

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF071819\  
 Data File : FF005095.D  
 Signal(s) : FID2B.ch  
 Acq On : 18 Jul 2019 13:47  
 Sample : K3615-03 10X  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF062619.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         | 4.388       | 4.362        | 4.412      | PH       | 1638           | 16589        | 1.21%          | 0.056%        |
| 2         | 4.431       | 4.412        | 4.444      | PH       | 589            | 5376         | 0.39%          | 0.018%        |
| 3         | 4.457       | 4.444        | 4.479      | PH       | 221            | 2375         | 0.17%          | 0.008%        |
| 4         | 4.485       | 4.479        | 4.500      | PH       | 99             | 718          | 0.05%          | 0.002%        |
| 5         | 4.512       | 4.500        | 4.522      | HH       | 320            | 2258         | 0.17%          | 0.008%        |
| 6         | 4.538       | 4.522        | 4.570      | HH       | 728            | 8303         | 0.61%          | 0.028%        |
| 7         | 4.607       | 4.570        | 4.628      | PH       | 854            | 12138        | 0.89%          | 0.041%        |
| 8         | 4.642       | 4.628        | 4.659      | HH       | 581            | 4468         | 0.33%          | 0.015%        |
| 9         | 4.672       | 4.659        | 4.689      | PH       | 215            | 704          | 0.05%          | 0.002%        |
| 10        | 4.694       | 4.689        | 4.711      | PH       | 90             | -158         | -0.01%         | -0.001%       |
| 11        | 4.721       | 4.711        | 4.739      | PH       | 48             | -1036        | -0.08%         | -0.004%       |
| 12        | 4.742       | 4.739        | 4.750      | PH       | -48            | -604         | -0.04%         | -0.002%       |
| 13        | 4.764       | 4.750        | 4.778      | PH       | 135            | -534         | -0.04%         | -0.002%       |
| 14        | 4.798       | 4.778        | 4.825      | PH       | 299            | -412         | -0.03%         | -0.001%       |
| 15        | 4.863       | 4.825        | 4.893      | PH       | 270            | -4892        | -0.36%         | -0.017%       |
| 16        | 4.912       | 4.893        | 4.937      | PH       | -149           | -7814        | -0.57%         | -0.026%       |
| 17        | 4.950       | 4.937        | 4.979      | PH       | -168           | -7807        | -0.57%         | -0.026%       |
| 18        | 5.001       | 4.979        | 5.011      | PH       | -131           | -4318        | -0.32%         | -0.015%       |
| 19        | 5.032       | 5.011        | 5.055      | PH       | 160            | -2667        | -0.20%         | -0.009%       |
| 20        | 5.070       | 5.055        | 5.097      | PH       | 47             | -3556        | -0.26%         | -0.012%       |
| 21        | 5.109       | 5.097        | 5.120      | PH       | 272            | 399          | 0.03%          | 0.001%        |
| 22        | 5.130       | 5.120        | 5.150      | PH       | 248            | 248          | 0.02%          | 0.001%        |
| 23        | 5.156       | 5.150        | 5.176      | PH       | -88            | -4124        | -0.30%         | -0.014%       |
| 24        | 5.198       | 5.176        | 5.210      | PH       | -177           | -5917        | -0.43%         | -0.020%       |
| 25        | 5.228       | 5.210        | 5.237      | PH       | 90             | -1820        | -0.13%         | -0.006%       |
| 26        | 5.248       | 5.237        | 5.274      | PH       | -21            | -3252        | -0.24%         | -0.011%       |
| 27        | 5.294       | 5.274        | 5.304      | PH       | -68            | -2958        | -0.22%         | -0.010%       |
