

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF091120\  
 Data File : FF007524.D  
 Signal(s) : FID2B.ch  
 Acq On : 11 Sep 2020 17:22  
 Sample : L3975-03  
 Misc :  
 ALS Vial : 64 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF090120.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         | 2.346       | 2.321        | 2.363      | BH       | 308            | 1317         | 0.03%          | 0.002%        |
| 2         | 2.369       | 2.363        | 2.407      | PH       | -51            | -2971        | -0.07%         | -0.005%       |
| 3         | 2.412       | 2.407        | 2.420      | PH       | -106           | -1142        | -0.03%         | -0.002%       |
| 4         | 2.429       | 2.420        | 2.463      | PH       | -93            | -4422        | -0.11%         | -0.008%       |
| 5         | 2.468       | 2.463        | 2.502      | PH       | -130           | -4351        | -0.11%         | -0.007%       |
| 6         | 2.511       | 2.502        | 2.555      | PH       | 2192           | 17668        | 0.43%          | 0.030%        |
| 7         | 2.578       | 2.555        | 2.604      | PH       | 1034           | 4097         | 0.10%          | 0.007%        |
| 8         | 2.616       | 2.604        | 2.643      | PH       | 12             | -4376        | -0.11%         | -0.007%       |
| 9         | 2.648       | 2.643        | 2.667      | PH       | -227           | -4350        | -0.11%         | -0.007%       |
| 10        | 2.670       | 2.667        | 2.679      | PH       | -322           | -2340        | -0.06%         | -0.004%       |
| 11        | 2.686       | 2.679        | 2.699      | PH       | -243           | -3786        | -0.09%         | -0.006%       |
| 12        | 2.709       | 2.699        | 2.764      | PH       | -301           | -15581       | -0.38%         | -0.027%       |
| 13        | 2.770       | 2.764        | 2.776      | PH       | -389           | -2963        | -0.07%         | -0.005%       |
| 14        | 2.777       | 2.776        | 2.796      | PH       | -345           | -5383        | -0.13%         | -0.009%       |
| 15        | 2.807       | 2.796        | 2.824      | PH       | -360           | -7573        | -0.18%         | -0.013%       |
| 16        | 2.827       | 2.824        | 2.851      | PH       | -427           | -7746        | -0.19%         | -0.013%       |
| 17        | 2.853       | 2.851        | 2.875      | PH       | -431           | -7219        | -0.18%         | -0.012%       |
| 18        | 2.882       | 2.875        | 2.891      | PH       | -439           | -4418        | -0.11%         | -0.008%       |
| 19        | 2.899       | 2.891        | 2.932      | PH       | -395           | -12465       | -0.30%         | -0.021%       |
| 20        | 2.937       | 2.932        | 2.942      | PH       | -493           | -3363        | -0.08%         | -0.006%       |
| 21        | 2.951       | 2.942        | 2.957      | PH       | -495           | -5083        | -0.12%         | -0.009%       |
| 22        | 2.961       | 2.957        | 2.966      | PH       | -520           | -2636        | -0.06%         | -0.005%       |
| 23        | 2.972       | 2.966        | 2.987      | PH       | -452           | -6682        | -0.16%         | -0.011%       |
| 24        | 2.994       | 2.987        | 3.012      | PH       | -445           | -7375        | -0.18%         | -0.013%       |
| 25        | 3.018       | 3.012        | 3.021      | PH       | -507           | -2836        | -0.07%         | -0.005%       |
| 26        | 3.026       | 3.021        | 3.054      | PH       | -461           | -9789        | -0.24%         | -0.017%       |
