

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG121021\  
 Data File : FG009203.D  
 Signal(s) : FID1A.ch  
 Acq On : 10 Dec 2021 18:14  
 Sample : M4989-14  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG112321.M  
 Title :

Signal : FID1A.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         | 4.413       | 4.400        | 4.430      | BH       | 52             | -72          | -0.00%         | -0.000%       |
| 2         | 4.441       | 4.430        | 4.457      | PH       | 81             | 394          | 0.01%          | 0.001%        |
| 3         | 4.461       | 4.457        | 4.470      | PH       | 80             | 22           | 0.00%          | 0.000%        |
| 4         | 4.474       | 4.470        | 4.500      | PH       | 58             | -241         | -0.01%         | -0.001%       |
| 5         | 4.505       | 4.500        | 4.516      | PH       | 70             | -15          | -0.00%         | -0.000%       |
| 6         | 4.522       | 4.516        | 4.539      | PH       | 78             | 593          | 0.02%          | 0.002%        |
| 7         | 4.542       | 4.539        | 4.561      | PH       | 9              | -307         | -0.01%         | -0.001%       |
| 8         | 4.566       | 4.561        | 4.570      | PH       | -62            | -491         | -0.02%         | -0.001%       |
| 9         | 4.607       | 4.570        | 4.618      | PH       | 151            | -542         | -0.02%         | -0.002%       |
| 10        | 4.631       | 4.618        | 4.635      | PH       | 122            | 647          | 0.02%          | 0.002%        |
| 11        | 4.640       | 4.635        | 4.645      | HH       | 234            | 854          | 0.03%          | 0.003%        |
| 12        | 4.653       | 4.645        | 4.664      | HH       | 158            | 1373         | 0.05%          | 0.004%        |
| 13        | 4.669       | 4.664        | 4.701      | PH       | 38             | -1102        | -0.04%         | -0.003%       |
| 14        | 4.721       | 4.701        | 4.750      | PH       | 108            | -2069        | -0.08%         | -0.006%       |
| 15        | 4.767       | 4.750        | 4.779      | PH       | -148           | -4193        | -0.15%         | -0.013%       |
| 16        | 4.787       | 4.779        | 4.801      | PH       | -147           | -3198        | -0.12%         | -0.010%       |
| 17        | 4.816       | 4.801        | 4.862      | PH       | -133           | -9484        | -0.35%         | -0.028%       |
| 18        | 4.876       | 4.862        | 4.906      | PH       | -246           | -9253        | -0.34%         | -0.028%       |
| 19        | 4.911       | 4.906        | 4.916      | PH       | -350           | -2389        | -0.09%         | -0.007%       |
| 20        | 4.920       | 4.916        | 4.930      | PH       | -328           | -3200        | -0.12%         | -0.010%       |
| 21        | 4.933       | 4.930        | 4.945      | PH       | -367           | -3691        | -0.14%         | -0.011%       |
