

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF081320\  
 Data File : FF007363.D  
 Signal(s) : FID2B.ch  
 Acq On : 13 Aug 2020 16:35  
 Sample : L3637-22 20X  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF072820.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         | 2.319       | 2.311        | 2.330      | BH       | 254            | 843          | 0.01%          | 0.001%        |
| 2         | 2.344       | 2.330        | 2.380      | PH       | 560            | 1914         | 0.03%          | 0.001%        |
| 3         | 2.384       | 2.380        | 2.389      | PH       | -134           | -754         | -0.01%         | -0.001%       |
| 4         | 2.465       | 2.389        | 2.494      | PH       | 24             | -5163        | -0.07%         | -0.003%       |
| 5         | 2.528       | 2.494        | 2.571      | PH       | -25            | -3397        | -0.05%         | -0.002%       |
| 6         | 2.585       | 2.571        | 2.602      | PH       | 19             | -803         | -0.01%         | -0.001%       |
| 7         | 2.612       | 2.602        | 2.661      | PH       | 41             | -4651        | -0.06%         | -0.003%       |
| 8         | 2.667       | 2.661        | 2.699      | PH       | -180           | -4948        | -0.07%         | -0.003%       |
| 9         | 2.704       | 2.699        | 2.741      | PH       | -176           | -6014        | -0.08%         | -0.004%       |
| 10        | 2.750       | 2.741        | 2.786      | PH       | -272           | -7754        | -0.11%         | -0.005%       |
| 11        | 2.811       | 2.786        | 2.867      | PH       | 268            | -9244        | -0.13%         | -0.006%       |
| 12        | 2.870       | 2.867        | 2.882      | PH       | -249           | -2563        | -0.03%         | -0.002%       |
| 13        | 2.902       | 2.882        | 2.938      | PH       | 167            | -4313        | -0.06%         | -0.003%       |
| 14        | 2.950       | 2.938        | 2.964      | PH       | -215           | -4513        | -0.06%         | -0.003%       |
| 15        | 2.972       | 2.964        | 2.989      | PH       | -285           | -4737        | -0.06%         | -0.003%       |
| 16        | 2.996       | 2.989        | 3.048      | PH       | -234           | -10433       | -0.14%         | -0.007%       |
| 17        | 3.085       | 3.048        | 3.116      | PH       | -83            | -9717        | -0.13%         | -0.007%       |
| 18        | 3.130       | 3.116        | 3.161      | PH       | 2              | -5313        | -0.07%         | -0.004%       |
| 19        | 3.167       | 3.161        | 3.184      | PH       | -204           | -3168        | -0.04%         | -0.002%       |
| 20        | 3.194       | 3.184        | 3.217      | PH       | -172           | -4114        | -0.06%         | -0.003%       |
| 21        | 3.230       | 3.217        | 3.270      | PH       | -182           | -8097        | -0.11%         | -0.005%       |
| 22        | 3.281       | 3.270        | 3.293      | PH       | -230           | -3264        | -0.04%         | -0.002%       |
| 23        | 3.323       | 3.293        | 3.341      | PH       | -141           | -6542        | -0.09%         | -0.004%       |
| 24        | 3.380       | 3.341        | 3.429      | PH       | -42            | -9524        | -0.13%         | -0.006%       |
| 25        | 3.432       | 3.429        | 3.467      | PH       | -213           | -6137        | -0.08%         | -0.004%       |
| 26        | 3.484       | 3.467        | 3.496      | PH       | -112           | -4264        | -0.06%         | -0.003%       |
| 27        | 3.506       | 3.496        | 3.527      | PH       | -199           | -4525        | -0.06%         | -0.003%       |
| 28        | 3.535       | 3.527        | 3.552      | PH       | -198           | -3867        | -0.05%         | -0.003%       |
| 29        | 3.558       | 3.552        | 3.597      | PH       | -208           | -6296        | -0.09%         | -0.004%       |
| 30        | 3.600       | 3.597        | 3.614      | PH       | -155           | -2481        | -0.03%         | -0.002%       |