| 27        | 3.061       | 3.054        | 3.064      | PH       | -499           | -3203        | -0.08%         | -0.005%       |
| 28        | 3.068       | 3.064        | 3.088      | PH       | -425           | -7339        | -0.18%         | -0.013%       |
| 29        | 3.103       | 3.088        | 3.108      | PH       | -325           | -5235        | -0.13%         | -0.009%       |
| 30        | 3.117       | 3.108        | 3.159      | PH       | -317           | -15496       | -0.38%         | -0.027%       |
| 31        | 3.163       | 3.159        | 3.172      | PH       | -521           | -4609        | -0.11%         | -0.008%       |
| 32        | 3.179       | 3.172        | 3.188      | PH       | -531           | -5510        | -0.13%         | -0.009%       |
| 33        | 3.194       | 3.188        | 3.199      | PH       | -550           | -3908        | -0.09%         | -0.007%       |
| 34        | 3.210       | 3.199        | 3.250      | PH       | -542           | -20095       | -0.49%         | -0.034%       |
| 35        | 3.270       | 3.250        | 3.318      | PH       | -429           | -26978       | -0.66%         | -0.046%       |
| 36        | 3.333       | 3.318        | 3.364      | PH       | -683           | -20969       | -0.51%         | -0.036%       |

|    |       |       |       |    | rteres |        |        |         |
|----|-------|-------|-------|----|--------|--------|--------|---------|
| 37 | 3.375 | 3.364 | 3.405 | PH | -526   | -19026 | -0.46% | -0.033% |
| 38 | 3.411 | 3.405 | 3.431 | PH | -839   | -13979 | -0.34% | -0.024% |
| 39 | 3.438 | 3.431 | 3.446 | PH | -862   | -8363  | -0.20% | -0.014% |
| 40 | 3.453 | 3.446 | 3.466 | PH | -903   | -11295 | -0.27% | -0.019% |
|    |       |       |       |    |        |        |        |         |
| 41 | 3.468 | 3.466 | 3.473 | PH | -912   | -4006  | -0.10% | -0.007% |
| 42 | 3.503 | 3.473 | 3.516 | PH | -848   | -24635 | -0.60% | -0.042% |
| 43 | 3.541 | 3.516 | 3.559 | PH | -710   | -22914 | -0.56% | -0.039% |
| 44 | 3.564 | 3.559 | 3.597 | PH | -898   | -21675 | -0.53% | -0.037% |
| 45 | 3.603 | 3.597 | 3.625 | PH | -935   | -16015 | -0.39% | -0.027% |
|    |       |       |       |    |        |        |        |         |
| 46 | 3.629 | 3.625 | 3.635 | PH | -956   | -6250  | -0.15% | -0.011% |
| 47 | 3.641 | 3.635 | 3.654 | PH | -947   | -11087 | -0.27% | -0.019% |
| 48 | 3.669 | 3.654 | 3.694 | PH | -164   | -16204 | -0.39% | -0.028% |
| 49 | 3.698 | 3.694 | 3.704 | PH | -982   | -5988  | -0.15% | -0.010% |
| 50 | 3.709 | 3.704 | 3.739 | PH | -939   | -21275 | -0.52% | -0.036% |
|    |       |       |       |    |        |        |        |         |
| 51 | 3.754 | 3.739 | 3.781 | PH | -942   | -25206 | -0.61% | -0.043% |
| 52 | 3.794 | 3.781 | 3.804 | PH | -1018  | -14968 | -0.36% | -0.026% |
| 53 | 3.810 | 3.804 | 3.840 | PH | -1011  | -23331 | -0.57% | -0.040% |
| 54 | 3.858 | 3.840 | 3.904 | PH | -944   | -40487 | -0.98% | -0.069% |
| 55 | 3.906 | 3.904 | 3.912 | PH | -1044  | -5535  | -0.13% | -0.009% |
|    |       |       |       |    |        |        |        |         |
| 56 | 3.918 | 3.912 | 3.938 | PH | -1012  | -16825 | -0.41% | -0.029% |
| 57 | 3.943 | 3.938 | 3.947 | PH | -1057  | -5939  | -0.14% | -0.010% |
| 58 | 3.963 | 3.947 | 4.029 | PH | -1008  | -54076 | -1.31% | -0.093% |
| 59 | 4.049 | 4.029 | 4.092 | PH | 8528   | 47655  | 1.16%  | 0.082%  |
| 60 | 4.101 | 4.092 | 4.141 | PH | -678   | -24627 | -0.60% | -0.042% |
|    |       |       |       |    |        |        |        |         |
| 61 | 4.149 | 4.141 | 4.174 | PH | -934   | -20156 | -0.49% | -0.034% |
| 62 | 4.195 | 4.174 | 4.355 | PH | 36491  | 292482 | 7.11%  | 0.500%  |
| 63 | 4.364 | 4.355 | 4.372 | PH | -947   | -9935  | -0.24% | -0.017% |