| 28        | 5.320       | 5.304        | 5.335      | PH       | 423            | 779          | 0.06%          | 0.003%        |
| 29        | 5.349       | 5.335        | 5.354      | PH       | -164           | -2652        | -0.19%         | -0.009%       |
| 30        | 5.379       | 5.354        | 5.404      | PH       | 330            | -3665        | -0.27%         | -0.012%       |
| 31        | 5.429       | 5.404        | 5.443      | PH       | 1440           | 10163        | 0.74%          | 0.034%        |
| 32        | 5.454       | 5.443        | 5.473      | HH       | 522            | 3954         | 0.29%          | 0.013%        |
| 33        | 5.485       | 5.473        | 5.535      | PH       | 214            | -6364        | -0.47%         | -0.022%       |
| 34        | 5.548       | 5.535        | 5.569      | PH       | -326           | -7762        | -0.57%         | -0.026%       |
| 35        | 5.575       | 5.569        | 5.591      | PH       | -303           | -5620        | -0.41%         | -0.019%       |
| 36        | 5.612       | 5.591        | 5.635      | PH       | 637            | -436         | -0.03%         | -0.001%       |

|    |       |       |       |    | rteres |        |        |         |
|----|-------|-------|-------|----|--------|--------|--------|---------|
| 37 | 5.657 | 5.635 | 5.672 | PH | 24     | -4863  | -0.36% | -0.016% |
| 38 | 5.713 | 5.672 | 5.719 | PH | 115    | -3822  | -0.28% | -0.013% |
| 39 | 5.728 | 5.719 | 5.751 | HH | 133    | -1236  | -0.09% | -0.004% |
| 40 | 5.769 | 5.751 | 5.784 | PH | -167   | -5377  | -0.39% | -0.018% |
| 41 | 5.799 | 5.784 | 5.810 | PH | -239   | -5308  | -0.39% | -0.018% |
| 42 | 5.840 | 5.810 | 5.863 | PH | -145   | -10541 | -0.77% | -0.036% |
| 43 | 5.884 | 5.863 | 5.907 | PH | -89    | -8969  | -0.66% | -0.030% |
| 44 | 5.933 | 5.907 | 5.957 | PH | 133    | -2251  | -0.16% | -0.008% |
| 45 | 5.980 | 5.957 | 6.007 | PH | 1615   | 16264  | 1.19%  | 0.055%  |
| 46 | 6.025 | 6.007 | 6.047 | PH | 367    | 1252   | 0.09%  | 0.004%  |
| 47 | 6.073 | 6.047 | 6.098 | PH | 238    | 216    | 0.02%  | 0.001%  |
| 48 | 6.111 | 6.098 | 6.116 | PH | 297    | 1124   | 0.08%  | 0.004%  |
| 49 | 6.126 | 6.116 | 6.144 | HH | 364    | 3530   | 0.26%  | 0.012%  |
| 50 | 6.168 | 6.144 | 6.182 | HH | 262    | 3311   | 0.24%  | 0.011%  |
| 51 | 6.217 | 6.182 | 6.236 | PH | 250    | 2034   | 0.15%  | 0.007%  |
| 52 | 6.256 | 6.236 | 6.270 | PH | 305    | 3336   | 0.24%  | 0.011%  |
| 53 | 6.292 | 6.270 | 6.306 | HH | 708    | 7169   | 0.52%  | 0.024%  |
| 54 | 6.341 | 6.306 | 6.355 | HH | 697    | 13902  | 1.02%  | 0.047%  |
| 55 | 6.367 | 6.355 | 6.382 | HH | 922    | 11407  | 0.84%  | 0.039%  |
| 56 | 6.387 | 6.382 | 6.391 | HH | 497    | 2528   | 0.19%  | 0.009%  |
| 57 | 6.411 | 6.391 | 6.441 | HH | 1472   | 25039  | 1.83%  | 0.085%  |
| 58 | 6.445 | 6.441 | 6.463 | HH | 453    | 3856   | 0.28%  | 0.013%  |
| 59 | 6.468 | 6.463 | 6.475 | HH | 232    | 1149   | 0.08%  | 0.004%  |
| 60 | 6.480 | 6.475 | 6.487 | HH | 225    | 958    | 0.07%  | 0.003%  |
| 61 | 6.502 | 6.487 | 6.530 | HH | 325    | 5567   | 0.41%  | 0.019%  |
| 62 | 6.559 | 6.530 | 6.577 | HH | 912    | 14494  | 1.06%  | 0.049%  |
| 63 | 6.601 | 6.577 | 6.623 | HH | 1187   | 16642  | 1.22%  | 0.056%  |
| 64 | 6.680 | 6.623 | 6.704 | PH | 857    | 16755  | 1.23%  | 0.057%  |
| 65 | 6.745 | 6.704 | 6.759 | HH | 672    | 14512  | 1.06%  | 0.049%  |
| 66 | 6.769 | 6.759 | 6.785 | HH | 512    | 5828   | 0.43%  | 0.020%  |
| 67 | 6.811 | 6.785 | 6.850 | HH | 881    | 18828  | 1.38%  | 0.064%  |
| 68 | 6.878 | 6.850 | 6.893 | HH | 941    | 17054  | 1.25%  | 0.058%  |
| 69 | 6.909 | 6.893 | 6.922 | HH | 1460   | 19138  | 1.40%  | 0.065%  |
| 70 | 6.935 | 6.922 | 6.952 | HH | 1268   | 17385  | 1.27%  | 0.059%  |
| 71 | 6.972 | 6.952 | 6.994 | HH | 1401   | 23176  | 1.70%  | 0.078%  |