| 22        | 4.951       | 4.945        | 4.961      | PH       | -364           | -3859        | -0.14%         | -0.012%       |
| 23        | 4.970       | 4.961        | 4.983      | PH       | -345           | -5625        | -0.21%         | -0.017%       |
| 24        | 4.990       | 4.983        | 4.996      | PH       | -362           | -3437        | -0.13%         | -0.010%       |
| 25        | 5.000       | 4.996        | 5.004      | PH       | -450           | -2142        | -0.08%         | -0.006%       |
| 26        | 5.016       | 5.004        | 5.035      | PH       | -259           | -6238        | -0.23%         | -0.019%       |
| 27        | 5.038       | 5.035        | 5.044      | PH       | -348           | -2140        | -0.08%         | -0.006%       |
| 28        | 5.048       | 5.044        | 5.054      | PH       | -349           | -2634        | -0.10%         | -0.008%       |
| 29        | 5.073       | 5.054        | 5.084      | PH       | -278           | -6768        | -0.25%         | -0.020%       |
| 30        | 5.120       | 5.084        | 5.163      | PH       | 89             | -7729        | -0.28%         | -0.023%       |
| 31        | 5.167       | 5.163        | 5.184      | PH       | -164           | -2482        | -0.09%         | -0.007%       |
| 32        | 5.200       | 5.184        | 5.233      | PH       | -143           | -6407        | -0.24%         | -0.019%       |
| 33        | 5.240       | 5.233        | 5.261      | PH       | -186           | -4006        | -0.15%         | -0.012%       |
| 34        | 5.265       | 5.261        | 5.322      | PH       | -251           | -13131       | -0.48%         | -0.039%       |
| 35        | 5.330       | 5.322        | 5.336      | PH       | -327           | -3331        | -0.12%         | -0.010%       |
| 36        | 5.345       | 5.336        | 5.365      | PH       | -312           | -6479        | -0.24%         | -0.019%       |

|    |       |       |       |    | rteres |        |        |         |
|----|-------|-------|-------|----|--------|--------|--------|---------|
| 37 | 5.368 | 5.365 | 5.376 | PH | -263   | -2476  | -0.09% | -0.007% |
| 38 | 5.388 | 5.376 | 5.400 | PH | -308   | -5529  | -0.20% | -0.017% |
| 39 | 5.407 | 5.400 | 5.438 | PH | -334   | -8983  | -0.33% | -0.027% |
| 40 | 5.441 | 5.438 | 5.461 | PH | -358   | -5982  | -0.22% | -0.018% |
|    |       |       |       |    |        |        |        |         |
| 41 | 5.465 | 5.461 | 5.472 | PH | -426   | -3176  | -0.12% | -0.010% |
| 42 | 5.481 | 5.472 | 5.486 | PH | -397   | -3812  | -0.14% | -0.011% |
| 43 | 5.495 | 5.486 | 5.510 | PH | -330   | -6078  | -0.22% | -0.018% |
| 44 | 5.514 | 5.510 | 5.518 | PH | -414   | -2022  | -0.07% | -0.006% |
| 45 | 5.541 | 5.518 | 5.574 | PH | -210   | -11246 | -0.41% | -0.034% |
|    |       |       |       |    |        |        |        |         |
| 46 | 5.578 | 5.574 | 5.586 | PH | -349   | -2971  | -0.11% | -0.009% |