| 64 | 4.387 | 4.372 | 4.427 | PH | -663   | -27181 | -0.66% | -0.047% |
| 65 | 4.452 | 4.427 | 4.495 | PH | -197   | -31272 | -0.76% | -0.054% |
|    |       |       |       |    |        |        |        |         |
| 66 | 4.505 | 4.495 | 4.541 | PH | -895   | -28182 | -0.68% | -0.048% |
| 67 | 4.547 | 4.541 | 4.573 | PH | -956   | -20403 | -0.50% | -0.035% |
| 68 | 4.602 | 4.573 | 4.694 | PH | 2081   | -46547 | -1.13% | -0.080% |
| 69 | 4.726 | 4.694 | 4.776 | PH | -916   | -50423 | -1.23% | -0.086% |
| 70 | 4.781 | 4.776 | 4.858 | PH | -1103  | -55923 | -1.36% | -0.096% |
|    |       |       |       |    |        |        |        |         |
| 71 | 4.871 | 4.858 | 4.913 | PH | -1131  | -40202 | -0.98% | -0.069% |
| 72 | 4.927 | 4.913 | 4.979 | PH | -1222  | -49654 | -1.21% | -0.085% |
| 73 | 5.051 | 4.979 | 5.086 | PH | -944   | -76169 | -1.85% | -0.130% |
| 74 | 5.091 | 5.086 | 5.102 | PH | -1221  | -12624 | -0.31% | -0.022% |
| 75 | 5.133 | 5.102 | 5.145 | PH | -1148  | -30730 | -0.75% | -0.053% |
|    |       |       |       |    |        |        |        |         |
| 76 | 5.156 | 5.145 | 5.169 | PH | -1033  | -16398 | -0.40% | -0.028% |
| 77 | 5.208 | 5.169 | 5.237 | PH | -1052  | -46643 | -1.13% | -0.080% |
| 78 | 5.249 | 5.237 | 5.295 | PH | -1120  | -40353 | -0.98% | -0.069% |
| 79 | 5.316 | 5.295 | 5.358 | PH | -631   | -37812 | -0.92% | -0.065% |
| 80 | 5.376 | 5.358 | 5.434 | PH | -372   | -42345 | -1.03% | -0.072% |
|    |       |       |       |    |        |        |        |         |
| 81 | 5.440 | 5.434 | 5.452 | PH | -1060  | -12126 | -0.29% | -0.021% |
| 82 | 5.459 | 5.452 | 5.476 | PH | -1007  | -15685 | -0.38% | -0.027% |
| 83 | 5.499 | 5.476 | 5.527 | PH | -995   | -33662 | -0.82% | -0.058% |
| 84 | 5.549 | 5.527 | 5.594 | PH | -280   | -35378 | -0.86% | -0.061% |
| 85 | 5.612 | 5.594 | 5.632 | PH | -936   | -22616 | -0.55% | -0.039% |
|    |       |       |       |    |        |        |        |         |
| 86 | 5.648 | 5.632 | 5.684 | PH | -967   | -32258 | -0.78% | -0.055% |
| 87 | 5.733 | 5.684 | 5.767 | PH | -944   | -52387 | -1.27% | -0.090% |
| 88 | 5.773 | 5.767 | 5.813 | PH | -1016  | -29640 | -0.72% | -0.051% |
| 89 | 5.840 | 5.813 | 5.857 | PH | -846   | -27057 | -0.66% | -0.046% |

|     |       |       |       |    |        |         |        |         |
|-----|-------|-------|-------|----|--------|---------|--------|---------|
|     |       |       |       |    | rteres |         |        |         |
| 90  | 5.905 | 5.857 | 5.947 | PH | -990   | -60187  | -1.46% | -0.103% |
| 91  | 5.965 | 5.947 | 5.998 | PH | -1037  | -33557  | -0.82% | -0.057% |
| 92  | 6.006 | 5.998 | 6.026 | PH | -1027  | -18061  | -0.44% | -0.031% |
| 93  | 6.051 | 6.026 | 6.072 | PH | -846   | -25523  | -0.62% | -0.044% |
| 94  | 6.082 | 6.072 | 6.097 | PH | -813   | -13482  | -0.33% | -0.023% |
| 95  | 6.112 | 6.097 | 6.165 | PH | 166    | -24286  | -0.59% | -0.042% |
| 96  | 6.190 | 6.165 | 6.236 | PH | -581   | -36424  | -0.88% | -0.062% |
| 97  | 6.248 | 6.236 | 6.302 | PH | -768   | -33915  | -0.82% | -0.058% |
| 98  | 6.327 | 6.302 | 6.433 | PH | -251   | -56716  | -1.38% | -0.097% |
| 99  | 6.477 | 6.433 | 6.589 | PH | -513   | -84723  | -2.06% | -0.145% |
| 100 | 6.610 | 6.589 | 6.617 | PH | -968   | -17280  | -0.42% | -0.030% |
| 101 | 6.623 | 6.617 | 6.667 | PH | -988   | -30746  | -0.75% | -0.053% |
| 102 | 6.688 | 6.667 | 6.722 | PH | -907   | -33642  | -0.82% | -0.058% |
| 103 | 6.730 | 6.722 | 6.747 | PH | -942   | -14500  | -0.35% | -0.025% |
| 104 | 6.760 | 6.747 | 6.777 | PH | -908   | -18600  | -0.45% | -0.032% |
| 105 | 6.790 | 6.777 | 6.802 | PH | -1031  | -15967  | -0.39% | -0.027% |
| 106 | 6.808 | 6.802 | 6.822 | PH | -987   | -12296  | -0.30% | -0.021% |