| 72 | 7.023 | 6.994 | 7.029 | HH | 1145   | 18072  | 1.32%  | 0.061%  |
| 73 | 7.037 | 7.029 | 7.054 | HH | 1197   | 15731  | 1.15%  | 0.053%  |
| 74 | 7.067 | 7.054 | 7.094 | HH | 1134   | 20002  | 1.46%  | 0.068%  |
| 75 | 7.113 | 7.094 | 7.123 | HH | 1786   | 22722  | 1.66%  | 0.077%  |
| 76 | 7.129 | 7.123 | 7.152 | HH | 1583   | 21434  | 1.57%  | 0.073%  |
| 77 | 7.168 | 7.152 | 7.184 | HH | 1315   | 18844  | 1.38%  | 0.064%  |
| 78 | 7.214 | 7.184 | 7.229 | HH | 1509   | 29501  | 2.16%  | 0.100%  |
| 79 | 7.235 | 7.229 | 7.247 | HH | 985    | 10282  | 0.75%  | 0.035%  |
| 80 | 7.260 | 7.247 | 7.274 | HH | 973    | 13940  | 1.02%  | 0.047%  |
| 81 | 7.298 | 7.274 | 7.308 | HH | 1388   | 22965  | 1.68%  | 0.078%  |
| 82 | 7.335 | 7.308 | 7.365 | HH | 2442   | 56057  | 4.10%  | 0.190%  |
| 83 | 7.379 | 7.365 | 7.402 | HH | 1335   | 26139  | 1.91%  | 0.088%  |
| 84 | 7.422 | 7.402 | 7.443 | HH | 1314   | 28266  | 2.07%  | 0.096%  |
| 85 | 7.466 | 7.443 | 7.482 | HH | 1413   | 30188  | 2.21%  | 0.102%  |
| 86 | 7.514 | 7.482 | 7.543 | HH | 2638   | 64841  | 4.75%  | 0.219%  |
| 87 | 7.561 | 7.543 | 7.579 | HH | 1417   | 25114  | 1.84%  | 0.085%  |
| 88 | 7.625 | 7.579 | 7.647 | HH | 2240   | 69706  | 5.10%  | 0.236%  |
| 89 | 7.667 | 7.647 | 7.692 | HH | 1701   | 40583  | 2.97%  | 0.137%  |

|     |       |       |       |    |        |        |        |        |
|-----|-------|-------|-------|----|--------|--------|--------|--------|
|     |       |       |       |    | rteres |        |        |        |
| 90  | 7.716 | 7.692 | 7.735 | HH | 1873   | 41156  | 3.01%  | 0.139% |
| 91  | 7.766 | 7.735 | 7.781 | HH | 2488   | 54518  | 3.99%  | 0.185% |
| 92  | 7.785 | 7.781 | 7.833 | HH | 2255   | 59674  | 4.37%  | 0.202% |
| 93  | 7.850 | 7.833 | 7.877 | HH | 1860   | 43399  | 3.18%  | 0.147% |
| 94  | 7.902 | 7.877 | 7.920 | HH | 2533   | 54293  | 3.97%  | 0.184% |
| 95  | 7.942 | 7.920 | 7.964 | HH | 2656   | 58540  | 4.29%  | 0.198% |
| 96  | 7.970 | 7.964 | 7.993 | HH | 2226   | 34361  | 2.52%  | 0.116% |
| 97  | 8.025 | 7.993 | 8.050 | HH | 3367   | 79465  | 5.82%  | 0.269% |
| 98  | 8.055 | 8.050 | 8.062 | HH | 2136   | 14855  | 1.09%  | 0.050% |
| 99  | 8.080 | 8.062 | 8.102 | HH | 2977   | 58515  | 4.28%  | 0.198% |
| 100 | 8.115 | 8.102 | 8.122 | HH | 2231   | 25356  | 1.86%  | 0.086% |
| 101 | 8.131 | 8.122 | 8.144 | HH | 2140   | 27600  | 2.02%  | 0.093% |
| 102 | 8.202 | 8.144 | 8.234 | HH | 3843   | 153510 | 11.24% | 0.520% |
| 103 | 8.264 | 8.234 | 8.302 | HH | 7640   | 153029 | 11.20% | 0.518% |
| 104 | 8.318 | 8.302 | 8.337 | HH | 3063   | 56937  | 4.17%  | 0.193% |
| 105 | 8.367 | 8.337 | 8.387 | HH | 4098   | 92858  | 6.80%  | 0.314% |
| 106 | 8.393 | 8.387 | 8.408 | HH | 2557   | 29205  | 2.14%  | 0.099% |
| 107 | 8.424 | 8.408 | 8.441 | HH | 2594   | 47432  | 3.47%  | 0.161% |
| 108 | 8.455 | 8.441 | 8.465 | HH | 2359   | 32403  | 2.37%  | 0.110% |
| 109 | 8.472 | 8.465 | 8.491 | HH | 2376   | 36156  | 2.65%  | 0.122% |
| 110 | 8.495 | 8.491 | 8.517 | HH | 2238   | 30940  | 2.27%  | 0.105% |
| 111 | 8.539 | 8.517 | 8.545 | HH | 2036   | 31681  | 2.32%  | 0.107% |
| 112 | 8.564 | 8.545 | 8.569 | HH | 2375   | 30062  | 2.20%  | 0.102% |
| 113 | 8.605 | 8.569 | 8.627 | HH | 2721   | 85570  | 6.26%  | 0.290% |
| 114 | 8.632 | 8.627 | 8.644 | HH | 2423   | 23377  | 1.71%  | 0.079% |
| 115 | 8.663 | 8.644 | 8.687 | HH | 3793   | 76225  | 5.58%  | 0.258% |
| 116 | 8.702 | 8.687 | 8.712 | HH | 2886   | 40769  | 2.98%  | 0.138% |
| 117 | 8.739 | 8.712 | 8.776 | HH | 3838   | 111373 | 8.15%  | 0.377% |
| 118 | 8.782 | 8.776 | 8.806 | HH | 2164   | 37631  | 2.76%  | 0.127% |
| 119 | 8.825 | 8.806 | 8.845 | HH | 2406   | 50010  | 3.66%  | 0.169% |
| 120 | 8.860 | 8.845 | 8.872 | HH | 2309   | 34429  | 2.52%  | 0.117% |
| 121 | 8.886 | 8.872 | 8.902 | HH | 2409   | 39991  | 2.93%  | 0.135% |