| 31        | 3.624       | 3.614        | 3.642      | PH       | -233           | -4467        | -0.06%         | -0.003%       |
| 32        | 3.659       | 3.642        | 3.673      | PH       | -83            | -3114        | -0.04%         | -0.002%       |
| 33        | 3.688       | 3.673        | 3.725      | PH       | -173           | -6901        | -0.09%         | -0.005%       |
| 34        | 3.736       | 3.725        | 3.746      | PH       | -242           | -2937        | -0.04%         | -0.002%       |
| 35        | 3.759       | 3.746        | 3.785      | PH       | -9             | -3227        | -0.04%         | -0.002%       |
| 36        | 3.796       | 3.785        | 3.818      | PH       | -58            | -3469        | -0.05%         | -0.002%       |

|    |       |       |       |    | rteres |       |        |         |
|----|-------|-------|-------|----|--------|-------|--------|---------|
| 37 | 3.833 | 3.818 | 3.846 | PH | -16    | -2736 | -0.04% | -0.002% |
| 38 | 3.856 | 3.846 | 3.867 | PH | -152   | -2724 | -0.04% | -0.002% |
| 39 | 3.883 | 3.867 | 3.919 | PH | 67     | -4633 | -0.06% | -0.003% |
| 40 | 3.931 | 3.919 | 3.949 | PH | 47     | -3143 | -0.04% | -0.002% |
| 41 | 3.974 | 3.949 | 4.031 | PH | -62    | -8180 | -0.11% | -0.006% |
| 42 | 4.055 | 4.031 | 4.079 | PH | 551    | 3851  | 0.05%  | 0.003%  |
| 43 | 4.089 | 4.079 | 4.112 | PH | 38     | -657  | -0.01% | -0.000% |
| 44 | 4.128 | 4.112 | 4.143 | PH | 82     | 769   | 0.01%  | 0.001%  |
| 45 | 4.154 | 4.143 | 4.184 | PH | 98     | -1201 | -0.02% | -0.001% |
| 46 | 4.227 | 4.184 | 4.252 | PH | 1059   | 8492  | 0.12%  | 0.006%  |
| 47 | 4.263 | 4.252 | 4.291 | HH | 198    | 1992  | 0.03%  | 0.001%  |
| 48 | 4.323 | 4.291 | 4.349 | PH | 234    | -391  | -0.01% | -0.000% |
| 49 | 4.378 | 4.349 | 4.393 | PH | 114    | -1112 | -0.02% | -0.001% |
| 50 | 4.417 | 4.393 | 4.428 | PH | 37     | -290  | -0.00% | -0.000% |
| 51 | 4.461 | 4.428 | 4.492 | PH | 826    | 6264  | 0.08%  | 0.004%  |
| 52 | 4.506 | 4.492 | 4.521 | PH | 39     | -778  | -0.01% | -0.001% |
| 53 | 4.534 | 4.521 | 4.561 | PH | 245    | 940   | 0.01%  | 0.001%  |
| 54 | 4.567 | 4.561 | 4.590 | PH | 26     | -1956 | -0.03% | -0.001% |
| 55 | 4.612 | 4.590 | 4.646 | PH | 742    | 5266  | 0.07%  | 0.004%  |
| 56 | 4.664 | 4.646 | 4.674 | HH | 592    | 5081  | 0.07%  | 0.003%  |
| 57 | 4.684 | 4.674 | 4.704 | HH | 462    | 4994  | 0.07%  | 0.003%  |
| 58 | 4.718 | 4.704 | 4.734 | HH | 529    | 4233  | 0.06%  | 0.003%  |
| 59 | 4.749 | 4.734 | 4.762 | PH | 397    | 2792  | 0.04%  | 0.002%  |
| 60 | 4.771 | 4.762 | 4.784 | HH | 45     | 616   | 0.01%  | 0.000%  |
| 61 | 4.799 | 4.784 | 4.825 | PH | 241    | 2759  | 0.04%  | 0.002%  |
| 62 | 4.846 | 4.825 | 4.861 | HH | 561    | 5742  | 0.08%  | 0.004%  |
| 63 | 4.876 | 4.861 | 4.907 | PH | 607    | 4164  | 0.06%  | 0.003%  |
| 64 | 4.912 | 4.907 | 4.925 | PH | -38    | -993  | -0.01% | -0.001% |
| 65 | 4.942 | 4.925 | 4.961 | PH | 501    | 2349  | 0.03%  | 0.002%  |
| 66 | 5.012 | 4.961 | 5.037 | PH | 467    | 1057  | 0.01%  | 0.001%  |
| 67 | 5.051 | 5.037 | 5.087 | PH | 284    | 879   | 0.01%  | 0.001%  |
| 68 | 5.099 | 5.087 | 5.134 | PH | 85     | -950  | -0.01% | -0.001% |
| 69 | 5.156 | 5.134 | 5.173 | PH | 335    | 1691  | 0.02%  | 0.001%  |
| 70 | 5.188 | 5.173 | 5.201 | PH | 521    | 4144  | 0.06%  | 0.003%  |
| 71 | 5.210 | 5.201 | 5.231 | HH | 197    | 1691  | 0.02%  | 0.001%  |
| 72 | 5.236 | 5.231 | 5.250 | PH | 10     | -904  | -0.01% | -0.001% |
| 73 | 5.274 | 5.250 | 5.296 | PH | 163    | -165  | -0.00% | -0.000% |
| 74 | 5.308 | 5.296 | 5.316 | PH | 143    | 1062  | 0.01%  | 0.001%  |
| 75 | 5.327 | 5.316 | 5.351 | HH | 146    | 870   | 0.01%  | 0.001%  |
| 76 | 5.367 | 5.351 | 5.383 | PH | 164    | 480   | 0.01%  | 0.000%  |
| 77 | 5.400 | 5.383 | 5.417 | PH | 419    | 2846  | 0.04%  | 0.002%  |
| 78 | 5.428 | 5.417 | 5.446 | PH | 123    | -98   | -0.00% | -0.000% |
| 79 | 5.454 | 5.446 | 5.481 | PH | 39     | -2277 | -0.03% | -0.002% |
| 80 | 5.507 | 5.481 | 5.521 | PH | 331    | 1795  | 0.02%  | 0.001%  |
| 81 | 5.535 | 5.521 | 5.559 | HH | 470    | 3034  | 0.04%  | 0.002%  |
| 82 | 5.575 | 5.559 | 5.609 | PH | 195    | -1442 | -0.02% | -0.001% |
| 83 | 5.627 | 5.609 | 5.654 | PH | -46    | -3648 | -0.05% | -0.002% |