| 47 | 5.587 | 5.586 | 5.591 | PH | -367   | -1358  | -0.05% | -0.004% |
| 48 | 5.597 | 5.591 | 5.610 | PH | -352   | -5170  | -0.19% | -0.015% |
| 49 | 5.633 | 5.610 | 5.649 | PH | -384   | -10441 | -0.38% | -0.031% |
| 50 | 5.653 | 5.649 | 5.682 | PH | -409   | -9548  | -0.35% | -0.029% |
|    |       |       |       |    |        |        |        |         |
| 51 | 5.691 | 5.682 | 5.696 | PH | -461   | -3956  | -0.15% | -0.012% |
| 52 | 5.699 | 5.696 | 5.712 | PH | -483   | -5173  | -0.19% | -0.015% |
| 53 | 5.716 | 5.712 | 5.728 | PH | -476   | -5173  | -0.19% | -0.015% |
| 54 | 5.732 | 5.728 | 5.736 | PH | -492   | -2604  | -0.10% | -0.008% |
| 55 | 5.751 | 5.736 | 5.778 | PH | -424   | -12735 | -0.47% | -0.038% |
|    |       |       |       |    |        |        |        |         |
| 56 | 5.783 | 5.778 | 5.790 | PH | -410   | -3539  | -0.13% | -0.011% |
| 57 | 5.799 | 5.790 | 5.812 | PH | -362   | -6189  | -0.23% | -0.019% |
| 58 | 5.817 | 5.812 | 5.839 | PH | -439   | -8276  | -0.30% | -0.025% |
| 59 | 5.853 | 5.839 | 5.878 | PH | -335   | -10284 | -0.38% | -0.031% |
| 60 | 5.880 | 5.878 | 5.925 | PH | -441   | -16073 | -0.59% | -0.048% |
|    |       |       |       |    |        |        |        |         |
| 61 | 5.947 | 5.925 | 5.961 | PH | -463   | -12075 | -0.44% | -0.036% |
| 62 | 5.972 | 5.961 | 5.989 | PH | -496   | -9821  | -0.36% | -0.029% |
| 63 | 5.996 | 5.989 | 6.016 | PH | -524   | -9849  | -0.36% | -0.029% |
| 64 | 6.020 | 6.016 | 6.028 | PH | -586   | -4630  | -0.17% | -0.014% |
| 65 | 6.057 | 6.028 | 6.084 | PH | -432   | -18777 | -0.69% | -0.056% |
|    |       |       |       |    |        |        |        |         |
| 66 | 6.088 | 6.084 | 6.106 | PH | -530   | -7468  | -0.27% | -0.022% |
| 67 | 6.121 | 6.106 | 6.126 | PH | -529   | -6825  | -0.25% | -0.020% |
| 68 | 6.138 | 6.126 | 6.154 | PH | -471   | -8803  | -0.32% | -0.026% |
| 69 | 6.174 | 6.154 | 6.208 | PH | 1873   | 6734   | 0.25%  | 0.020%  |
| 70 | 6.217 | 6.208 | 6.223 | PH | -507   | -5308  | -0.20% | -0.016% |
|    |       |       |       |    |        |        |        |         |
| 71 | 6.225 | 6.223 | 6.236 | PH | -523   | -4826  | -0.18% | -0.014% |
| 72 | 6.243 | 6.236 | 6.253 | PH | -505   | -5959  | -0.22% | -0.018% |
| 73 | 6.267 | 6.253 | 6.287 | PH | -556   | -12980 | -0.48% | -0.039% |
| 74 | 6.306 | 6.287 | 6.316 | PH | -594   | -11169 | -0.41% | -0.033% |
| 75 | 6.322 | 6.316 | 6.333 | PH | -569   | -6196  | -0.23% | -0.019% |
|    |       |       |       |    |        |        |        |         |
| 76 | 6.335 | 6.333 | 6.354 | PH | -600   | -7966  | -0.29% | -0.024% |
| 77 | 6.362 | 6.354 | 6.420 | PH | -527   | -24742 | -0.91% | -0.074% |
| 78 | 6.425 | 6.420 | 6.431 | PH | -503   | -3764  | -0.14% | -0.011% |
| 79 | 6.438 | 6.431 | 6.447 | PH | -608   | -6646  | -0.24% | -0.020% |
| 80 | 6.451 | 6.447 | 6.457 | PH | -628   | -3601  | -0.13% | -0.011% |
|    |       |       |       |    |        |        |        |         |
| 81 | 6.481 | 6.457 | 6.494 | PH | -540   | -13422 | -0.49% | -0.040% |