| 122 | 8.927 | 8.902 | 8.940 | HH | 2948   | 55845  | 4.09%  | 0.189% |
| 123 | 8.945 | 8.940 | 9.002 | HH | 2583   | 79863  | 5.85%  | 0.270% |
| 124 | 9.026 | 9.002 | 9.056 | HH | 2843   | 73883  | 5.41%  | 0.250% |
| 125 | 9.060 | 9.056 | 9.093 | HH | 2021   | 40023  | 2.93%  | 0.135% |
| 126 | 9.111 | 9.093 | 9.142 | HH | 2086   | 49485  | 3.62%  | 0.168% |
| 127 | 9.162 | 9.142 | 9.172 | HH | 1657   | 27385  | 2.00%  | 0.093% |
| 128 | 9.178 | 9.172 | 9.197 | HH | 1709   | 22063  | 1.62%  | 0.075% |
| 129 | 9.214 | 9.197 | 9.222 | HH | 1486   | 20808  | 1.52%  | 0.070% |
| 130 | 9.230 | 9.222 | 9.245 | HH | 1646   | 21263  | 1.56%  | 0.072% |
| 131 | 9.262 | 9.245 | 9.287 | HH | 1643   | 37067  | 2.71%  | 0.125% |
| 132 | 9.292 | 9.287 | 9.297 | HH | 1429   | 8654   | 0.63%  | 0.029% |
| 133 | 9.315 | 9.297 | 9.346 | HH | 1632   | 41472  | 3.04%  | 0.140% |
| 134 | 9.359 | 9.346 | 9.382 | HH | 1413   | 27814  | 2.04%  | 0.094% |
| 135 | 9.403 | 9.382 | 9.435 | HH | 1780   | 49067  | 3.59%  | 0.166% |
| 136 | 9.441 | 9.435 | 9.450 | HH | 1265   | 11053  | 0.81%  | 0.037% |
| 137 | 9.478 | 9.450 | 9.509 | HH | 1807   | 50046  | 3.66%  | 0.169% |
| 138 | 9.541 | 9.509 | 9.554 | HH | 1286   | 31944  | 2.34%  | 0.108% |
| 139 | 9.562 | 9.554 | 9.570 | HH | 1240   | 11467  | 0.84%  | 0.039% |
| 140 | 9.586 | 9.570 | 9.617 | HH | 1208   | 28451  | 2.08%  | 0.096% |
| 141 | 9.641 | 9.617 | 9.687 | HH | 1449   | 40004  | 2.93%  | 0.135% |

|     |        |        |        |    | rteres |       |       |        |
|-----|--------|--------|--------|----|--------|-------|-------|--------|
| 142 | 9.692  | 9.687  | 9.700  | HH | 750    | 5540  | 0.41% | 0.019% |
| 143 | 9.727  | 9.700  | 9.747  | HH | 1303   | 29359 | 2.15% | 0.099% |
| 144 | 9.754  | 9.747  | 9.789  | HH | 1218   | 25119 | 1.84% | 0.085% |
| 145 | 9.810  | 9.789  | 9.856  | HH | 1897   | 43367 | 3.18% | 0.147% |
|     |        |        |        |    |        |       |       |        |
| 146 | 9.864  | 9.856  | 9.889  | HH | 828    | 14969 | 1.10% | 0.051% |
| 147 | 9.892  | 9.889  | 9.897  | HH | 703    | 3430  | 0.25% | 0.012% |
| 148 | 9.913  | 9.897  | 9.930  | HH | 887    | 13802 | 1.01% | 0.047% |
| 149 | 9.974  | 9.930  | 10.000 | HH | 784    | 26002 | 1.90% | 0.088% |
| 150 | 10.005 | 10.000 | 10.012 | HH | 517    | 3134  | 0.23% | 0.011% |
|     |        |        |        |    |        |       |       |        |
| 151 | 10.015 | 10.012 | 10.019 | HH | 434    | 1719  | 0.13% | 0.006% |
| 152 | 10.022 | 10.019 | 10.026 | HH | 401    | 1753  | 0.13% | 0.006% |
| 153 | 10.035 | 10.026 | 10.038 | HH | 473    | 3170  | 0.23% | 0.011% |
| 154 | 10.050 | 10.038 | 10.065 | HH | 490    | 6925  | 0.51% | 0.023% |
| 155 | 10.081 | 10.065 | 10.107 | HH | 611    | 11816 | 0.87% | 0.040% |
|     |        |        |        |    |        |       |       |        |
| 156 | 10.124 | 10.107 | 10.136 | HH | 787    | 11073 | 0.81% | 0.037% |
| 157 | 10.140 | 10.136 | 10.173 | HH | 809    | 15000 | 1.10% | 0.051% |
| 158 | 10.197 | 10.173 | 10.224 | HH | 1336   | 26080 | 1.91% | 0.088% |
| 159 | 10.253 | 10.224 | 10.272 | HH | 1290   | 25465 | 1.86% | 0.086% |
| 160 | 10.285 | 10.272 | 10.309 | HH | 846    | 16128 | 1.18% | 0.055% |
|     |        |        |        |    |        |       |       |        |
| 161 | 10.342 | 10.309 | 10.365 | HH | 854    | 22924 | 1.68% | 0.078% |
| 162 | 10.393 | 10.365 | 10.415 | HH | 667    | 15273 | 1.12% | 0.052% |
| 163 | 10.473 | 10.415 | 10.489 | HH | 1199   | 37038 | 2.71% | 0.125% |
| 164 | 10.518 | 10.489 | 10.531 | HH | 1238   | 24503 | 1.79% | 0.083% |
| 165 | 10.547 | 10.531 | 10.585 | HH | 1427   | 30064 | 2.20% | 0.102% |
|     |        |        |        |    |        |       |       |        |
| 166 | 10.593 | 10.585 | 10.597 | HH | 746    | 4848  | 0.35% | 0.016% |
| 167 | 10.619 | 10.597 | 10.637 | HH | 1369   | 25303 | 1.85% | 0.086% |