| 107 | 6.834 | 6.822 | 6.894 | PH | -910   | -46026  | -1.12% | -0.079% |
| 108 | 6.996 | 6.894 | 7.072 | PH | -706   | -101689 | -2.47% | -0.174% |
| 109 | 7.088 | 7.072 | 7.105 | PH | -987   | -19538  | -0.47% | -0.033% |
| 110 | 7.139 | 7.105 | 7.173 | PH | -769   | -37741  | -0.92% | -0.065% |
| 111 | 7.181 | 7.173 | 7.216 | PH | -924   | -26960  | -0.66% | -0.046% |
| 112 | 7.247 | 7.216 | 7.262 | PH | -921   | -28917  | -0.70% | -0.049% |
| 113 | 7.273 | 7.262 | 7.344 | PH | -853   | -50555  | -1.23% | -0.087% |
| 114 | 7.402 | 7.344 | 7.422 | PH | -857   | -47231  | -1.15% | -0.081% |
| 115 | 7.438 | 7.422 | 7.453 | PH | -918   | -19314  | -0.47% | -0.033% |
| 116 | 7.461 | 7.453 | 7.491 | PH | -1022  | -24102  | -0.59% | -0.041% |
| 117 | 7.549 | 7.491 | 7.572 | PH | -926   | -48926  | -1.19% | -0.084% |
| 118 | 7.583 | 7.572 | 7.610 | PH | -919   | -23552  | -0.57% | -0.040% |
| 119 | 7.632 | 7.610 | 7.670 | PH | -905   | -35324  | -0.86% | -0.060% |
| 120 | 7.691 | 7.670 | 7.786 | PH | -390   | -64287  | -1.56% | -0.110% |
| 121 | 7.805 | 7.786 | 7.830 | PH | -845   | -25138  | -0.61% | -0.043% |
| 122 | 7.858 | 7.830 | 7.909 | PH | -222   | -34498  | -0.84% | -0.059% |
| 123 | 7.923 | 7.909 | 7.987 | PH | -796   | -42313  | -1.03% | -0.072% |
| 124 | 8.008 | 7.987 | 8.022 | PH | -678   | -16910  | -0.41% | -0.029% |
| 125 | 8.030 | 8.022 | 8.041 | PH | -695   | -9037   | -0.22% | -0.015% |
| 126 | 8.055 | 8.041 | 8.082 | PH | -832   | -22666  | -0.55% | -0.039% |
| 127 | 8.098 | 8.082 | 8.147 | PH | -798   | -35332  | -0.86% | -0.060% |
| 128 | 8.173 | 8.147 | 8.212 | PH | -593   | -30999  | -0.75% | -0.053% |
| 129 | 8.242 | 8.212 | 8.264 | PH | 4088   | 35579   | 0.86%  | 0.061%  |
| 130 | 8.273 | 8.264 | 8.296 | PH | 236    | -3533   | -0.09% | -0.006% |
| 131 | 8.338 | 8.296 | 8.456 | PH | 95334  | 943032  | 22.91% | 1.614%  |
| 132 | 8.465 | 8.456 | 8.484 | PH | -787   | -14197  | -0.34% | -0.024% |
| 133 | 8.505 | 8.484 | 8.551 | PH | -185   | -28626  | -0.70% | -0.049% |
| 134 | 8.563 | 8.551 | 8.583 | PH | -902   | -19185  | -0.47% | -0.033% |
| 135 | 8.595 | 8.583 | 8.604 | PH | -985   | -12399  | -0.30% | -0.021% |
| 136 | 8.641 | 8.604 | 8.656 | PH | -736   | -27423  | -0.67% | -0.047% |
| 137 | 8.688 | 8.656 | 8.706 | PH | -356   | -19684  | -0.48% | -0.034% |
| 138 | 8.748 | 8.706 | 8.797 | PH | 2436   | 17374   | 0.42%  | 0.030%  |
| 139 | 8.809 | 8.797 | 8.844 | PH | -448   | -16842  | -0.41% | -0.029% |
| 140 | 8.883 | 8.844 | 8.912 | PH | -412   | -26335  | -0.64% | -0.045% |
| 141 | 8.922 | 8.912 | 8.957 | PH | -659   | -20301  | -0.49% | -0.035% |

|     |        |        |        |    | rteres |        |        |         |
|-----|--------|--------|--------|----|--------|--------|--------|---------|
| 142 | 8.998  | 8.957  | 9.077  | PH | 969    | -29380 | -0.71% | -0.050% |
| 143 | 9.097  | 9.077  | 9.129  | PH | 121    | -13884 | -0.34% | -0.024% |
| 144 | 9.138  | 9.129  | 9.176  | PH | -628   | -19168 | -0.47% | -0.033% |
| 145 | 9.183  | 9.176  | 9.207  | PH | -648   | -13864 | -0.34% | -0.024% |
| 146 | 9.224  | 9.207  | 9.268  | PH | -638   | -25680 | -0.62% | -0.044% |
| 147 | 9.284  | 9.268  | 9.347  | PH | -603   | -31768 | -0.77% | -0.054% |
| 148 | 9.352  | 9.347  | 9.371  | PH | -720   | -10201 | -0.25% | -0.017% |
| 149 | 9.399  | 9.371  | 9.421  | PH | -437   | -17565 | -0.43% | -0.030% |
| 150 | 9.438  | 9.421  | 9.463  | PH | 190    | -3598  | -0.09% | -0.006% |
| 151 | 9.479  | 9.463  | 9.497  | PH | 12     | -3184  | -0.08% | -0.005% |
| 152 | 9.515  | 9.497  | 9.547  | PH | -41    | -9400  | -0.23% | -0.016% |
| 153 | 9.559  | 9.547  | 9.577  | PH | -319   | -8038  | -0.20% | -0.014% |
| 154 | 9.595  | 9.577  | 9.636  | PH | 80     | -12533 | -0.30% | -0.021% |