| 82 | 6.498 | 6.494 | 6.504 | PH | -525   | -3116  | -0.11% | -0.009% |
| 83 | 6.508 | 6.504 | 6.512 | PH | -500   | -2537  | -0.09% | -0.008% |
| 84 | 6.516 | 6.512 | 6.531 | PH | -523   | -6483  | -0.24% | -0.019% |
| 85 | 6.535 | 6.531 | 6.547 | PH | -488   | -5140  | -0.19% | -0.015% |
|    |       |       |       |    |        |        |        |         |
| 86 | 6.552 | 6.547 | 6.581 | PH | -525   | -11932 | -0.44% | -0.036% |
| 87 | 6.585 | 6.581 | 6.591 | PH | -564   | -3916  | -0.14% | -0.012% |
| 88 | 6.613 | 6.591 | 6.682 | PH | -491   | -33384 | -1.23% | -0.100% |
| 89 | 6.689 | 6.682 | 6.706 | PH | -584   | -9013  | -0.33% | -0.027% |

|     |       |       |       |    |        |        |        |         |
|-----|-------|-------|-------|----|--------|--------|--------|---------|
|     |       |       |       |    | rteres |        |        |         |
| 90  | 6.712 | 6.706 | 6.732 | PH | -610   | -10103 | -0.37% | -0.030% |
| 91  | 6.734 | 6.732 | 6.765 | PH | -544   | -12196 | -0.45% | -0.037% |
| 92  | 6.770 | 6.765 | 6.776 | PH | -643   | -4461  | -0.16% | -0.013% |
| 93  | 6.781 | 6.776 | 6.791 | PH | -630   | -5952  | -0.22% | -0.018% |
| 94  | 6.798 | 6.791 | 6.812 | PH | -566   | -7832  | -0.29% | -0.023% |
| 95  | 6.841 | 6.812 | 6.851 | PH | -576   | -14425 | -0.53% | -0.043% |
| 96  | 6.854 | 6.851 | 6.866 | PH | -496   | -5203  | -0.19% | -0.016% |
| 97  | 6.869 | 6.866 | 6.893 | PH | -569   | -10498 | -0.39% | -0.031% |
| 98  | 6.921 | 6.893 | 6.945 | PH | -613   | -20504 | -0.76% | -0.061% |
| 99  | 6.951 | 6.945 | 6.956 | PH | -632   | -4521  | -0.17% | -0.014% |
| 100 | 6.980 | 6.956 | 6.994 | PH | -417   | -12158 | -0.45% | -0.036% |
| 101 | 6.998 | 6.994 | 7.005 | PH | -418   | -3420  | -0.13% | -0.010% |
| 102 | 7.011 | 7.005 | 7.027 | PH | -522   | -7221  | -0.27% | -0.022% |
| 103 | 7.032 | 7.027 | 7.048 | PH | -507   | -6939  | -0.26% | -0.021% |
| 104 | 7.096 | 7.048 | 7.118 | PH | -25    | -17841 | -0.66% | -0.053% |
| 105 | 7.134 | 7.118 | 7.141 | PH | -404   | -6455  | -0.24% | -0.019% |
| 106 | 7.168 | 7.141 | 7.212 | PH | -184   | -18490 | -0.68% | -0.055% |
| 107 | 7.219 | 7.212 | 7.237 | PH | -530   | -8583  | -0.32% | -0.026% |
| 108 | 7.249 | 7.237 | 7.253 | PH | -552   | -5430  | -0.20% | -0.016% |
| 109 | 7.262 | 7.253 | 7.276 | PH | -532   | -7949  | -0.29% | -0.024% |
| 110 | 7.277 | 7.276 | 7.292 | PH | -548   | -5962  | -0.22% | -0.018% |
| 111 | 7.321 | 7.292 | 7.330 | PH | -472   | -13429 | -0.49% | -0.040% |
| 112 | 7.354 | 7.330 | 7.362 | PH | -485   | -11044 | -0.41% | -0.033% |
| 113 | 7.367 | 7.362 | 7.374 | PH | -473   | -3744  | -0.14% | -0.011% |
| 114 | 7.402 | 7.374 | 7.499 | PH | 1096   | -1497  | -0.06% | -0.004% |
| 115 | 7.520 | 7.499 | 7.541 | PH | -190   | -7815  | -0.29% | -0.023% |
| 116 | 7.548 | 7.541 | 7.554 | PH | -323   | -2718  | -0.10% | -0.008% |
| 117 | 7.562 | 7.554 | 7.569 | PH | -252   | -2788  | -0.10% | -0.008% |
| 118 | 7.571 | 7.569 | 7.592 | PH | -252   | -5981  | -0.22% | -0.018% |
