |
| 238 | 13.905 | 13.892 | 13.931 | HH | 5044   | 101990  | 2.88%  | 0.071% |
| 239 | 13.951 | 13.931 | 13.992 | HH | 5623   | 149482  | 4.23%  | 0.104% |
| 240 | 14.021 | 13.992 | 14.037 | HH | 6358   | 123149  | 3.48%  | 0.086% |
| 241 | 14.051 | 14.037 | 14.077 | HH | 6450   | 136053  | 3.85%  | 0.095% |
| 242 | 14.100 | 14.077 | 14.115 | HH | 30041  | 402856  | 11.39% | 0.280% |
| 243 | 14.138 | 14.115 | 14.169 | HH | 151197 | 1830054 | 51.76% | 1.271% |
| 244 | 14.178 | 14.169 | 14.212 | HH | 6629   | 129166  | 3.65%  | 0.090% |
| 245 | 14.277 | 14.212 | 14.299 | HH | 152807 | 1977518 | 55.93% | 1.374% |
| 246 | 14.320 | 14.299 | 14.343 | HH | 105015 | 1349002 | 38.15% | 0.937% |

|     |        |        |        |    | rters |         |        |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
| 247 | 14.364 | 14.343 | 14.422 | HH | 62396 | 979954  | 27.71% | 0.681% |
| 248 | 14.450 | 14.422 | 14.497 | HH | 9754  | 331323  | 9.37%  | 0.230% |
| 249 | 14.549 | 14.497 | 14.602 | HH | 14871 | 525530  | 14.86% | 0.365% |
| 250 | 14.621 | 14.602 | 14.640 | HH | 7867  | 157553  | 4.46%  | 0.109% |
| 251 | 14.660 | 14.640 | 14.705 | HH | 9305  | 288301  | 8.15%  | 0.200% |
| 252 | 14.715 | 14.705 | 14.725 | HH | 5134  | 60760   | 1.72%  | 0.042% |
| 253 | 14.779 | 14.725 | 14.815 | HH | 93311 | 1775987 | 50.23% | 1.234% |
| 254 | 14.827 | 14.815 | 14.854 | HH | 7281  | 144491  | 4.09%  | 0.100% |
| 255 | 14.881 | 14.854 | 14.905 | HH | 16034 | 299383  | 8.47%  | 0.208% |
| 256 | 14.931 | 14.905 | 14.954 | HH | 18727 | 349514  | 9.88%  | 0.243% |
| 257 | 14.976 | 14.954 | 14.996 | HH | 22597 | 364148  | 10.30% | 0.253% |
| 258 | 15.015 | 14.996 | 15.069 | HH | 22883 | 490400  | 13.87% | 0.341% |
| 259 | 15.102 | 15.069 | 15.137 | HH | 7712  | 264032  | 7.47%  | 0.183% |
| 260 | 15.160 | 15.137 | 15.169 | HH | 6633  | 120873  | 3.42%  | 0.084% |
| 261 | 15.200 | 15.169 | 15.214 | HH | 7704  | 190988  | 5.40%  | 0.133% |
| 262 | 15.232 | 15.214 | 15.268 | HH | 8694  | 253455  | 7.17%  | 0.176% |
| 263 | 15.302 | 15.268 | 15.330 | HH | 11827 | 325759  | 9.21%  | 0.226% |
| 264 | 15.364 | 15.330 | 15.402 | HH | 78240 | 1254879 | 35.49% | 0.872% |
| 265 | 15.425 | 15.402 | 15.437 | HH | 9765  | 188799  | 5.34%  | 0.131% |
| 266 | 15.456 | 15.437 | 15.482 | HH | 18844 | 331986  | 9.39%  | 0.231% |
| 267 | 15.506 | 15.482 | 15.535 | HH | 13333 | 301119  | 8.52%  | 0.209% |
| 268 | 15.559 | 15.535 | 15.579 | HH | 11325 | 241950  | 6.84%  | 0.168% |
| 269 | 15.600 | 15.579 | 15.632 | HH | 9693  | 269748  | 7.63%  | 0.187% |
| 270 | 15.649 | 15.632 | 15.674 | HH | 7739  | 174410  | 4.93%  | 0.121% |