| 84 | 5.664 | 5.654 | 5.674 | PH | -83    | -1584 | -0.02% | -0.001% |
| 85 | 5.694 | 5.674 | 5.729 | PH | 774    | 4640  | 0.06%  | 0.003%  |
| 86 | 5.743 | 5.729 | 5.756 | PH | 44     | -627  | -0.01% | -0.000% |
| 87 | 5.789 | 5.756 | 5.829 | PH | 400    | 6023  | 0.08%  | 0.004%  |
| 88 | 5.851 | 5.829 | 5.869 | PH | 79     | -825  | -0.01% | -0.001% |
| 89 | 5.881 | 5.869 | 5.889 | PH | -38    | -1141 | -0.02% | -0.001% |

|     |       |       |       |    |        |       |        |         |
|-----|-------|-------|-------|----|--------|-------|--------|---------|
|     |       |       |       |    | rteres |       |        |         |
| 90  | 5.915 | 5.889 | 5.944 | PH | 174    | -1382 | -0.02% | -0.001% |
| 91  | 5.961 | 5.944 | 5.986 | PH | 38     | -2367 | -0.03% | -0.002% |
| 92  | 6.010 | 5.986 | 6.042 | PH | 227    | 2080  | 0.03%  | 0.001%  |
| 93  | 6.062 | 6.042 | 6.086 | PH | 2710   | 24991 | 0.34%  | 0.017%  |
| 94  | 6.109 | 6.086 | 6.124 | HH | 250    | 2545  | 0.03%  | 0.002%  |
| 95  | 6.160 | 6.124 | 6.177 | PH | 133    | 1641  | 0.02%  | 0.001%  |
| 96  | 6.202 | 6.177 | 6.221 | PH | 579    | 6997  | 0.09%  | 0.005%  |
| 97  | 6.238 | 6.221 | 6.266 | PH | 401    | 4613  | 0.06%  | 0.003%  |
| 98  | 6.277 | 6.266 | 6.289 | PH | 161    | 1350  | 0.02%  | 0.001%  |
| 99  | 6.301 | 6.289 | 6.319 | HH | 244    | 2433  | 0.03%  | 0.002%  |
| 100 | 6.332 | 6.319 | 6.349 | HH | 365    | 3772  | 0.05%  | 0.003%  |
| 101 | 6.370 | 6.349 | 6.389 | HH | 397    | 5730  | 0.08%  | 0.004%  |
| 102 | 6.425 | 6.389 | 6.462 | HH | 512    | 13284 | 0.18%  | 0.009%  |
| 103 | 6.488 | 6.462 | 6.549 | HH | 1001   | 16053 | 0.22%  | 0.011%  |
| 104 | 6.579 | 6.549 | 6.599 | PH | 83     | 523   | 0.01%  | 0.000%  |
| 105 | 6.637 | 6.599 | 6.659 | PH | 795    | 8246  | 0.11%  | 0.006%  |
| 106 | 6.685 | 6.659 | 6.734 | PH | 517    | 3603  | 0.05%  | 0.002%  |
| 107 | 6.763 | 6.734 | 6.786 | PH | 190    | 1088  | 0.01%  | 0.001%  |
| 108 | 6.815 | 6.786 | 6.841 | PH | 287    | 2542  | 0.03%  | 0.002%  |
| 109 | 6.894 | 6.841 | 6.924 | PH | 326    | 2394  | 0.03%  | 0.002%  |
| 110 | 6.961 | 6.924 | 6.979 | PH | 145    | -528  | -0.01% | -0.000% |
| 111 | 6.997 | 6.979 | 7.006 | PH | 557    | 4941  | 0.07%  | 0.003%  |
| 112 | 7.014 | 7.006 | 7.035 | HH | 537    | 6277  | 0.09%  | 0.004%  |
| 113 | 7.051 | 7.035 | 7.086 | HH | 359    | 5486  | 0.07%  | 0.004%  |
| 114 | 7.120 | 7.086 | 7.170 | HH | 1610   | 20023 | 0.27%  | 0.013%  |
| 115 | 7.192 | 7.170 | 7.207 | PH | 1060   | 11112 | 0.15%  | 0.007%  |
| 116 | 7.214 | 7.207 | 7.235 | HH | 448    | 4272  | 0.06%  | 0.003%  |
| 117 | 7.256 | 7.235 | 7.276 | PH | 1271   | 13003 | 0.18%  | 0.009%  |
| 118 | 7.296 | 7.276 | 7.329 | PH | 382    | 4468  | 0.06%  | 0.003%  |
| 119 | 7.340 | 7.329 | 7.357 | PH | 130    | -242  | -0.00% | -0.000% |
| 120 | 7.415 | 7.357 | 7.451 | PH | 522    | 12606 | 0.17%  | 0.008%  |
| 121 | 7.463 | 7.451 | 7.488 | PH | 257    | 2238  | 0.03%  | 0.002%  |
| 122 | 7.505 | 7.488 | 7.522 | PH | 144    | 1515  | 0.02%  | 0.001%  |
| 123 | 7.554 | 7.522 | 7.569 | HH | 108    | 1579  | 0.02%  | 0.001%  |
| 124 | 7.589 | 7.569 | 7.626 | HH | 664    | 10006 | 0.14%  | 0.007%  |
| 125 | 7.644 | 7.626 | 7.676 | PH | 139    | 476   | 0.01%  | 0.000%  |
| 126 | 7.711 | 7.676 | 7.725 | PH | 267    | 2943  | 0.04%  | 0.002%  |
| 127 | 7.743 | 7.725 | 7.774 | HH | 505    | 8042  | 0.11%  | 0.005%  |
| 128 | 7.787 | 7.774 | 7.798 | PH | 137    | 1514  | 0.02%  | 0.001%  |
| 129 | 7.806 | 7.798 | 7.822 | HH | 247    | 1817  | 0.02%  | 0.001%  |
| 130 | 7.850 | 7.822 | 7.914 | HH | 897    | 16864 | 0.23%  | 0.011%  |
| 131 | 7.930 | 7.914 | 7.954 | HH | 114    | 1742  | 0.02%  | 0.001%  |
| 132 | 8.030 | 7.954 | 8.086 | HH | 539    | 20721 | 0.28%  | 0.014%  |
| 133 | 8.106 | 8.086 | 8.156 | HH | 1545   | 26455 | 0.36%  | 0.018%  |
| 134 | 8.169 | 8.156 | 8.184 | HH | 448    | 5999  | 0.08%  | 0.004%  |
| 135 | 8.193 | 8.184 | 8.202 | HH | 347    | 3693  | 0.05%  | 0.002%  |
| 136 | 8.219 | 8.202 | 8.234 | HH | 1410   | 16428 | 0.22%  | 0.011%  |
| 137 | 8.249 | 8.234 | 8.262 | HH | 1382   | 16694 | 0.23%  | 0.011%  |
| 138 | 8.284 | 8.262 | 8.322 | HH | 2139   | 40202 | 0.55%  | 0.027%  |
| 139 | 8.348 | 8.322 | 8.368 | HH | 3290   | 40290 | 0.55%  | 0.027%  |