| 119 | 7.608 | 7.592 | 7.620 | PH | -333   | -7657  | -0.28% | -0.023% |
| 120 | 7.650 | 7.620 | 7.665 | PH | -348   | -12043 | -0.44% | -0.036% |
| 121 | 7.692 | 7.665 | 7.756 | PH | -246   | -23240 | -0.86% | -0.070% |
| 122 | 7.762 | 7.756 | 7.779 | PH | -447   | -6899  | -0.25% | -0.021% |
| 123 | 7.804 | 7.779 | 7.827 | PH | -226   | -11908 | -0.44% | -0.036% |
| 124 | 7.861 | 7.827 | 7.864 | PH | 291    | -1414  | -0.05% | -0.004% |
| 125 | 7.875 | 7.864 | 7.905 | HH | 371    | 3682   | 0.14%  | 0.011%  |
| 126 | 7.918 | 7.905 | 7.944 | PH | 175    | -660   | -0.02% | -0.002% |
| 127 | 7.966 | 7.944 | 7.999 | PH | 711    | 5796   | 0.21%  | 0.017%  |
| 128 | 8.022 | 7.999 | 8.027 | PH | 392    | 1931   | 0.07%  | 0.006%  |
| 129 | 8.049 | 8.027 | 8.071 | HH | 1026   | 19538  | 0.72%  | 0.058%  |
| 130 | 8.085 | 8.071 | 8.171 | HH | 1089   | 13971  | 0.51%  | 0.042%  |
| 131 | 8.181 | 8.171 | 8.190 | PH | -106   | -1876  | -0.07% | -0.006% |
| 132 | 8.195 | 8.190 | 8.207 | PH | -64    | -1411  | -0.05% | -0.004% |
| 133 | 8.230 | 8.207 | 8.247 | PH | 16     | -1991  | -0.07% | -0.006% |
| 134 | 8.273 | 8.247 | 8.354 | PH | 4040   | 86753  | 3.19%  | 0.260%  |
| 135 | 8.358 | 8.354 | 8.363 | HH | 266    | 1347   | 0.05%  | 0.004%  |
| 136 | 8.366 | 8.363 | 8.370 | HH | 268    | 985    | 0.04%  | 0.003%  |
| 137 | 8.392 | 8.370 | 8.410 | HH | 321    | 6082   | 0.22%  | 0.018%  |
| 138 | 8.415 | 8.410 | 8.439 | HH | 293    | 1785   | 0.07%  | 0.005%  |
| 139 | 8.442 | 8.439 | 8.473 | PH | 44     | -758   | -0.03% | -0.002% |
| 140 | 8.476 | 8.473 | 8.495 | PH | -70    | -1512  | -0.06% | -0.005% |
| 141 | 8.521 | 8.495 | 8.537 | PH | 8      | -1925  | -0.07% | -0.006% |

|     |        |        |        |    | rteres |        |        |         |
|-----|--------|--------|--------|----|--------|--------|--------|---------|
| 142 | 8.541  | 8.537  | 8.547  | PH | -83    | -714   | -0.03% | -0.002% |
| 143 | 8.556  | 8.547  | 8.579  | PH | -64    | -2191  | -0.08% | -0.007% |
| 144 | 8.585  | 8.579  | 8.614  | PH | -75    | -3088  | -0.11% | -0.009% |
| 145 | 8.636  | 8.614  | 8.669  | PH | 1613   | 21968  | 0.81%  | 0.066%  |
| 146 | 8.706  | 8.669  | 8.737  | HH | 641    | 13853  | 0.51%  | 0.041%  |
| 147 | 8.746  | 8.737  | 8.769  | HH | 503    | 7541   | 0.28%  | 0.023%  |
| 148 | 8.806  | 8.769  | 8.850  | HH | 2052   | 50129  | 1.85%  | 0.150%  |
| 149 | 8.859  | 8.850  | 8.913  | HH | 646    | 10195  | 0.38%  | 0.031%  |
| 150 | 8.932  | 8.913  | 8.939  | PH | 88     | 153    | 0.01%  | 0.000%  |
| 151 | 8.953  | 8.939  | 8.989  | PH | 103    | -1748  | -0.06% | -0.005% |
| 152 | 9.017  | 8.989  | 9.050  | PH | 1962   | 26509  | 0.98%  | 0.079%  |
| 153 | 9.058  | 9.050  | 9.072  | HH | 378    | 4228   | 0.16%  | 0.013%  |
| 154 | 9.097  | 9.072  | 9.166  | HH | 3327   | 65937  | 2.43%  | 0.197%  |
| 155 | 9.180  | 9.166  | 9.211  | HH | 252    | 2846   | 0.10%  | 0.009%  |
| 156 | 9.217  | 9.211  | 9.232  | PH | 78     | 19     | 0.00%  | 0.000%  |
| 157 | 9.238  | 9.232  | 9.252  | PH | 8      | -799   | -0.03% | -0.002% |