| 271 | 15.716 | 15.674 | 15.758 | HH | 11236 | 403511  | 11.41% | 0.280% |
| 272 | 15.788 | 15.758 | 15.812 | HH | 22400 | 419277  | 11.86% | 0.291% |
| 273 | 15.822 | 15.812 | 15.852 | HH | 8695  | 191415  | 5.41%  | 0.133% |
| 274 | 15.879 | 15.852 | 15.911 | HH | 10874 | 303222  | 8.58%  | 0.211% |
| 275 | 15.942 | 15.911 | 15.953 | HH | 7929  | 187561  | 5.30%  | 0.130% |
| 276 | 15.967 | 15.953 | 15.985 | HH | 8134  | 144058  | 4.07%  | 0.100% |
| 277 | 16.007 | 15.985 | 16.040 | HH | 9793  | 272163  | 7.70%  | 0.189% |
| 278 | 16.071 | 16.040 | 16.100 | HH | 11657 | 313945  | 8.88%  | 0.218% |
| 279 | 16.145 | 16.100 | 16.198 | HH | 10336 | 544722  | 15.41% | 0.378% |
| 280 | 16.211 | 16.198 | 16.242 | HH | 8652  | 220848  | 6.25%  | 0.153% |
| 281 | 16.255 | 16.242 | 16.265 | HH | 8130  | 111960  | 3.17%  | 0.078% |
| 282 | 16.318 | 16.265 | 16.345 | HH | 11192 | 440706  | 12.46% | 0.306% |
| 283 | 16.377 | 16.345 | 16.414 | HH | 57132 | 1011046 | 28.59% | 0.702% |
| 284 | 16.431 | 16.414 | 16.449 | HH | 11774 | 231831  | 6.56%  | 0.161% |
| 285 | 16.491 | 16.449 | 16.515 | HH | 27378 | 644176  | 18.22% | 0.448% |
| 286 | 16.523 | 16.515 | 16.542 | HH | 11965 | 174458  | 4.93%  | 0.121% |
| 287 | 16.575 | 16.542 | 16.602 | HH | 12007 | 387897  | 10.97% | 0.269% |
| 288 | 16.625 | 16.602 | 16.659 | HH | 11532 | 350399  | 9.91%  | 0.243% |
| 289 | 16.699 | 16.659 | 16.720 | HH | 12679 | 399771  | 11.31% | 0.278% |
| 290 | 16.739 | 16.720 | 16.766 | HH | 13536 | 327190  | 9.25%  | 0.227% |
| 291 | 16.817 | 16.766 | 16.836 | HH | 14719 | 497064  | 14.06% | 0.345% |
| 292 | 16.871 | 16.836 | 16.891 | HH | 17401 | 472864  | 13.37% | 0.329% |
| 293 | 16.906 | 16.891 | 16.934 | HH | 13139 | 319822  | 9.04%  | 0.222% |
| 294 | 16.955 | 16.934 | 16.989 | HH | 15226 | 441947  | 12.50% | 0.307% |
| 295 | 17.034 | 16.989 | 17.062 | HH | 25186 | 751286  | 21.25% | 0.522% |
| 296 | 17.108 | 17.062 | 17.120 | HH | 12229 | 412139  | 11.66% | 0.286% |
| 297 | 17.230 | 17.120 | 17.264 | HH | 15559 | 1150456 | 32.54% | 0.799% |
| 298 | 17.317 | 17.264 | 17.348 | HH | 52582 | 1281083 | 36.23% | 0.890% |
| 299 | 17.365 | 17.348 | 17.377 | HH | 18481 | 302808  | 8.56%  | 0.210% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 17.404 | 17.377 | 17.440 | HH | 59782  | 1208507 | 34.18% | 0.840% |
| 301 | 17.491 | 17.440 | 17.514 | HH | 20367  | 775783  | 21.94% | 0.539% |
| 302 | 17.539 | 17.514 | 17.574 | HH | 17845  | 618506  | 17.49% | 0.430% |
| 303 | 17.593 | 17.574 | 17.610 | HH | 17226  | 365992  | 10.35% | 0.254% |
| 304 | 17.689 | 17.610 | 17.703 | HH | 18304  | 940540  | 26.60% | 0.653% |