| 140 | 8.376 | 8.368 | 8.384 | HH | 796    | 7147  | 0.10%  | 0.005%  |
| 141 | 8.404 | 8.384 | 8.436 | HH | 3159   | 42115 | 0.57%  | 0.028%  |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 142 | 8.455  | 8.436  | 8.474  | HH | 740    | 9709   | 0.13% | 0.007% |
| 143 | 8.494  | 8.474  | 8.526  | HH | 456    | 8241   | 0.11% | 0.006% |
| 144 | 8.536  | 8.526  | 8.553  | HH | 159    | 2183   | 0.03% | 0.001% |
| 145 | 8.565  | 8.553  | 8.591  | HH | 217    | 1888   | 0.03% | 0.001% |
| 146 | 8.647  | 8.591  | 8.666  | PH | 372    | 5157   | 0.07% | 0.003% |
| 147 | 8.700  | 8.666  | 8.724  | HH | 2567   | 30249  | 0.41% | 0.020% |
| 148 | 8.749  | 8.724  | 8.774  | HH | 814    | 13015  | 0.18% | 0.009% |
| 149 | 8.822  | 8.774  | 8.855  | HH | 1302   | 22786  | 0.31% | 0.015% |
| 150 | 8.861  | 8.855  | 8.884  | HH | 268    | 2295   | 0.03% | 0.002% |
| 151 | 8.940  | 8.884  | 8.956  | HH | 868    | 15130  | 0.21% | 0.010% |
| 152 | 8.973  | 8.956  | 8.991  | HH | 1447   | 18306  | 0.25% | 0.012% |
| 153 | 9.009  | 8.991  | 9.079  | HH | 2190   | 41116  | 0.56% | 0.028% |
| 154 | 9.109  | 9.079  | 9.127  | HH | 1340   | 18768  | 0.25% | 0.013% |
| 155 | 9.147  | 9.127  | 9.193  | HH | 1356   | 21851  | 0.30% | 0.015% |
| 156 | 9.200  | 9.193  | 9.232  | HH | 237    | 2705   | 0.04% | 0.002% |
| 157 | 9.267  | 9.232  | 9.287  | HH | 838    | 10663  | 0.14% | 0.007% |
| 158 | 9.297  | 9.287  | 9.331  | HH | 517    | 6646   | 0.09% | 0.004% |
| 159 | 9.349  | 9.331  | 9.369  | HH | 357    | 4779   | 0.06% | 0.003% |
| 160 | 9.402  | 9.369  | 9.424  | HH | 749    | 12974  | 0.18% | 0.009% |
| 161 | 9.444  | 9.424  | 9.464  | HH | 354    | 4694   | 0.06% | 0.003% |
| 162 | 9.486  | 9.464  | 9.541  | HH | 3966   | 54962  | 0.75% | 0.037% |
| 163 | 9.565  | 9.541  | 9.593  | HH | 973    | 18312  | 0.25% | 0.012% |
| 164 | 9.607  | 9.593  | 9.617  | HH | 650    | 6874   | 0.09% | 0.005% |
| 165 | 9.635  | 9.617  | 9.653  | HH | 1217   | 17458  | 0.24% | 0.012% |
| 166 | 9.664  | 9.653  | 9.681  | HH | 653    | 8404   | 0.11% | 0.006% |
| 167 | 9.720  | 9.681  | 9.783  | HH | 2173   | 41958  | 0.57% | 0.028% |
| 168 | 9.808  | 9.783  | 9.842  | HH | 1047   | 20558  | 0.28% | 0.014% |
| 169 | 9.850  | 9.842  | 9.868  | HH | 457    | 6305   | 0.09% | 0.004% |
| 170 | 9.891  | 9.868  | 9.959  | HH | 1635   | 44510  | 0.60% | 0.030% |
| 171 | 9.971  | 9.959  | 9.986  | HH | 365    | 4469   | 0.06% | 0.003% |
| 172 | 10.002 | 9.986  | 10.028 | HH | 294    | 4929   | 0.07% | 0.003% |
| 173 | 10.068 | 10.028 | 10.096 | PH | 327    | 9224   | 0.13% | 0.006% |
| 174 | 10.103 | 10.096 | 10.111 | HH | 188    | 1571   | 0.02% | 0.001% |
| 175 | 10.118 | 10.111 | 10.154 | HH | 196    | 3639   | 0.05% | 0.002% |
| 176 | 10.171 | 10.154 | 10.178 | HH | 210    | 2366   | 0.03% | 0.002% |
| 177 | 10.193 | 10.178 | 10.215 | HH | 479    | 6934   | 0.09% | 0.005% |
| 178 | 10.233 | 10.215 | 10.247 | HH | 403    | 6414   | 0.09% | 0.004% |
| 179 | 10.281 | 10.247 | 10.300 | HH | 1099   | 19338  | 0.26% | 0.013% |
| 180 | 10.318 | 10.300 | 10.350 | HH | 1130   | 25521  | 0.35% | 0.017% |
| 181 | 10.370 | 10.350 | 10.393 | HH | 1922   | 30528  | 0.41% | 0.021% |
| 182 | 10.412 | 10.393 | 10.449 | HH | 1435   | 26391  | 0.36% | 0.018% |
| 183 | 10.486 | 10.449 | 10.517 | HH | 1477   | 34839  | 0.47% | 0.023% |
| 184 | 10.542 | 10.517 | 10.579 | HH | 2599   | 52389  | 0.71% | 0.035% |
| 185 | 10.585 | 10.579 | 10.605 | HH | 953    | 13502  | 0.18% | 0.009% |
| 186 | 10.629 | 10.605 | 10.645 | HH | 1558   | 27016  | 0.37% | 0.018% |
| 187 | 10.658 | 10.645 | 10.672 | HH | 1266   | 16751  | 0.23% | 0.011% |
| 188 | 10.698 | 10.672 | 10.721 | HH | 2945   | 54643  | 0.74% | 0.037% |
| 189 | 10.729 | 10.721 | 10.756 | HH | 1200   | 20989  | 0.28% | 0.014% |
| 190 | 10.763 | 10.756 | 10.776 | HH | 766    | 8330   | 0.11% | 0.006% |
| 191 | 10.793 | 10.776 | 10.812 | HH | 1029   | 17985  | 0.24% | 0.012% |
| 192 | 10.832 | 10.812 | 10.841 | HH | 788    | 12393  | 0.17% | 0.008% |
| 193 | 10.859 | 10.841 | 10.869 | HH | 1099   | 15158  | 0.21% | 0.010% |
| 194 | 10.893 | 10.869 | 10.937 | HH | 25072  | 291905 | 3.96% | 0.197% |

|     |        |        |        |    |        |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