| 158 | 9.278  | 9.252  | 9.334  | PH | 21     | -6020  | -0.22% | -0.018% |
| 159 | 9.353  | 9.334  | 9.389  | PH | 559    | 7869   | 0.29%  | 0.024%  |
| 160 | 9.391  | 9.389  | 9.406  | HH | 236    | 786    | 0.03%  | 0.002%  |
| 161 | 9.410  | 9.406  | 9.425  | PH | 21     | -516   | -0.02% | -0.002% |
| 162 | 9.437  | 9.425  | 9.447  | PH | -43    | -1007  | -0.04% | -0.003% |
| 163 | 9.471  | 9.447  | 9.503  | PH | 417    | 6086   | 0.22%  | 0.018%  |
| 164 | 9.523  | 9.503  | 9.539  | PH | 567    | 8324   | 0.31%  | 0.025%  |
| 165 | 9.547  | 9.539  | 9.580  | HH | 465    | 7033   | 0.26%  | 0.021%  |
| 166 | 9.604  | 9.580  | 9.644  | PH | 606    | 10861  | 0.40%  | 0.033%  |
| 167 | 9.656  | 9.644  | 9.676  | HH | 302    | 2990   | 0.11%  | 0.009%  |
| 168 | 9.679  | 9.676  | 9.687  | PH | 46     | -90    | -0.00% | -0.000% |
| 169 | 9.712  | 9.687  | 9.771  | PH | 1938   | 25996  | 0.96%  | 0.078%  |
| 170 | 9.799  | 9.771  | 9.814  | PH | 612    | 8517   | 0.31%  | 0.025%  |
| 171 | 9.820  | 9.814  | 9.827  | HH | 425    | 3230   | 0.12%  | 0.010%  |
| 172 | 9.832  | 9.827  | 9.854  | HH | 508    | 6389   | 0.24%  | 0.019%  |
| 173 | 9.877  | 9.854  | 9.921  | HH | 3209   | 51772  | 1.91%  | 0.155%  |
| 174 | 9.942  | 9.921  | 9.972  | HH | 665    | 13210  | 0.49%  | 0.040%  |
| 175 | 9.978  | 9.972  | 9.991  | HH | 301    | 2750   | 0.10%  | 0.008%  |
| 176 | 10.009 | 9.991  | 10.018 | HH | 544    | 5799   | 0.21%  | 0.017%  |
| 177 | 10.021 | 10.018 | 10.026 | HH | 500    | 2334   | 0.09%  | 0.007%  |
| 178 | 10.048 | 10.026 | 10.130 | HH | 19210  | 288807 | 10.63% | 0.865%  |
| 179 | 10.146 | 10.130 | 10.185 | HH | 753    | 15570  | 0.57%  | 0.047%  |
| 180 | 10.217 | 10.185 | 10.240 | HH | 2601   | 39857  | 1.47%  | 0.119%  |
| 181 | 10.263 | 10.240 | 10.287 | HH | 2018   | 36086  | 1.33%  | 0.108%  |
| 182 | 10.307 | 10.287 | 10.331 | HH | 1258   | 26443  | 0.97%  | 0.079%  |
| 183 | 10.357 | 10.331 | 10.381 | HH | 1619   | 35019  | 1.29%  | 0.105%  |
| 184 | 10.398 | 10.381 | 10.429 | HH | 3492   | 56275  | 2.07%  | 0.168%  |
| 185 | 10.439 | 10.429 | 10.474 | HH | 1261   | 24253  | 0.89%  | 0.073%  |
| 186 | 10.505 | 10.474 | 10.510 | HH | 1726   | 28983  | 1.07%  | 0.087%  |
| 187 | 10.519 | 10.510 | 10.532 | HH | 1862   | 21966  | 0.81%  | 0.066%  |
| 188 | 10.547 | 10.532 | 10.584 | HH | 2405   | 53519  | 1.97%  | 0.160%  |
| 189 | 10.617 | 10.584 | 10.654 | HH | 3699   | 87433  | 3.22%  | 0.262%  |
| 190 | 10.685 | 10.654 | 10.723 | HH | 2780   | 81860  | 3.01%  | 0.245%  |
| 191 | 10.746 | 10.723 | 10.786 | HH | 2629   | 81409  | 3.00%  | 0.244%  |
| 192 | 10.812 | 10.786 | 10.819 | HH | 2011   | 37453  | 1.38%  | 0.112%  |
| 193 | 10.825 | 10.819 | 10.851 | HH | 2014   | 34828  | 1.28%  | 0.104%  |
| 194 | 10.870 | 10.851 | 10.889 | HH | 2112   | 42706  | 1.57%  | 0.128%  |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 195 | 10.902 | 10.889 | 10.907 | HH | 1774   | 18602   | 0.68%  | 0.056% |
| 196 | 10.932 | 10.907 | 10.957 | HH | 3705   | 83044   | 3.06%  | 0.249% |