| 155 | 9.654  | 9.636  | 9.687  | PH | -351   | -15355 | -0.37% | -0.026% |
| 156 | 9.712  | 9.687  | 9.734  | PH | 191    | -7603  | -0.18% | -0.013% |
| 157 | 9.752  | 9.734  | 9.785  | PH | -438   | -15849 | -0.39% | -0.027% |
| 158 | 9.815  | 9.785  | 9.857  | PH | -117   | -17817 | -0.43% | -0.030% |
| 159 | 9.878  | 9.857  | 9.894  | PH | 566    | 674    | 0.02%  | 0.001%  |
| 160 | 9.909  | 9.894  | 9.967  | PH | 1020   | 800    | 0.02%  | 0.001%  |
| 161 | 9.981  | 9.967  | 9.999  | PH | -254   | -6780  | -0.16% | -0.012% |
| 162 | 10.030 | 9.999  | 10.084 | PH | 166    | -14417 | -0.35% | -0.025% |
| 163 | 10.093 | 10.084 | 10.117 | PH | -419   | -9838  | -0.24% | -0.017% |
| 164 | 10.132 | 10.117 | 10.186 | PH | -141   | -18135 | -0.44% | -0.031% |
| 165 | 10.220 | 10.186 | 10.238 | PH | -89    | -8970  | -0.22% | -0.015% |
| 166 | 10.262 | 10.238 | 10.291 | PH | 118    | -2613  | -0.06% | -0.004% |
| 167 | 10.321 | 10.291 | 10.387 | PH | 1436   | 15294  | 0.37%  | 0.026%  |
| 168 | 10.420 | 10.387 | 10.451 | PH | 240    | -130   | -0.00% | -0.000% |
| 169 | 10.457 | 10.451 | 10.476 | PH | -59    | -2525  | -0.06% | -0.004% |
| 170 | 10.500 | 10.476 | 10.512 | PH | -84    | -3727  | -0.09% | -0.006% |
| 171 | 10.524 | 10.512 | 10.554 | PH | 27     | -2458  | -0.06% | -0.004% |
| 172 | 10.573 | 10.554 | 10.588 | PH | 343    | 2561   | 0.06%  | 0.004%  |
| 173 | 10.617 | 10.588 | 10.658 | PH | 453    | 1646   | 0.04%  | 0.003%  |
| 174 | 10.688 | 10.658 | 10.700 | PH | 109    | -1806  | -0.04% | -0.003% |
| 175 | 10.718 | 10.700 | 10.738 | PH | 456    | 3337   | 0.08%  | 0.006%  |
| 176 | 10.773 | 10.738 | 10.796 | PH | 195    | 2243   | 0.05%  | 0.004%  |
| 177 | 10.807 | 10.796 | 10.826 | PH | 32     | -264   | -0.01% | -0.000% |
| 178 | 10.844 | 10.826 | 10.861 | PH | -12    | -1791  | -0.04% | -0.003% |
| 179 | 10.899 | 10.861 | 10.979 | PH | 3931   | 63163  | 1.53%  | 0.108%  |
| 180 | 11.014 | 10.979 | 11.112 | HH | 899    | 13710  | 0.33%  | 0.023%  |
| 181 | 11.131 | 11.112 | 11.166 | PH | 13     | -2804  | -0.07% | -0.005% |
| 182 | 11.183 | 11.166 | 11.220 | PH | 23     | -3460  | -0.08% | -0.006% |
| 183 | 11.254 | 11.220 | 11.277 | PH | 16     | -2387  | -0.06% | -0.004% |
| 184 | 11.321 | 11.277 | 11.376 | PH | 1048   | 16315  | 0.40%  | 0.028%  |
| 185 | 11.404 | 11.376 | 11.432 | HH | 981    | 15538  | 0.38%  | 0.027%  |
| 186 | 11.457 | 11.432 | 11.466 | HH | 300    | 5122   | 0.12%  | 0.009%  |
| 187 | 11.483 | 11.466 | 11.497 | HH | 455    | 5577   | 0.14%  | 0.010%  |
| 188 | 11.515 | 11.497 | 11.560 | HH | 695    | 7208   | 0.18%  | 0.012%  |
| 189 | 11.589 | 11.560 | 11.674 | PH | 2548   | 53762  | 1.31%  | 0.092%  |
| 190 | 11.680 | 11.674 | 11.707 | HH | 289    | 4524   | 0.11%  | 0.008%  |
| 191 | 11.745 | 11.707 | 11.791 | HH | 433    | 11249  | 0.27%  | 0.019%  |
| 192 | 11.805 | 11.791 | 11.844 | HH | 258    | 2624   | 0.06%  | 0.004%  |
| 193 | 11.869 | 11.844 | 11.888 | PH | 125    | 170    | 0.00%  | 0.000%  |
| 194 | 11.930 | 11.888 | 11.956 | PH | 95     | 264    | 0.01%  | 0.000%  |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 11.990 | 11.956 | 12.027 | PH | 743    | 14559   | 0.35%  | 0.025% |
| 196 | 12.046 | 12.027 | 12.062 | HH | 339    | 5469    | 0.13%  | 0.009% |
| 197 | 12.090 | 12.062 | 12.191 | HH | 6440   | 113830  | 2.77%  | 0.195% |
| 198 | 12.246 | 12.191 | 12.346 | HH | 85241  | 1116942 | 27.14% | 1.911% |
| 199 | 12.358 | 12.346 | 12.432 | HH | 1109   | 33891   | 0.82%  | 0.058% |
| 200 | 12.446 | 12.432 | 12.531 | HH | 417    | 16506   | 0.40%  | 0.028% |
| 201 | 12.573 | 12.531 | 12.592 | HH | 364    | 11167   | 0.27%  | 0.019% |
| 202 | 12.633 | 12.592 | 12.680 | HH | 1549   | 31303   | 0.76%  | 0.054% |
| 203 | 12.700 | 12.680 | 12.719 | HH | 560    | 8586    | 0.21%  | 0.015% |