|     |        |        |        |    | rteres |        |       |        |
| 195 | 10.968 | 10.937 | 11.035 | HH | 7587   | 123918 | 1.68% | 0.084% |
| 196 | 11.051 | 11.035 | 11.086 | HH | 795    | 22822  | 0.31% | 0.015% |
| 197 | 11.107 | 11.086 | 11.126 | HH | 791    | 16875  | 0.23% | 0.011% |
| 198 | 11.140 | 11.126 | 11.162 | HH | 1187   | 19572  | 0.27% | 0.013% |
| 199 | 11.182 | 11.162 | 11.224 | HH | 3159   | 60566  | 0.82% | 0.041% |
| 200 | 11.258 | 11.224 | 11.273 | HH | 1172   | 28491  | 0.39% | 0.019% |
| 201 | 11.301 | 11.273 | 11.312 | HH | 1214   | 25723  | 0.35% | 0.017% |
| 202 | 11.334 | 11.312 | 11.359 | HH | 2233   | 42166  | 0.57% | 0.028% |
| 203 | 11.386 | 11.359 | 11.397 | HH | 1140   | 24506  | 0.33% | 0.017% |
| 204 | 11.423 | 11.397 | 11.462 | HH | 2733   | 62442  | 0.85% | 0.042% |
| 205 | 11.492 | 11.462 | 11.517 | HH | 1426   | 35355  | 0.48% | 0.024% |
| 206 | 11.546 | 11.517 | 11.564 | HH | 1589   | 33568  | 0.46% | 0.023% |
| 207 | 11.583 | 11.564 | 11.616 | HH | 1547   | 37064  | 0.50% | 0.025% |
| 208 | 11.648 | 11.616 | 11.669 | HH | 1377   | 36561  | 0.50% | 0.025% |
| 209 | 11.697 | 11.669 | 11.712 | HH | 4904   | 71856  | 0.98% | 0.048% |
| 210 | 11.729 | 11.712 | 11.764 | HH | 5871   | 89588  | 1.22% | 0.060% |
| 211 | 11.813 | 11.764 | 11.831 | HH | 5740   | 117167 | 1.59% | 0.079% |
| 212 | 11.846 | 11.831 | 11.860 | HH | 3863   | 52247  | 0.71% | 0.035% |
| 213 | 11.877 | 11.860 | 11.907 | HH | 4899   | 77272  | 1.05% | 0.052% |
| 214 | 11.950 | 11.907 | 11.971 | HH | 1627   | 50957  | 0.69% | 0.034% |
| 215 | 12.004 | 11.971 | 12.041 | HH | 2357   | 75196  | 1.02% | 0.051% |
| 216 | 12.059 | 12.041 | 12.091 | HH | 3366   | 66600  | 0.90% | 0.045% |
| 217 | 12.099 | 12.091 | 12.122 | HH | 1834   | 30297  | 0.41% | 0.020% |
| 218 | 12.148 | 12.122 | 12.156 | HH | 3510   | 50910  | 0.69% | 0.034% |
| 219 | 12.167 | 12.156 | 12.191 | HH | 3826   | 57187  | 0.78% | 0.039% |
| 220 | 12.233 | 12.191 | 12.245 | HH | 1903   | 56295  | 0.76% | 0.038% |
| 221 | 12.260 | 12.245 | 12.279 | HH | 4183   | 67057  | 0.91% | 0.045% |
| 222 | 12.296 | 12.279 | 12.333 | HH | 4983   | 107685 | 1.46% | 0.073% |
| 223 | 12.347 | 12.333 | 12.364 | HH | 2056   | 36401  | 0.49% | 0.025% |
| 224 | 12.379 | 12.364 | 12.391 | HH | 2150   | 32742  | 0.44% | 0.022% |
| 225 | 12.418 | 12.391 | 12.436 | HH | 2474   | 59413  | 0.81% | 0.040% |
| 226 | 12.442 | 12.436 | 12.457 | HH | 2367   | 27383  | 0.37% | 0.018% |
| 227 | 12.486 | 12.457 | 12.532 | HH | 3116   | 108182 | 1.47% | 0.073% |
| 228 | 12.554 | 12.532 | 12.572 | HH | 2884   | 57576  | 0.78% | 0.039% |
| 229 | 12.600 | 12.572 | 12.620 | HH | 5425   | 107053 | 1.45% | 0.072% |
| 230 | 12.646 | 12.620 | 12.682 | HH | 4149   | 121509 | 1.65% | 0.082% |
| 231 | 12.717 | 12.682 | 12.762 | HH | 38392  | 515377 | 6.99% | 0.347% |
| 232 | 12.779 | 12.762 | 12.796 | HH | 2227   | 41198  | 0.56% | 0.028% |
| 233 | 12.817 | 12.796 | 12.832 | HH | 2347   | 45363  | 0.62% | 0.031% |
| 234 | 12.854 | 12.832 | 12.887 | HH | 3187   | 89763  | 1.22% | 0.060% |
| 235 | 12.905 | 12.887 | 12.919 | HH | 3399   | 56082  | 0.76% | 0.038% |
| 236 | 12.927 | 12.919 | 12.988 | HH | 2992   | 100429 | 1.36% | 0.068% |
| 237 | 13.017 | 12.988 | 13.036 | HH | 34729  | 425545 | 5.77% | 0.287% |
| 238 | 13.047 | 13.036 | 13.089 | HH | 9626   | 182986 | 2.48% | 0.123% |
| 239 | 13.104 | 13.089 | 13.172 | HH | 5490   | 155413 | 2.11% | 0.105% |
| 240 | 13.192 | 13.172 | 13.203 | HH | 3560   | 54501  | 0.74% | 0.037% |
| 241 | 13.217 | 13.203 | 13.237 | HH | 3691   | 65123  | 0.88% | 0.044% |
| 242 | 13.285 | 13.237 | 13.332 | HH | 4273   | 177245 | 2.41% | 0.119% |
| 243 | 13.357 | 13.332 | 13.386 | HH | 3421   | 92551  | 1.26% | 0.062% |
| 244 | 13.415 | 13.386 | 13.454 | HH | 3630   | 123365 | 1.67% | 0.083% |
| 245 | 13.477 | 13.454 | 13.504 | HH | 5604   | 120396 | 1.63% | 0.081% |
| 246 | 13.536 | 13.504 | 13.557 | HH | 3177   | 92412  | 1.25% | 0.062% |

| rteres |        |        |        |    |       |        |       |        |
|--------|--------|--------|--------|----|-------|--------|-------|--------|
| 247    | 13.607 | 13.557 | 13.639 | HH | 9345  | 237335 | 3.22% | 0.160% |
| 248    | 13.673 | 13.639 | 13.689 | HH | 3662  | 96556  | 1.31% | 0.065% |