| 168 | 10.645 | 10.637 | 10.662 | HH | 980    | 10997 | 0.81% | 0.037% |
| 169 | 10.666 | 10.662 | 10.669 | HH | 607    | 2239  | 0.16% | 0.008% |
| 170 | 10.674 | 10.669 | 10.720 | HH | 681    | 13706 | 1.00% | 0.046% |
|     |        |        |        |    |        |       |       |        |
| 171 | 10.765 | 10.720 | 10.782 | HH | 753    | 17939 | 1.31% | 0.061% |
| 172 | 10.805 | 10.782 | 10.859 | HH | 2437   | 48512 | 3.55% | 0.164% |
| 173 | 10.882 | 10.859 | 10.910 | HH | 1435   | 27126 | 1.99% | 0.092% |
| 174 | 10.916 | 10.910 | 10.919 | HH | 546    | 2802  | 0.21% | 0.009% |
| 175 | 10.939 | 10.919 | 10.956 | HH | 736    | 13138 | 0.96% | 0.044% |
|     |        |        |        |    |        |       |       |        |
| 176 | 10.961 | 10.956 | 10.964 | HH | 534    | 2285  | 0.17% | 0.008% |
| 177 | 10.976 | 10.964 | 10.986 | HH | 648    | 7925  | 0.58% | 0.027% |
| 178 | 10.990 | 10.986 | 11.014 | HH | 620    | 8750  | 0.64% | 0.030% |
| 179 | 11.022 | 11.014 | 11.035 | HH | 542    | 6010  | 0.44% | 0.020% |
| 180 | 11.056 | 11.035 | 11.077 | HH | 875    | 14702 | 1.08% | 0.050% |
|     |        |        |        |    |        |       |       |        |
| 181 | 11.082 | 11.077 | 11.089 | HH | 480    | 3204  | 0.23% | 0.011% |
| 182 | 11.115 | 11.089 | 11.120 | HH | 846    | 12184 | 0.89% | 0.041% |
| 183 | 11.125 | 11.120 | 11.150 | HH | 821    | 10780 | 0.79% | 0.036% |
| 184 | 11.180 | 11.150 | 11.204 | HH | 954    | 23840 | 1.75% | 0.081% |
| 185 | 11.214 | 11.204 | 11.217 | HH | 831    | 5894  | 0.43% | 0.020% |
|     |        |        |        |    |        |       |       |        |
| 186 | 11.227 | 11.217 | 11.233 | HH | 820    | 7711  | 0.56% | 0.026% |
| 187 | 11.253 | 11.233 | 11.287 | HH | 1594   | 31336 | 2.29% | 0.106% |
| 188 | 11.292 | 11.287 | 11.297 | HH | 766    | 4133  | 0.30% | 0.014% |
| 189 | 11.303 | 11.297 | 11.312 | HH | 703    | 5928  | 0.43% | 0.020% |
| 190 | 11.340 | 11.312 | 11.365 | HH | 1571   | 34044 | 2.49% | 0.115% |
|     |        |        |        |    |        |       |       |        |
| 191 | 11.371 | 11.365 | 11.375 | HH | 515    | 2877  | 0.21% | 0.010% |
| 192 | 11.407 | 11.375 | 11.427 | HH | 889    | 20665 | 1.51% | 0.070% |
| 193 | 11.452 | 11.427 | 11.463 | HH | 748    | 13444 | 0.98% | 0.046% |
| 194 | 11.497 | 11.463 | 11.524 | HH | 907    | 25030 | 1.83% | 0.085% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 195 | 11.540 | 11.524 | 11.569 | HH | 798    | 19542  | 1.43%  | 0.066% |
| 196 | 11.573 | 11.569 | 11.582 | HH | 707    | 4929   | 0.36%  | 0.017% |
| 197 | 11.607 | 11.582 | 11.624 | HH | 1230   | 23766  | 1.74%  | 0.080% |
| 198 | 11.642 | 11.624 | 11.687 | HH | 1396   | 40550  | 2.97%  | 0.137% |
| 199 | 11.723 | 11.687 | 11.740 | HH | 1483   | 36636  | 2.68%  | 0.124% |
| 200 | 11.754 | 11.740 | 11.774 | HH | 1393   | 23789  | 1.74%  | 0.081% |
| 201 | 11.791 | 11.774 | 11.840 | HH | 1331   | 38797  | 2.84%  | 0.131% |
| 202 | 11.861 | 11.840 | 11.882 | HH | 1171   | 23535  | 1.72%  | 0.080% |
| 203 | 11.923 | 11.882 | 11.964 | HH | 2064   | 64593  | 4.73%  | 0.219% |
| 204 | 11.974 | 11.964 | 11.994 | HH | 1139   | 19080  | 1.40%  | 0.065% |
| 205 | 12.011 | 11.994 | 12.031 | HH | 1350   | 25994  | 1.90%  | 0.088% |
| 206 | 12.038 | 12.031 | 12.064 | HH | 1087   | 19928  | 1.46%  | 0.067% |
| 207 | 12.084 | 12.064 | 12.104 | HH | 1170   | 26534  | 1.94%  | 0.090% |
| 208 | 12.109 | 12.104 | 12.111 | HH | 1058   | 4246   | 0.31%  | 0.014% |
| 209 | 12.116 | 12.111 | 12.122 | HH | 1124   | 6941   | 0.51%  | 0.023% |
| 210 | 12.146 | 12.122 | 12.150 | HH | 1383   | 19859  | 1.45%  | 0.067% |
| 211 | 12.171 | 12.150 | 12.213 | HH | 1953   | 55479  | 4.06%  | 0.188% |
| 212 | 12.224 | 12.213 | 12.246 | HH | 1375   | 24903  | 1.82%  | 0.084% |
| 213 | 12.263 | 12.246 | 12.273 | HH | 1388   | 20428  | 1.50%  | 0.069% |