| 204 | 12.752 | 12.719 | 12.777 | HH | 546    | 13371   | 0.32%  | 0.023% |
| 205 | 12.794 | 12.777 | 12.842 | HH | 508    | 9740    | 0.24%  | 0.017% |
| 206 | 12.856 | 12.842 | 12.864 | HH | 212    | 2241    | 0.05%  | 0.004% |
| 207 | 12.906 | 12.864 | 12.944 | HH | 713    | 21333   | 0.52%  | 0.037% |
| 208 | 12.948 | 12.944 | 12.972 | HH | 416    | 4224    | 0.10%  | 0.007% |
| 209 | 12.999 | 12.972 | 13.016 | HH | 498    | 8353    | 0.20%  | 0.014% |
| 210 | 13.039 | 13.016 | 13.074 | HH | 1250   | 22230   | 0.54%  | 0.038% |
| 211 | 13.084 | 13.074 | 13.104 | HH | 252    | 3263    | 0.08%  | 0.006% |
| 212 | 13.118 | 13.104 | 13.146 | HH | 253    | 4261    | 0.10%  | 0.007% |
| 213 | 13.198 | 13.146 | 13.212 | HH | 399    | 7106    | 0.17%  | 0.012% |
| 214 | 13.248 | 13.212 | 13.266 | HH | 1216   | 18763   | 0.46%  | 0.032% |
| 215 | 13.320 | 13.266 | 13.429 | HH | 3202   | 121332  | 2.95%  | 0.208% |
| 216 | 13.445 | 13.429 | 13.462 | HH | 1267   | 18900   | 0.46%  | 0.032% |
| 217 | 13.478 | 13.462 | 13.617 | HH | 24574  | 371565  | 9.03%  | 0.636% |
| 218 | 13.644 | 13.617 | 13.722 | HH | 930    | 41382   | 1.01%  | 0.071% |
| 219 | 13.787 | 13.722 | 13.811 | HH | 1461   | 35427   | 0.86%  | 0.061% |
| 220 | 13.835 | 13.811 | 13.876 | HH | 2226   | 40543   | 0.99%  | 0.069% |
| 221 | 13.891 | 13.876 | 13.936 | HH | 625    | 17270   | 0.42%  | 0.030% |
| 222 | 13.946 | 13.936 | 13.990 | HH | 504    | 12679   | 0.31%  | 0.022% |
| 223 | 13.997 | 13.990 | 14.011 | HH | 374    | 4526    | 0.11%  | 0.008% |
| 224 | 14.018 | 14.011 | 14.026 | HH | 427    | 3415    | 0.08%  | 0.006% |
| 225 | 14.071 | 14.026 | 14.104 | HH | 639    | 22807   | 0.55%  | 0.039% |
| 226 | 14.126 | 14.104 | 14.158 | HH | 490    | 13769   | 0.33%  | 0.024% |
| 227 | 14.169 | 14.158 | 14.182 | HH | 534    | 6466    | 0.16%  | 0.011% |
| 228 | 14.230 | 14.182 | 14.259 | HH | 2986   | 63200   | 1.54%  | 0.108% |
| 229 | 14.269 | 14.259 | 14.301 | HH | 1321   | 21957   | 0.53%  | 0.038% |
| 230 | 14.312 | 14.301 | 14.369 | HH | 713    | 24113   | 0.59%  | 0.041% |
| 231 | 14.403 | 14.369 | 14.437 | HH | 2534   | 55131   | 1.34%  | 0.094% |
| 232 | 14.458 | 14.437 | 14.489 | HH | 2487   | 47363   | 1.15%  | 0.081% |
| 233 | 14.498 | 14.489 | 14.573 | HH | 1035   | 38554   | 0.94%  | 0.066% |
| 234 | 14.620 | 14.573 | 14.696 | HH | 1534   | 58025   | 1.41%  | 0.099% |
| 235 | 14.737 | 14.696 | 14.774 | HH | 108202 | 1490125 | 36.20% | 2.550% |
| 236 | 14.785 | 14.774 | 14.827 | HH | 1814   | 39723   | 0.97%  | 0.068% |
| 237 | 14.835 | 14.827 | 14.855 | HH | 862    | 13093   | 0.32%  | 0.022% |
| 238 | 14.906 | 14.855 | 14.916 | HH | 1476   | 39124   | 0.95%  | 0.067% |
| 239 | 14.939 | 14.916 | 14.964 | HH | 3626   | 62671   | 1.52%  | 0.107% |
| 240 | 14.986 | 14.964 | 15.040 | HH | 1643   | 48991   | 1.19%  | 0.084% |
| 241 | 15.073 | 15.040 | 15.109 | HH | 958    | 35930   | 0.87%  | 0.061% |
| 242 | 15.135 | 15.109 | 15.164 | HH | 1143   | 31899   | 0.78%  | 0.055% |
| 243 | 15.171 | 15.164 | 15.194 | HH | 920    | 16357   | 0.40%  | 0.028% |
| 244 | 15.202 | 15.194 | 15.216 | HH | 939    | 11972   | 0.29%  | 0.020% |
| 245 | 15.239 | 15.216 | 15.255 | HH | 1277   | 26174   | 0.64%  | 0.045% |
| 246 | 15.322 | 15.255 | 15.431 | HH | 58184  | 974175  | 23.67% | 1.667% |

|     |        |        |        |    | rteres |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
| 247 | 15.462 | 15.431 | 15.502 | HH | 4558   | 107703 | 2.62%  | 0.184% |
| 248 | 15.539 | 15.502 | 15.580 | HH | 4527   | 112840 | 2.74%  | 0.193% |
| 249 | 15.592 | 15.580 | 15.616 | HH | 1483   | 31089  | 0.76%  | 0.053% |
| 250 | 15.639 | 15.616 | 15.652 | HH | 1485   | 30136  | 0.73%  | 0.052% |