| 249    | 13.717 | 13.689 | 13.739 | HH | 12097 | 201095 | 2.73% | 0.136% |
| 250    | 13.756 | 13.739 | 13.781 | HH | 6321  | 115191 | 1.56% | 0.078% |
| 251    | 13.798 | 13.781 | 13.821 | HH | 3783  | 83424  | 1.13% | 0.056% |
| 252    | 13.850 | 13.821 | 13.869 | HH | 5342  | 129538 | 1.76% | 0.087% |
| 253    | 13.886 | 13.869 | 13.907 | HH | 6317  | 117667 | 1.60% | 0.079% |
| 254    | 13.927 | 13.907 | 13.965 | HH | 5799  | 145780 | 1.98% | 0.098% |
| 255    | 14.004 | 13.965 | 14.027 | HH | 3631  | 125414 | 1.70% | 0.085% |
| 256    | 14.073 | 14.027 | 14.099 | HH | 3695  | 150283 | 2.04% | 0.101% |
| 257    | 14.107 | 14.099 | 14.124 | HH | 3531  | 51229  | 0.70% | 0.035% |
| 258    | 14.145 | 14.124 | 14.165 | HH | 3844  | 87596  | 1.19% | 0.059% |
| 259    | 14.190 | 14.165 | 14.208 | HH | 3577  | 90778  | 1.23% | 0.061% |
| 260    | 14.218 | 14.208 | 14.229 | HH | 3593  | 44045  | 0.60% | 0.030% |
| 261    | 14.248 | 14.229 | 14.264 | HH | 3823  | 76899  | 1.04% | 0.052% |
| 262    | 14.317 | 14.264 | 14.330 | HH | 5186  | 174635 | 2.37% | 0.118% |
| 263    | 14.346 | 14.330 | 14.392 | HH | 6443  | 177331 | 2.41% | 0.120% |
| 264    | 14.415 | 14.392 | 14.434 | HH | 5149  | 114581 | 1.55% | 0.077% |
| 265    | 14.452 | 14.434 | 14.494 | HH | 4937  | 161007 | 2.18% | 0.109% |
| 266    | 14.525 | 14.494 | 14.544 | HH | 6720  | 162376 | 2.20% | 0.109% |
| 267    | 14.552 | 14.544 | 14.566 | HH | 4954  | 61417  | 0.83% | 0.041% |
| 268    | 14.588 | 14.566 | 14.612 | HH | 9268  | 183637 | 2.49% | 0.124% |
| 269    | 14.649 | 14.612 | 14.686 | HH | 6959  | 233970 | 3.17% | 0.158% |
| 270    | 14.710 | 14.686 | 14.726 | HH | 5000  | 109216 | 1.48% | 0.074% |
| 271    | 14.751 | 14.726 | 14.826 | HH | 11858 | 375626 | 5.10% | 0.253% |
| 272    | 14.854 | 14.826 | 14.868 | HH | 5606  | 125275 | 1.70% | 0.084% |
| 273    | 14.900 | 14.868 | 14.921 | HH | 23033 | 377350 | 5.12% | 0.254% |
| 274    | 14.942 | 14.921 | 14.977 | HH | 23824 | 396292 | 5.38% | 0.267% |
| 275    | 14.993 | 14.977 | 15.012 | HH | 5304  | 106903 | 1.45% | 0.072% |
| 276    | 15.063 | 15.012 | 15.084 | HH | 7940  | 260863 | 3.54% | 0.176% |
| 277    | 15.094 | 15.084 | 15.111 | HH | 6143  | 96481  | 1.31% | 0.065% |
| 278    | 15.131 | 15.111 | 15.174 | HH | 6515  | 217154 | 2.95% | 0.146% |
| 279    | 15.205 | 15.174 | 15.229 | HH | 6802  | 194076 | 2.63% | 0.131% |
| 280    | 15.250 | 15.229 | 15.306 | HH | 6483  | 264337 | 3.59% | 0.178% |
| 281    | 15.344 | 15.306 | 15.412 | HH | 10089 | 432097 | 5.86% | 0.291% |
| 282    | 15.421 | 15.412 | 15.441 | HH | 5624  | 97464  | 1.32% | 0.066% |
| 283    | 15.495 | 15.441 | 15.518 | HH | 9891  | 329660 | 4.47% | 0.222% |
| 284    | 15.535 | 15.518 | 15.546 | HH | 6765  | 108251 | 1.47% | 0.073% |
| 285    | 15.576 | 15.546 | 15.595 | HH | 10240 | 242939 | 3.30% | 0.164% |
| 286    | 15.613 | 15.595 | 15.646 | HH | 8781  | 221687 | 3.01% | 0.149% |
| 287    | 15.661 | 15.646 | 15.679 | HH | 6734  | 129061 | 1.75% | 0.087% |
| 288    | 15.739 | 15.679 | 15.776 | HH | 8975  | 430937 | 5.85% | 0.290% |
| 289    | 15.815 | 15.776 | 15.834 | HH | 7557  | 240124 | 3.26% | 0.162% |
| 290    | 15.854 | 15.834 | 15.876 | HH | 7036  | 170690 | 2.32% | 0.115% |
| 291    | 15.900 | 15.876 | 15.919 | HH | 7389  | 182815 | 2.48% | 0.123% |
| 292    | 15.939 | 15.919 | 15.959 | HH | 7832  | 176845 | 2.40% | 0.119% |
| 293    | 15.981 | 15.959 | 16.034 | HH | 8640  | 347793 | 4.72% | 0.234% |
| 294    | 16.040 | 16.034 | 16.066 | HH | 7189  | 135333 | 1.84% | 0.091% |
| 295    | 16.088 | 16.066 | 16.097 | HH | 7244  | 134992 | 1.83% | 0.091% |
| 296    | 16.184 | 16.097 | 16.227 | HH | 8625  | 602413 | 8.17% | 0.406% |
| 297    | 16.253 | 16.227 | 16.266 | HH | 8499  | 187742 | 2.55% | 0.127% |
| 298    | 16.283 | 16.266 | 16.316 | HH | 8858  | 254433 | 3.45% | 0.171% |
| 299    | 16.373 | 16.316 | 16.421 | HH | 9671  | 564224 | 7.66% | 0.380% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 16.466 | 16.421 | 16.527 | HH | 29051  | 920607  | 12.49% | 0.620% |
| 301 | 16.597 | 16.527 | 16.621 | HH | 13001  | 560878  | 7.61%  | 0.378% |
| 302 | 16.631 | 16.621 | 16.669 | HH | 10183  | 287728  | 3.90%  | 0.194% |
| 303 | 16.688 | 16.669 | 16.699 | HH | 9955   | 178210  | 2.42%  | 0.120% |