| 305 | 17.762 | 17.703 | 17.785 | HH | 23557  | 994947  | 28.14% | 0.691% |
| 306 | 17.840 | 17.785 | 17.895 | HH | 28254  | 1434485 | 40.57% | 0.997% |
| 307 | 17.930 | 17.895 | 17.992 | HH | 37399  | 1290050 | 36.48% | 0.896% |
| 308 | 18.037 | 17.992 | 18.054 | HH | 19413  | 689451  | 19.50% | 0.479% |
| 309 | 18.085 | 18.054 | 18.132 | HH | 26802  | 997427  | 28.21% | 0.693% |
| 310 | 18.195 | 18.132 | 18.222 | HH | 75102  | 2035389 | 57.56% | 1.414% |
| 311 | 18.262 | 18.222 | 18.307 | HH | 63509  | 1940402 | 54.88% | 1.348% |
| 312 | 18.360 | 18.307 | 18.377 | HH | 28002  | 1038692 | 29.38% | 0.722% |
| 313 | 18.401 | 18.377 | 18.455 | HH | 52891  | 1433250 | 40.53% | 0.996% |
| 314 | 18.493 | 18.455 | 18.517 | HH | 26716  | 873881  | 24.71% | 0.607% |
| 315 | 18.563 | 18.517 | 18.590 | HH | 25577  | 1071739 | 30.31% | 0.745% |
| 316 | 18.616 | 18.590 | 18.634 | HH | 28846  | 695450  | 19.67% | 0.483% |
| 317 | 18.665 | 18.634 | 18.727 | HH | 50660  | 1849703 | 52.31% | 1.285% |
| 318 | 18.771 | 18.727 | 18.789 | HH | 49715  | 1325357 | 37.48% | 0.921% |
| 319 | 18.796 | 18.789 | 18.824 | HH | 37280  | 683812  | 19.34% | 0.475% |
| 320 | 18.847 | 18.824 | 18.868 | HH | 30080  | 748660  | 21.17% | 0.520% |
| 321 | 18.889 | 18.868 | 18.915 | HH | 31107  | 833418  | 23.57% | 0.579% |
| 322 | 18.935 | 18.915 | 18.950 | HH | 30207  | 621894  | 17.59% | 0.432% |
| 323 | 18.970 | 18.950 | 18.987 | HH | 33204  | 681698  | 19.28% | 0.474% |
| 324 | 19.033 | 18.987 | 19.068 | HH | 96327  | 3072003 | 86.88% | 2.134% |
| 325 | 19.083 | 19.068 | 19.117 | HH | 54964  | 1279186 | 36.18% | 0.889% |
| 326 | 19.163 | 19.117 | 19.192 | HH | 44394  | 1686834 | 47.71% | 1.172% |
| 327 | 19.216 | 19.192 | 19.275 | HH | 41983  | 1785083 | 50.48% | 1.240% |
| 328 | 19.321 | 19.275 | 19.350 | HH | 41536  | 1600877 | 45.27% | 1.112% |
| 329 | 19.374 | 19.350 | 19.397 | HH | 42064  | 1038911 | 29.38% | 0.722% |
| 330 | 19.409 | 19.397 | 19.424 | HH | 35636  | 581532  | 16.45% | 0.404% |
| 331 | 19.447 | 19.424 | 19.467 | HH | 39499  | 939950  | 26.58% | 0.653% |
| 332 | 19.475 | 19.467 | 19.492 | HH | 34659  | 516949  | 14.62% | 0.359% |
| 333 | 19.528 | 19.492 | 19.547 | HH | 62436  | 1509412 | 42.69% | 1.049% |
| 334 | 19.557 | 19.547 | 19.600 | HH | 44322  | 1210591 | 34.24% | 0.841% |
| 335 | 19.637 | 19.600 | 19.659 | HH | 38910  | 1254491 | 35.48% | 0.872% |
| 336 | 19.680 | 19.659 | 19.693 | HH | 37807  | 737343  | 20.85% | 0.512% |
| 337 | 19.732 | 19.693 | 19.765 | HH | 42482  | 1708978 | 48.33% | 1.187% |
| 338 | 19.818 | 19.765 | 19.881 | HH | 59877  | 3189076 | 90.19% | 2.216% |
| 339 | 19.900 | 19.881 | 19.938 | HH | 38662  | 1290732 | 36.50% | 0.897% |