| 197 | 10.964 | 10.957 | 10.971 | HH | 2813   | 22467   | 0.83%  | 0.067% |
| 198 | 10.991 | 10.971 | 11.024 | HH | 3821   | 104375  | 3.84%  | 0.312% |
| 199 | 11.036 | 11.024 | 11.056 | HH | 3310   | 57969   | 2.13%  | 0.174% |
| 200 | 11.074 | 11.056 | 11.084 | HH | 3397   | 53099   | 1.96%  | 0.159% |
| 201 | 11.095 | 11.084 | 11.110 | HH | 3603   | 52196   | 1.92%  | 0.156% |
| 202 | 11.126 | 11.110 | 11.164 | HH | 3651   | 104710  | 3.86%  | 0.313% |
| 203 | 11.168 | 11.164 | 11.200 | HH | 3012   | 65086   | 2.40%  | 0.195% |
| 204 | 11.206 | 11.200 | 11.209 | HH | 3091   | 16179   | 0.60%  | 0.048% |
| 205 | 11.263 | 11.209 | 11.288 | HH | 4131   | 170971  | 6.30%  | 0.512% |
| 206 | 11.322 | 11.288 | 11.351 | HH | 8479   | 206620  | 7.61%  | 0.619% |
| 207 | 11.360 | 11.351 | 11.378 | HH | 5000   | 80003   | 2.95%  | 0.240% |
| 208 | 11.408 | 11.378 | 11.461 | HH | 9303   | 291928  | 10.75% | 0.874% |
| 209 | 11.499 | 11.461 | 11.549 | HH | 8226   | 318211  | 11.72% | 0.953% |
| 210 | 11.563 | 11.549 | 11.600 | HH | 5686   | 161114  | 5.93%  | 0.482% |
| 211 | 11.622 | 11.600 | 11.664 | HH | 7248   | 235394  | 8.67%  | 0.705% |
| 212 | 11.676 | 11.664 | 11.697 | HH | 6176   | 115692  | 4.26%  | 0.346% |
| 213 | 11.721 | 11.697 | 11.742 | HH | 7342   | 174388  | 6.42%  | 0.522% |
| 214 | 11.759 | 11.742 | 11.789 | HH | 7188   | 190685  | 7.02%  | 0.571% |
| 215 | 11.811 | 11.789 | 11.845 | HH | 7528   | 221443  | 8.15%  | 0.663% |
| 216 | 11.850 | 11.845 | 11.867 | HH | 6192   | 80123   | 2.95%  | 0.240% |
| 217 | 11.885 | 11.867 | 11.894 | HH | 6369   | 99904   | 3.68%  | 0.299% |
| 218 | 11.900 | 11.894 | 11.905 | HH | 6228   | 42345   | 1.56%  | 0.127% |
| 219 | 11.936 | 11.905 | 11.947 | HH | 6632   | 157537  | 5.80%  | 0.472% |
| 220 | 11.995 | 11.947 | 12.020 | HH | 11319  | 363087  | 13.37% | 1.087% |
| 221 | 12.056 | 12.020 | 12.083 | HH | 8898   | 298531  | 10.99% | 0.894% |
| 222 | 12.105 | 12.083 | 12.161 | HH | 11622  | 411568  | 15.16% | 1.232% |
| 223 | 12.197 | 12.161 | 12.214 | HH | 7683   | 231895  | 8.54%  | 0.694% |
| 224 | 12.234 | 12.214 | 12.240 | HH | 8868   | 129508  | 4.77%  | 0.388% |
| 225 | 12.261 | 12.240 | 12.360 | HH | 46703  | 1307734 | 48.16% | 3.915% |
| 226 | 12.366 | 12.360 | 12.369 | HH | 9697   | 51683   | 1.90%  | 0.155% |
| 227 | 12.375 | 12.369 | 12.390 | HH | 9689   | 119958  | 4.42%  | 0.359% |
| 228 | 12.407 | 12.390 | 12.447 | HH | 10736  | 319621  | 11.77% | 0.957% |
| 229 | 12.458 | 12.447 | 12.480 | HH | 8958   | 170717  | 6.29%  | 0.511% |
| 230 | 12.498 | 12.480 | 12.536 | HH | 10526  | 302614  | 11.14% | 0.906% |
| 231 | 12.572 | 12.536 | 12.610 | HH | 9233   | 372840  | 13.73% | 1.116% |
| 232 | 12.636 | 12.610 | 12.659 | HH | 13381  | 301944  | 11.12% | 0.904% |
| 233 | 12.666 | 12.659 | 12.676 | HH | 8449   | 83429   | 3.07%  | 0.250% |
| 234 | 12.703 | 12.676 | 12.729 | HH | 12023  | 315847  | 11.63% | 0.946% |
| 235 | 12.746 | 12.729 | 12.767 | HH | 10067  | 209406  | 7.71%  | 0.627% |
| 236 | 12.783 | 12.767 | 12.810 | HH | 9805   | 223101  | 8.22%  | 0.668% |