| 214 | 12.296 | 12.273 | 12.319 | HH | 1686   | 40779  | 2.99%  | 0.138% |
| 215 | 12.339 | 12.319 | 12.380 | HH | 1562   | 51384  | 3.76%  | 0.174% |
| 216 | 12.400 | 12.380 | 12.407 | HH | 1640   | 24111  | 1.77%  | 0.082% |
| 217 | 12.417 | 12.407 | 12.442 | HH | 1708   | 32847  | 2.40%  | 0.111% |
| 218 | 12.477 | 12.442 | 12.482 | HH | 1715   | 36866  | 2.70%  | 0.125% |
| 219 | 12.509 | 12.482 | 12.530 | HH | 2625   | 59345  | 4.34%  | 0.201% |
| 220 | 12.568 | 12.530 | 12.601 | HH | 3201   | 97357  | 7.13%  | 0.330% |
| 221 | 12.628 | 12.601 | 12.710 | HH | 8009   | 196851 | 14.41% | 0.666% |
| 222 | 12.717 | 12.710 | 12.739 | HH | 1788   | 29795  | 2.18%  | 0.101% |
| 223 | 12.765 | 12.739 | 12.782 | HH | 2053   | 49120  | 3.60%  | 0.166% |
| 224 | 12.787 | 12.782 | 12.794 | HH | 2025   | 14273  | 1.04%  | 0.048% |
| 225 | 12.799 | 12.794 | 12.802 | HH | 1950   | 9260   | 0.68%  | 0.031% |
| 226 | 12.816 | 12.802 | 12.833 | HH | 2198   | 38956  | 2.85%  | 0.132% |
| 227 | 12.854 | 12.833 | 12.872 | HH | 2231   | 49232  | 3.60%  | 0.167% |
| 228 | 12.879 | 12.872 | 12.900 | HH | 2168   | 34834  | 2.55%  | 0.118% |
| 229 | 12.927 | 12.900 | 12.957 | HH | 8216   | 148727 | 10.89% | 0.503% |
| 230 | 12.965 | 12.957 | 12.972 | HH | 3276   | 24925  | 1.82%  | 0.084% |
| 231 | 12.985 | 12.972 | 13.001 | HH | 2822   | 44376  | 3.25%  | 0.150% |
| 232 | 13.019 | 13.001 | 13.046 | HH | 2888   | 72675  | 5.32%  | 0.246% |
| 233 | 13.063 | 13.046 | 13.086 | HH | 2706   | 62578  | 4.58%  | 0.212% |
| 234 | 13.108 | 13.086 | 13.122 | HH | 2844   | 58146  | 4.26%  | 0.197% |
| 235 | 13.126 | 13.122 | 13.160 | HH | 2831   | 59494  | 4.36%  | 0.201% |
| 236 | 13.181 | 13.160 | 13.228 | HH | 3624   | 128757 | 9.43%  | 0.436% |
| 237 | 13.237 | 13.228 | 13.244 | HH | 3068   | 27701  | 2.03%  | 0.094% |
| 238 | 13.261 | 13.244 | 13.279 | HH | 3315   | 65712  | 4.81%  | 0.222% |
| 239 | 13.284 | 13.279 | 13.308 | HH | 2943   | 48622  | 3.56%  | 0.165% |
| 240 | 13.324 | 13.308 | 13.329 | HH | 2993   | 37391  | 2.74%  | 0.127% |
| 241 | 13.354 | 13.329 | 13.369 | HH | 3243   | 72383  | 5.30%  | 0.245% |
| 242 | 13.400 | 13.369 | 13.427 | HH | 3550   | 113623 | 8.32%  | 0.385% |
| 243 | 13.453 | 13.427 | 13.472 | HH | 3332   | 86859  | 6.36%  | 0.294% |
| 244 | 13.521 | 13.472 | 13.547 | HH | 4581   | 169714 | 12.43% | 0.575% |
| 245 | 13.563 | 13.547 | 13.574 | HH | 3726   | 57200  | 4.19%  | 0.194% |
| 246 | 13.584 | 13.574 | 13.603 | HH | 3700   | 64118  | 4.69%  | 0.217% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 247 | 13.629 | 13.603 | 13.647 | HH | 4588   | 106952 | 7.83%  | 0.362% |
| 248 | 13.669 | 13.647 | 13.700 | HH | 4722   | 134894 | 9.88%  | 0.457% |
| 249 | 13.714 | 13.700 | 13.742 | HH | 4573   | 108423 | 7.94%  | 0.367% |
| 250 | 13.772 | 13.742 | 13.783 | HH | 5815   | 118941 | 8.71%  | 0.403% |
|     |        |        |        |    |        |        |        |        |
| 251 | 13.794 | 13.783 | 13.820 | HH | 5828   | 116306 | 8.52%  | 0.394% |
| 252 | 13.839 | 13.820 | 13.859 | HH | 5317   | 113486 | 8.31%  | 0.384% |
| 253 | 13.865 | 13.859 | 13.880 | HH | 4571   | 56791  | 4.16%  | 0.192% |
| 254 | 13.888 | 13.880 | 13.900 | HH | 4611   | 53347  | 3.91%  | 0.181% |
| 255 | 13.909 | 13.900 | 13.919 | HH | 4584   | 49422  | 3.62%  | 0.167% |
|     |        |        |        |    |        |        |        |        |
| 256 | 13.924 | 13.919 | 13.945 | HH | 4641   | 71666  | 5.25%  | 0.243% |
| 257 | 13.986 | 13.945 | 13.993 | HH | 4947   | 132222 | 9.68%  | 0.448% |
| 258 | 14.005 | 13.993 | 14.031 | HH | 5172   | 113405 | 8.30%  | 0.384% |
| 259 | 14.040 | 14.031 | 14.054 | HH | 4941   | 66320  | 4.86%  | 0.225% |
| 260 | 14.073 | 14.054 | 14.087 | HH | 5134   | 97368  | 7.13%  | 0.330% |
|     |        |        |        |    |        |        |        |        |
| 261 | 14.108 | 14.087 | 14.117 | HH | 5103   | 90678  | 6.64%  | 0.307% |