| 340 | 19.985 | 19.938 | 20.035 | HH | 40771  | 2275859 | 64.36% | 1.581% |
| 341 | 20.061 | 20.035 | 20.076 | HH | 42000  | 989741  | 27.99% | 0.688% |
| 342 | 20.086 | 20.076 | 20.107 | HH | 41023  | 745848  | 21.09% | 0.518% |
| 343 | 20.126 | 20.107 | 20.144 | HH | 41811  | 905357  | 25.60% | 0.629% |
| 344 | 20.152 | 20.144 | 20.160 | HH | 40604  | 393487  | 11.13% | 0.273% |
| 345 | 20.182 | 20.160 | 20.209 | HH | 43502  | 1206607 | 34.12% | 0.838% |
| 346 | 20.225 | 20.209 | 20.248 | HH | 40402  | 945159  | 26.73% | 0.657% |
| 347 | 20.296 | 20.248 | 20.309 | HH | 41874  | 1497977 | 42.36% | 1.041% |
| 348 | 20.357 | 20.309 | 20.392 | HH | 45086  | 2171107 | 61.40% | 1.508% |
| 349 | 20.430 | 20.392 | 20.469 | HH | 45679  | 2031285 | 57.45% | 1.411% |
| 350 | 20.532 | 20.469 | 20.557 | HH | 51409  | 2533840 | 71.66% | 1.760% |
| 351 | 20.582 | 20.557 | 20.595 | HH | 51486  | 1153121 | 32.61% | 0.801% |

|     |        |        |        |     |       | rteres  |         |        |
|-----|--------|--------|--------|-----|-------|---------|---------|--------|
| 352 | 20.621 | 20.595 | 20.629 | HH  | 52143 | 1029174 | 29.11%  | 0.715% |
| 353 | 20.646 | 20.629 | 20.677 | HH  | 53044 | 1496575 | 42.32%  | 1.040% |
| 354 | 20.697 | 20.677 | 20.737 | HH  | 52776 | 1739296 | 49.19%  | 1.208% |
| 355 | 20.757 | 20.737 | 20.815 | HH  | 44496 | 1995669 | 56.44%  | 1.386% |
| 356 | 20.824 | 20.815 | 20.839 | HH  | 41473 | 574865  | 16.26%  | 0.399% |
| 357 | 20.864 | 20.839 | 20.895 | HH  | 43301 | 1423988 | 40.27%  | 0.989% |
| 358 | 20.930 | 20.895 | 20.955 | HH  | 43420 | 1510168 | 42.71%  | 1.049% |
| 359 | 20.998 | 20.955 | 21.041 | HH  | 45606 | 2167283 | 61.29%  | 1.506% |
| 360 | 21.066 | 21.041 | 21.092 | HH  | 40135 | 1200127 | 33.94%  | 0.834% |
| 361 | 21.124 | 21.092 | 21.155 | HH  | 47285 | 1649561 | 46.65%  | 1.146% |
| 362 | 21.235 | 21.155 | 21.290 | HH  | 45846 | 3535964 | 100.00% | 2.456% |
| 363 | 21.367 | 21.290 | 21.383 | HH  | 50391 | 2579638 | 72.95%  | 1.792% |
| 364 | 21.418 | 21.383 | 21.479 | HH  | 58994 | 2992690 | 84.64%  | 2.079% |
| 365 | 21.571 | 21.479 | 21.596 | HH  | 55141 | 3466444 | 98.03%  | 2.408% |
| 366 | 21.628 | 21.596 | 21.674 | HH  | 67506 | 2650916 | 74.97%  | 1.842% |
| 367 | 21.684 | 21.674 | 21.728 | HH  | 47896 | 1521108 | 43.02%  | 1.057% |
| 368 | 21.771 | 21.728 | 21.802 | HH  | 57134 | 2234368 | 63.19%  | 1.552% |
| 369 | 21.833 | 21.802 | 21.856 | HH  | 53798 | 1666805 | 47.14%  | 1.158% |
| 370 | 21.886 | 21.856 | 21.940 | HHA | 55763 | 2644311 | 74.78%  | 1.837% |

Sum of corrected areas: 143943517

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