| 304 | 16.721 | 16.699 | 16.732 | HH | 10235  | 201525  | 2.73%  | 0.136% |
| 305 | 16.788 | 16.732 | 16.819 | HH | 21724  | 714036  | 9.69%  | 0.481% |
| 306 | 16.846 | 16.819 | 16.884 | HH | 24903  | 587085  | 7.97%  | 0.396% |
| 307 | 16.945 | 16.884 | 16.982 | HH | 15449  | 744981  | 10.11% | 0.502% |
| 308 | 16.999 | 16.982 | 17.027 | HH | 12671  | 328751  | 4.46%  | 0.222% |
| 309 | 17.089 | 17.027 | 17.099 | HH | 13023  | 528374  | 7.17%  | 0.356% |
| 310 | 17.108 | 17.099 | 17.129 | HH | 12865  | 226711  | 3.08%  | 0.153% |
| 311 | 17.151 | 17.129 | 17.169 | HH | 12969  | 304687  | 4.13%  | 0.205% |
| 312 | 17.211 | 17.169 | 17.240 | HH | 14276  | 579915  | 7.87%  | 0.391% |
| 313 | 17.257 | 17.240 | 17.287 | HH | 14113  | 387004  | 5.25%  | 0.261% |
| 314 | 17.382 | 17.287 | 17.409 | HH | 17546  | 1080926 | 14.67% | 0.728% |
| 315 | 17.432 | 17.409 | 17.448 | HH | 15089  | 339912  | 4.61%  | 0.229% |
| 316 | 17.465 | 17.448 | 17.487 | HH | 15140  | 342594  | 4.65%  | 0.231% |
| 317 | 17.511 | 17.487 | 17.534 | HH | 16502  | 432992  | 5.88%  | 0.292% |
| 318 | 17.562 | 17.534 | 17.584 | HH | 15374  | 450574  | 6.11%  | 0.304% |
| 319 | 17.602 | 17.584 | 17.615 | HH | 15231  | 278901  | 3.78%  | 0.188% |
| 320 | 17.693 | 17.615 | 17.704 | HH | 15678  | 822537  | 11.16% | 0.554% |
| 321 | 17.825 | 17.704 | 17.862 | HH | 22116  | 1675179 | 22.73% | 1.129% |
| 322 | 17.879 | 17.862 | 17.886 | HH | 17468  | 242247  | 3.29%  | 0.163% |
| 323 | 17.913 | 17.886 | 17.927 | HH | 18292  | 442229  | 6.00%  | 0.298% |
| 324 | 17.952 | 17.927 | 17.960 | HH | 19026  | 370908  | 5.03%  | 0.250% |
| 325 | 17.984 | 17.960 | 18.049 | HH | 22770  | 1085276 | 14.73% | 0.731% |
| 326 | 18.070 | 18.049 | 18.101 | HH | 19791  | 603983  | 8.20%  | 0.407% |
| 327 | 18.131 | 18.101 | 18.146 | HH | 22483  | 563326  | 7.64%  | 0.380% |
| 328 | 18.157 | 18.146 | 18.170 | HH | 21421  | 313708  | 4.26%  | 0.211% |
| 329 | 18.222 | 18.170 | 18.237 | HH | 30227  | 986368  | 13.38% | 0.665% |
| 330 | 18.246 | 18.237 | 18.289 | HH | 26422  | 728375  | 9.88%  | 0.491% |
| 331 | 18.307 | 18.289 | 18.325 | HH | 22198  | 467092  | 6.34%  | 0.315% |
| 332 | 18.351 | 18.325 | 18.371 | HH | 27451  | 671653  | 9.11%  | 0.453% |
| 333 | 18.386 | 18.371 | 18.409 | HH | 24985  | 545811  | 7.41%  | 0.368% |
| 334 | 18.422 | 18.409 | 18.440 | HH | 22860  | 415128  | 5.63%  | 0.280% |
| 335 | 18.477 | 18.440 | 18.502 | HH | 31838  | 970812  | 13.17% | 0.654% |
| 336 | 18.562 | 18.502 | 18.576 | HH | 25166  | 1066197 | 14.47% | 0.719% |
| 337 | 18.611 | 18.576 | 18.632 | HH | 26898  | 874469  | 11.87% | 0.589% |
| 338 | 18.658 | 18.632 | 18.694 | HH | 30377  | 1019720 | 13.84% | 0.687% |
| 339 | 18.708 | 18.694 | 18.724 | HH | 26339  | 470819  | 6.39%  | 0.317% |
| 340 | 18.731 | 18.724 | 18.739 | HH | 26500  | 233472  | 3.17%  | 0.157% |
| 341 | 18.774 | 18.739 | 18.806 | HH | 29075  | 1121766 | 15.22% | 0.756% |
| 342 | 18.825 | 18.806 | 18.857 | HH | 29772  | 892216  | 12.11% | 0.601% |
| 343 | 18.878 | 18.857 | 18.887 | HH | 28811  | 506229  | 6.87%  | 0.341% |
| 344 | 18.917 | 18.887 | 18.932 | HH | 30267  | 800163  | 10.86% | 0.539% |
| 345 | 18.951 | 18.932 | 18.969 | HH | 31087  | 683693  | 9.28%  | 0.461% |
| 346 | 19.031 | 18.969 | 19.044 | HH | 34111  | 1452954 | 19.72% | 0.979% |
| 347 | 19.059 | 19.044 | 19.081 | HH | 35483  | 769972  | 10.45% | 0.519% |
| 348 | 19.098 | 19.081 | 19.124 | HH | 34601  | 864696  | 11.73% | 0.583% |
| 349 | 19.201 | 19.124 | 19.229 | HH | 36923  | 2194243 | 29.77% | 1.479% |
| 350 | 19.237 | 19.229 | 19.251 | HH | 34830  | 454267  | 6.16%  | 0.306% |
| 351 | 19.271 | 19.251 | 19.279 | HH | 34769  | 584277  | 7.93%  | 0.394% |

|     |        |        |        |     |                         |         |         |        |           |
|-----|--------|--------|--------|-----|-------------------------|---------|---------|--------|-----------|
|     |        |        |        |     |                         | rters   |         |        |           |
| 352 | 19.326 | 19.279 | 19.342 | HH  | 36214                   | 1348853 | 18.30%  | 0.909% |           |
| 353 | 19.360 | 19.342 | 19.370 | HH  | 36435                   | 596740  | 8.10%   | 0.402% |           |
| 354 | 19.446 | 19.370 | 19.470 | HH  | 40557                   | 2262897 | 30.71%  | 1.525% |           |