| 262 | 14.136 | 14.117 | 14.147 | HH | 5478   | 95414  | 6.99%  | 0.323% |
| 263 | 14.186 | 14.147 | 14.205 | HH | 5950   | 194740 | 14.26% | 0.659% |
| 264 | 14.224 | 14.205 | 14.230 | HH | 6038   | 85943  | 6.29%  | 0.291% |
| 265 | 14.260 | 14.230 | 14.270 | HH | 6471   | 151047 | 11.06% | 0.511% |
|     |        |        |        |    |        |        |        |        |
| 266 | 14.283 | 14.270 | 14.312 | HH | 6535   | 153883 | 11.27% | 0.521% |
| 267 | 14.337 | 14.312 | 14.361 | HH | 7059   | 192234 | 14.07% | 0.651% |
| 268 | 14.365 | 14.361 | 14.372 | HH | 6631   | 42069  | 3.08%  | 0.142% |
| 269 | 14.400 | 14.372 | 14.420 | HH | 6884   | 194794 | 14.26% | 0.659% |
| 270 | 14.442 | 14.420 | 14.450 | HH | 7101   | 122018 | 8.93%  | 0.413% |
|     |        |        |        |    |        |        |        |        |
| 271 | 14.464 | 14.450 | 14.484 | HH | 7319   | 142092 | 10.40% | 0.481% |
| 272 | 14.504 | 14.484 | 14.522 | HH | 8035   | 168270 | 12.32% | 0.570% |
| 273 | 14.540 | 14.522 | 14.558 | HH | 7198   | 153351 | 11.23% | 0.519% |
| 274 | 14.590 | 14.558 | 14.605 | HH | 7378   | 199417 | 14.60% | 0.675% |
| 275 | 14.626 | 14.605 | 14.646 | HH | 7956   | 186255 | 13.64% | 0.630% |
|     |        |        |        |    |        |        |        |        |
| 276 | 14.674 | 14.646 | 14.720 | HH | 17301  | 467464 | 34.22% | 1.582% |
| 277 | 14.732 | 14.720 | 14.744 | HH | 7673   | 107663 | 7.88%  | 0.364% |
| 278 | 14.749 | 14.744 | 14.753 | HH | 7590   | 39447  | 2.89%  | 0.134% |
| 279 | 14.774 | 14.753 | 14.779 | HH | 7855   | 121717 | 8.91%  | 0.412% |
| 280 | 14.816 | 14.779 | 14.837 | HH | 10619  | 316145 | 23.15% | 1.070% |
|     |        |        |        |    |        |        |        |        |
| 281 | 14.857 | 14.837 | 14.897 | HH | 12652  | 374280 | 27.40% | 1.267% |
| 282 | 14.904 | 14.897 | 14.923 | HH | 8975   | 137059 | 10.03% | 0.464% |
| 283 | 14.932 | 14.923 | 14.944 | HH | 8995   | 111585 | 8.17%  | 0.378% |
| 284 | 14.976 | 14.944 | 14.997 | HH | 9735   | 296274 | 21.69% | 1.003% |
| 285 | 15.015 | 14.997 | 15.032 | HH | 9664   | 195747 | 14.33% | 0.663% |
|     |        |        |        |    |        |        |        |        |
| 286 | 15.040 | 15.032 | 15.052 | HH | 9263   | 109418 | 8.01%  | 0.370% |
| 287 | 15.067 | 15.052 | 15.083 | HH | 9475   | 172501 | 12.63% | 0.584% |
| 288 | 15.100 | 15.083 | 15.105 | HH | 9232   | 122368 | 8.96%  | 0.414% |
| 289 | 15.125 | 15.105 | 15.163 | HH | 10219  | 341472 | 25.00% | 1.156% |
| 290 | 15.175 | 15.163 | 15.187 | HH | 9839   | 137049 | 10.03% | 0.464% |
|     |        |        |        |    |        |        |        |        |
| 291 | 15.194 | 15.187 | 15.204 | HH | 9962   | 99357  | 7.27%  | 0.336% |
| 292 | 15.222 | 15.204 | 15.231 | HH | 10121  | 164145 | 12.02% | 0.556% |
| 293 | 15.262 | 15.231 | 15.322 | HH | 15542  | 660825 | 48.38% | 2.237% |
| 294 | 15.333 | 15.322 | 15.349 | HH | 10954  | 171513 | 12.56% | 0.581% |
| 295 | 15.404 | 15.349 | 15.437 | HH | 12453  | 593209 | 43.43% | 2.008% |
|     |        |        |        |    |        |        |        |        |
| 296 | 15.454 | 15.437 | 15.458 | HH | 11835  | 147100 | 10.77% | 0.498% |
| 297 | 15.492 | 15.458 | 15.522 | HH | 13837  | 476408 | 34.88% | 1.613% |
| 298 | 15.534 | 15.522 | 15.561 | HH | 12624  | 284917 | 20.86% | 0.964% |
| 299 | 15.592 | 15.561 | 15.597 | HH | 11979  | 248834 | 18.22% | 0.842% |

|     |        |        |        |     |                         |         |          |        |
|-----|--------|--------|--------|-----|-------------------------|---------|----------|--------|
|     |        |        |        |     |                         | rteres  |          |        |
| 300 | 15.637 | 15.597 | 15.645 | HH  | 12804                   | 359311  | 26.31%   | 1.216% |
| 301 | 15.659 | 15.645 | 15.684 | HH  | 13324                   | 294642  | 21.57%   | 0.997% |