| 251 | 15.659 | 15.652 | 15.671 | HH | 1451   | 15525  | 0.38%  | 0.027% |
| 252 | 15.715 | 15.671 | 15.751 | HH | 1751   | 73825  | 1.79%  | 0.126% |
| 253 | 15.788 | 15.751 | 15.809 | HH | 1970   | 61233  | 1.49%  | 0.105% |
| 254 | 15.844 | 15.809 | 15.905 | HH | 3226   | 128433 | 3.12%  | 0.220% |
| 255 | 15.964 | 15.905 | 15.993 | HH | 5840   | 150102 | 3.65%  | 0.257% |
| 256 | 16.029 | 15.993 | 16.082 | HH | 2136   | 108282 | 2.63%  | 0.185% |
| 257 | 16.091 | 16.082 | 16.117 | HH | 2400   | 42945  | 1.04%  | 0.073% |
| 258 | 16.164 | 16.117 | 16.225 | HH | 2255   | 137225 | 3.33%  | 0.235% |
| 259 | 16.264 | 16.225 | 16.291 | HH | 3880   | 113574 | 2.76%  | 0.194% |
| 260 | 16.301 | 16.291 | 16.314 | HH | 2658   | 36399  | 0.88%  | 0.062% |
| 261 | 16.342 | 16.314 | 16.382 | HH | 6931   | 174669 | 4.24%  | 0.299% |
| 262 | 16.395 | 16.382 | 16.421 | HH | 2814   | 64635  | 1.57%  | 0.111% |
| 263 | 16.449 | 16.421 | 16.501 | HH | 6419   | 176385 | 4.29%  | 0.302% |
| 264 | 16.541 | 16.501 | 16.552 | HH | 4214   | 110018 | 2.67%  | 0.188% |
| 265 | 16.579 | 16.552 | 16.634 | HH | 49957  | 768645 | 18.67% | 1.315% |
| 266 | 16.646 | 16.634 | 16.679 | HH | 3853   | 91606  | 2.23%  | 0.157% |
| 267 | 16.716 | 16.679 | 16.732 | HH | 3960   | 111145 | 2.70%  | 0.190% |
| 268 | 16.746 | 16.732 | 16.789 | HH | 3829   | 125133 | 3.04%  | 0.214% |
| 269 | 16.827 | 16.789 | 16.858 | HH | 3726   | 144462 | 3.51%  | 0.247% |
| 270 | 16.917 | 16.858 | 16.937 | HH | 7963   | 222431 | 5.40%  | 0.381% |
| 271 | 16.966 | 16.937 | 17.019 | HH | 35145  | 586343 | 14.25% | 1.003% |
| 272 | 17.081 | 17.019 | 17.100 | HH | 3960   | 181466 | 4.41%  | 0.310% |
| 273 | 17.126 | 17.100 | 17.134 | HH | 3860   | 76244  | 1.85%  | 0.130% |
| 274 | 17.189 | 17.134 | 17.222 | HH | 4227   | 208113 | 5.06%  | 0.356% |
| 275 | 17.285 | 17.222 | 17.331 | HH | 5411   | 298311 | 7.25%  | 0.510% |
| 276 | 17.366 | 17.331 | 17.407 | HH | 8761   | 260063 | 6.32%  | 0.445% |
| 277 | 17.418 | 17.407 | 17.427 | HH | 4349   | 51652  | 1.25%  | 0.088% |
| 278 | 17.454 | 17.427 | 17.474 | HH | 5224   | 132846 | 3.23%  | 0.227% |
| 279 | 17.496 | 17.474 | 17.517 | HH | 4901   | 124415 | 3.02%  | 0.213% |
| 280 | 17.533 | 17.517 | 17.569 | HH | 5229   | 152493 | 3.70%  | 0.261% |
| 281 | 17.592 | 17.569 | 17.624 | HH | 4941   | 160957 | 3.91%  | 0.275% |
| 282 | 17.649 | 17.624 | 17.669 | HH | 5187   | 134424 | 3.27%  | 0.230% |
| 283 | 17.698 | 17.669 | 17.709 | HH | 5245   | 123608 | 3.00%  | 0.211% |
| 284 | 17.760 | 17.709 | 17.781 | HH | 6148   | 244181 | 5.93%  | 0.418% |
| 285 | 17.806 | 17.781 | 17.844 | HH | 10342  | 276444 | 6.72%  | 0.473% |
| 286 | 17.896 | 17.844 | 17.937 | HH | 6833   | 340805 | 8.28%  | 0.583% |
| 287 | 17.961 | 17.937 | 17.984 | HH | 6878   | 179666 | 4.37%  | 0.307% |
| 288 | 18.041 | 17.984 | 18.071 | HH | 6767   | 336212 | 8.17%  | 0.575% |
| 289 | 18.078 | 18.071 | 18.101 | HH | 6665   | 117327 | 2.85%  | 0.201% |
| 290 | 18.169 | 18.101 | 18.208 | HH | 25419  | 798529 | 19.40% | 1.366% |
| 291 | 18.231 | 18.208 | 18.269 | HH | 12717  | 353213 | 8.58%  | 0.604% |
| 292 | 18.294 | 18.269 | 18.307 | HH | 7586   | 173071 | 4.20%  | 0.296% |
| 293 | 18.332 | 18.307 | 18.399 | HH | 9073   | 447256 | 10.87% | 0.765% |
| 294 | 18.462 | 18.399 | 18.482 | HH | 8427   | 405777 | 9.86%  | 0.694% |
| 295 | 18.532 | 18.482 | 18.567 | HH | 8572   | 424413 | 10.31% | 0.726% |
| 296 | 18.594 | 18.567 | 18.603 | HH | 9259   | 192629 | 4.68%  | 0.330% |
| 297 | 18.639 | 18.603 | 18.689 | HH | 14862  | 570121 | 13.85% | 0.975% |
| 298 | 18.739 | 18.689 | 18.782 | HH | 11038  | 573610 | 13.94% | 0.981% |
| 299 | 18.803 | 18.782 | 18.825 | HH | 10504  | 263994 | 6.41%  | 0.452% |

|     |        |        |        |     |                         |         |          |        |