| 355 | 19.490 | 19.470 | 19.504 | HH  | 40031                   | 805877  | 10.94%  | 0.543% |           |
| 356 | 19.512 | 19.504 | 19.524 | HH  | 39703                   | 473114  | 6.42%   | 0.319% |           |
| 357 | 19.574 | 19.524 | 19.600 | HH  | 41795                   | 1846892 | 25.06%  | 1.245% |           |
| 358 | 19.639 | 19.600 | 19.661 | HH  | 45505                   | 1573972 | 21.36%  | 1.061% |           |
| 359 | 19.717 | 19.661 | 19.779 | HH  | 47386                   | 3240708 | 43.97%  | 2.184% |           |
| 360 | 19.822 | 19.779 | 19.854 | HH  | 49037                   | 2137101 | 29.00%  | 1.440% |           |
| 361 | 20.018 | 19.854 | 20.044 | HH  | 54745                   | 5718806 | 77.60%  | 3.854% |           |
| 362 | 20.109 | 20.044 | 20.122 | HH  | 55062                   | 2508581 | 34.04%  | 1.691% |           |
| 363 | 20.132 | 20.122 | 20.144 | HH  | 54712                   | 733957  | 9.96%   | 0.495% |           |
| 364 | 20.193 | 20.144 | 20.203 | HH  | 57734                   | 1995683 | 27.08%  | 1.345% |           |
| 365 | 20.223 | 20.203 | 20.252 | HH  | 59317                   | 1711777 | 23.23%  | 1.154% |           |
| 366 | 20.442 | 20.252 | 20.456 | HH  | 63815                   | 7369590 | 100.00% | 4.966% |           |
| 367 | 20.462 | 20.456 | 20.484 | HH  | 63900                   | 1091704 | 14.81%  | 0.736% |           |
| 368 | 20.557 | 20.484 | 20.589 | HH  | 65967                   | 4061562 | 55.11%  | 2.737% |           |
| 369 | 20.719 | 20.589 | 20.754 | HH  | 69405                   | 6610688 | 89.70%  | 4.455% |           |
| 370 | 20.813 | 20.754 | 20.823 | HH  | 67391                   | 2779475 | 37.72%  | 1.873% |           |
| 371 | 20.833 | 20.823 | 20.844 | HH  | 67371                   | 835447  | 11.34%  | 0.563% |           |
| 372 | 20.888 | 20.844 | 20.909 | HH  | 68378                   | 2637228 | 35.79%  | 1.777% |           |
| 373 | 20.922 | 20.909 | 20.931 | HH  | 68402                   | 911365  | 12.37%  | 0.614% |           |
| 374 | 20.950 | 20.931 | 20.981 | HH  | 69072                   | 2033790 | 27.60%  | 1.371% |           |
| 375 | 20.988 | 20.981 | 20.997 | HH  | 67907                   | 677840  | 9.20%   | 0.457% |           |
| 376 | 21.061 | 20.997 | 21.069 | HH  | 68599                   | 2925064 | 39.69%  | 1.971% |           |
| 377 | 21.087 | 21.069 | 21.141 | HH  | 68525                   | 2927877 | 39.73%  | 1.973% |           |
| 378 | 21.156 | 21.141 | 21.232 | HH  | 67990                   | 3692008 | 50.10%  | 2.488% |           |
| 379 | 21.278 | 21.232 | 21.342 | HH  | 69319                   | 4434966 | 60.18%  | 2.989% |           |
| 380 | 21.355 | 21.342 | 21.364 | HH  | 65640                   | 852367  | 11.57%  | 0.574% |           |
| 381 | 21.371 | 21.364 | 21.386 | HH  | 65842                   | 862025  | 11.70%  | 0.581% |           |
| 382 | 21.404 | 21.386 | 21.429 | HH  | 66072                   | 1704001 | 23.12%  | 1.148% |           |
| 383 | 21.454 | 21.429 | 21.469 | HH  | 66367                   | 1583218 | 21.48%  | 1.067% |           |
| 384 | 21.488 | 21.469 | 21.519 | HH  | 65807                   | 1972443 | 26.76%  | 1.329% |           |
| 385 | 21.542 | 21.519 | 21.561 | HH  | 65746                   | 1658815 | 22.51%  | 1.118% |           |
| 386 | 21.571 | 21.561 | 21.590 | HH  | 65388                   | 1133874 | 15.39%  | 0.764% |           |
| 387 | 21.613 | 21.590 | 21.646 | HH  | 65154                   | 2159587 | 29.30%  | 1.455% |           |
| 388 | 21.664 | 21.646 | 21.698 | HH  | 64794                   | 2007815 | 27.24%  | 1.353% |           |
| 389 | 21.709 | 21.698 | 21.744 | HH  | 64539                   | 1793585 | 24.34%  | 1.209% |           |
| 390 | 21.773 | 21.744 | 21.799 | HH  | 64635                   | 2125253 | 28.84%  | 1.432% |           |
| 391 | 21.843 | 21.799 | 21.869 | HH  | 64895                   | 2711972 | 36.80%  | 1.828% |           |
| 392 | 21.926 | 21.869 | 22.051 | HHA | 66572                   | 7039077 | 95.52%  | 4.744% |           |
|     |        |        |        |     | Sum of corrected areas: |         |         |        | 148390437 |

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