| 302 | 15.694 | 15.684 | 15.712 | HH  | 12650                   | 211375  | 15.48%   | 0.716% |
| 303 | 15.720 | 15.712 | 15.744 | HH  | 12843                   | 240704  | 17.62%   | 0.815% |
| 304 | 15.774 | 15.744 | 15.778 | HH  | 12970                   | 262228  | 19.20%   | 0.888% |
| 305 | 15.786 | 15.778 | 15.803 | HH  | 13286                   | 193459  | 14.16%   | 0.655% |
| 306 | 15.818 | 15.803 | 15.839 | HH  | 13620                   | 291738  | 21.36%   | 0.988% |
| 307 | 15.845 | 15.839 | 15.852 | HH  | 13431                   | 103407  | 7.57%    | 0.350% |
| 308 | 15.907 | 15.852 | 15.920 | HH  | 15114                   | 568863  | 41.65%   | 1.926% |
| 309 | 15.931 | 15.920 | 15.939 | HH  | 14622                   | 158745  | 11.62%   | 0.537% |
| 310 | 15.944 | 15.939 | 15.950 | HH  | 14480                   | 100249  | 7.34%    | 0.339% |
| 311 | 15.956 | 15.950 | 15.962 | HH  | 14205                   | 96256   | 7.05%    | 0.326% |
| 312 | 15.970 | 15.962 | 15.989 | HH  | 14294                   | 228687  | 16.74%   | 0.774% |
| 313 | 16.001 | 15.989 | 16.017 | HH  | 14338                   | 242349  | 17.74%   | 0.820% |
| 314 | 16.030 | 16.017 | 16.042 | HH  | 14495                   | 210944  | 15.44%   | 0.714% |
| 315 | 16.058 | 16.042 | 16.063 | HH  | 14407                   | 182085  | 13.33%   | 0.616% |
| 316 | 16.096 | 16.063 | 16.115 | HH  | 16278                   | 486217  | 35.60%   | 1.646% |
| 317 | 16.121 | 16.115 | 16.129 | HH  | 15529                   | 129351  | 9.47%    | 0.438% |
| 318 | 16.135 | 16.129 | 16.155 | HH  | 15842                   | 237278  | 17.37%   | 0.803% |
| 319 | 16.191 | 16.155 | 16.195 | HH  | 16701                   | 381865  | 27.96%   | 1.293% |
| 320 | 16.201 | 16.195 | 16.220 | HH  | 16787                   | 252078  | 18.46%   | 0.853% |
| 321 | 16.226 | 16.220 | 16.235 | HH  | 16464                   | 149071  | 10.91%   | 0.505% |
| 322 | 16.252 | 16.235 | 16.264 | HH  | 16676                   | 288607  | 21.13%   | 0.977% |
| 323 | 16.287 | 16.264 | 16.292 | HH  | 17958                   | 289353  | 21.18%   | 0.979% |
| 324 | 16.297 | 16.292 | 16.332 | HH  | 17849                   | 405174  | 29.66%   | 1.372% |
| 325 | 16.388 | 16.332 | 16.439 | HH  | 23797                   | 1218902 | 89.24%   | 4.126% |
| 326 | 16.451 | 16.439 | 16.455 | HH  | 17832                   | 175946  | 12.88%   | 0.596% |
| 327 | 16.477 | 16.455 | 16.495 | HH  | 18481                   | 428665  | 31.38%   | 1.451% |
| 328 | 16.516 | 16.495 | 16.536 | HH  | 19923                   | 466412  | 34.15%   | 1.579% |
| 329 | 16.544 | 16.536 | 16.550 | HH  | 19136                   | 156900  | 11.49%   | 0.531% |
| 330 | 16.572 | 16.550 | 16.580 | HH  | 19159                   | 350823  | 25.68%   | 1.188% |
| 331 | 16.600 | 16.580 | 16.606 | HH  | 19788                   | 297552  | 21.78%   | 1.007% |
| 332 | 16.613 | 16.606 | 16.620 | HH  | 19495                   | 164034  | 12.01%   | 0.555% |
| 333 | 16.625 | 16.620 | 16.635 | HH  | 19150                   | 162639  | 11.91%   | 0.551% |
| 334 | 16.652 | 16.635 | 16.657 | HH  | 19433                   | 253503  | 18.56%   | 0.858% |
| 335 | 16.707 | 16.657 | 16.727 | HH  | 23797                   | 881884  | 64.57%   | 2.985% |
| 336 | 16.732 | 16.727 | 16.742 | HH  | 20596                   | 185471  | 13.58%   | 0.628% |
| 337 | 16.769 | 16.742 | 16.792 | HH  | 23650                   | 651521  | 47.70%   | 2.205% |
| 338 | 16.863 | 16.792 | 16.895 | HH  | 24258                   | 1365879 | 100.00%  | 4.624% |
| 339 | 16.913 | 16.895 | 16.920 | HHA | 23519                   | 358592  | 26.25%   | 1.214% |
|     |        |        |        |     | Sum of corrected areas: |         | 29541097 |        |

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