|-----|--------|--------|--------|-----|-------------------------|---------|----------|--------|
|     |        |        |        |     | rteres                  |         |          |        |
| 300 | 18.838 | 18.825 | 18.870 | HH  | 10387                   | 277683  | 6.75%    | 0.475% |
| 301 | 18.918 | 18.870 | 18.929 | HH  | 10863                   | 376315  | 9.14%    | 0.644% |
| 302 | 19.001 | 18.929 | 19.027 | HH  | 21839                   | 855408  | 20.78%   | 1.464% |
| 303 | 19.037 | 19.027 | 19.091 | HH  | 15951                   | 543169  | 13.20%   | 0.929% |
| 304 | 19.139 | 19.091 | 19.157 | HH  | 13843                   | 517971  | 12.58%   | 0.886% |
| 305 | 19.207 | 19.157 | 19.216 | HH  | 13144                   | 459144  | 11.16%   | 0.786% |
| 306 | 19.241 | 19.216 | 19.269 | HH  | 14644                   | 440550  | 10.70%   | 0.754% |
| 307 | 19.294 | 19.269 | 19.312 | HH  | 13643                   | 347791  | 8.45%    | 0.595% |
| 308 | 19.339 | 19.312 | 19.359 | HH  | 14411                   | 395921  | 9.62%    | 0.677% |
| 309 | 19.427 | 19.359 | 19.456 | HH  | 18281                   | 892652  | 21.69%   | 1.527% |
| 310 | 19.496 | 19.456 | 19.505 | HH  | 16189                   | 455602  | 11.07%   | 0.780% |
| 311 | 19.538 | 19.505 | 19.576 | HH  | 17158                   | 705855  | 17.15%   | 1.208% |
| 312 | 19.611 | 19.576 | 19.639 | HH  | 17689                   | 641056  | 15.57%   | 1.097% |
| 313 | 19.714 | 19.639 | 19.746 | HH  | 18296                   | 1114283 | 27.07%   | 1.907% |
| 314 | 19.800 | 19.746 | 19.824 | HH  | 23106                   | 938415  | 22.80%   | 1.606% |
| 315 | 19.836 | 19.824 | 19.869 | HH  | 19694                   | 518222  | 12.59%   | 0.887% |
| 316 | 19.903 | 19.869 | 19.936 | HH  | 21664                   | 819798  | 19.92%   | 1.403% |
| 317 | 19.950 | 19.936 | 19.962 | HH  | 20240                   | 322457  | 7.83%    | 0.552% |
| 318 | 20.064 | 19.962 | 20.102 | HH  | 23966                   | 1843226 | 44.78%   | 3.154% |
| 319 | 20.171 | 20.102 | 20.234 | HH  | 25755                   | 1893597 | 46.01%   | 3.240% |
| 320 | 20.277 | 20.234 | 20.301 | HH  | 25189                   | 989603  | 24.04%   | 1.693% |
| 321 | 20.335 | 20.301 | 20.366 | HH  | 30685                   | 1071020 | 26.02%   | 1.833% |
| 322 | 20.406 | 20.366 | 20.451 | HH  | 27305                   | 1379369 | 33.51%   | 2.360% |
| 323 | 20.543 | 20.451 | 20.604 | HH  | 30689                   | 2629798 | 63.89%   | 4.500% |
| 324 | 20.641 | 20.604 | 20.672 | HH  | 29943                   | 1182503 | 28.73%   | 2.023% |
| 325 | 20.696 | 20.672 | 20.760 | HH  | 29033                   | 1508927 | 36.66%   | 2.582% |
| 326 | 20.854 | 20.760 | 20.892 | HH  | 29236                   | 2290062 | 55.64%   | 3.918% |
| 327 | 20.927 | 20.892 | 21.014 | HH  | 30698                   | 2136010 | 51.90%   | 3.655% |
| 328 | 21.050 | 21.014 | 21.211 | HH  | 28908                   | 3364823 | 81.75%   | 5.757% |
| 329 | 21.254 | 21.211 | 21.305 | HH  | 28878                   | 1590906 | 38.65%   | 2.722% |
| 330 | 21.370 | 21.305 | 21.473 | HH  | 29627                   | 2898630 | 70.42%   | 4.960% |
| 331 | 21.510 | 21.473 | 21.584 | HH  | 28711                   | 1889108 | 45.90%   | 3.232% |
| 332 | 21.615 | 21.584 | 21.699 | HH  | 28280                   | 1930216 | 46.90%   | 3.303% |
| 333 | 21.709 | 21.699 | 21.721 | HH  | 27846                   | 367034  | 8.92%    | 0.628% |
| 334 | 21.874 | 21.721 | 21.961 | HHA | 29491                   | 4115929 | 100.00%  | 7.042% |
|     |        |        |        |     | Sum of corrected areas: |         | 58444319 |        |

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