| 237 | 12.815 | 12.810 | 12.820 | HH | 7608   | 41354   | 1.52%  | 0.124% |
| 238 | 12.829 | 12.820 | 12.840 | HH | 7736   | 91683   | 3.38%  | 0.274% |
| 239 | 12.860 | 12.840 | 12.871 | HH | 8050   | 141513  | 5.21%  | 0.424% |
| 240 | 12.893 | 12.871 | 12.917 | HH | 10384  | 259179  | 9.54%  | 0.776% |
| 241 | 12.928 | 12.917 | 12.949 | HH | 9327   | 167600  | 6.17%  | 0.502% |
| 242 | 12.970 | 12.949 | 13.017 | HH | 12411  | 394535  | 14.53% | 1.181% |
| 243 | 13.053 | 13.017 | 13.072 | HH | 9416   | 288680  | 10.63% | 0.864% |
| 244 | 13.096 | 13.072 | 13.119 | HH | 15237  | 322039  | 11.86% | 0.964% |
| 245 | 13.149 | 13.119 | 13.179 | HH | 12418  | 366462  | 13.49% | 1.097% |
| 246 | 13.183 | 13.179 | 13.188 | HH | 8692   | 47798   | 1.76%  | 0.143% |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 247    | 13.191 | 13.188 | 13.215 | HH | 8558   | 132124  | 4.87%   | 0.396% |
| 248    | 13.222 | 13.215 | 13.227 | HH | 7990   | 56913   | 2.10%   | 0.170% |
| 249    | 13.253 | 13.227 | 13.277 | HH | 13848  | 312352  | 11.50%  | 0.935% |
| 250    | 13.283 | 13.277 | 13.303 | HH | 9161   | 134324  | 4.95%   | 0.402% |
| 251    | 13.324 | 13.303 | 13.338 | HH | 9346   | 194036  | 7.15%   | 0.581% |
| 252    | 13.355 | 13.338 | 13.409 | HH | 10319  | 389394  | 14.34%  | 1.166% |
| 253    | 13.424 | 13.409 | 13.444 | HH | 8899   | 182721  | 6.73%   | 0.547% |
| 254    | 13.449 | 13.444 | 13.454 | HH | 8255   | 47731   | 1.76%   | 0.143% |
| 255    | 13.509 | 13.454 | 13.588 | HH | 13810  | 816000  | 30.05%  | 2.443% |
| 256    | 13.617 | 13.588 | 13.655 | HH | 12323  | 398272  | 14.67%  | 1.192% |
| 257    | 13.677 | 13.655 | 13.698 | HH | 10876  | 248092  | 9.14%   | 0.743% |
| 258    | 13.713 | 13.698 | 13.730 | HH | 9188   | 170461  | 6.28%   | 0.510% |
| 259    | 13.737 | 13.730 | 13.745 | HH | 8809   | 75235   | 2.77%   | 0.225% |
| 260    | 13.749 | 13.745 | 13.774 | HH | 8709   | 144740  | 5.33%   | 0.433% |
| 261    | 13.792 | 13.774 | 13.819 | HH | 8788   | 225318  | 8.30%   | 0.675% |
| 262    | 13.841 | 13.819 | 13.885 | HH | 13209  | 368365  | 13.56%  | 1.103% |
| 263    | 13.902 | 13.885 | 13.914 | HH | 8089   | 135003  | 4.97%   | 0.404% |
| 264    | 13.927 | 13.914 | 13.977 | HH | 8162   | 273077  | 10.06%  | 0.818% |
| 265    | 13.992 | 13.977 | 14.016 | HH | 6670   | 146025  | 5.38%   | 0.437% |
| 266    | 14.023 | 14.016 | 14.033 | HH | 6291   | 64214   | 2.36%   | 0.192% |
| 267    | 14.061 | 14.033 | 14.098 | HH | 7710   | 270153  | 9.95%   | 0.809% |
| 268    | 14.106 | 14.098 | 14.124 | HH | 6502   | 98286   | 3.62%   | 0.294% |
| 269    | 14.137 | 14.124 | 14.159 | HH | 6094   | 118637  | 4.37%   | 0.355% |
| 270    | 14.174 | 14.159 | 14.187 | HH | 5637   | 93753   | 3.45%   | 0.281% |
| 271    | 14.207 | 14.187 | 14.224 | HH | 5944   | 122098  | 4.50%   | 0.366% |
| 272    | 14.253 | 14.224 | 14.383 | HH | 7667   | 544552  | 20.05%  | 1.630% |
| 273    | 14.409 | 14.383 | 14.443 | HH | 7481   | 212720  | 7.83%   | 0.637% |
| 274    | 14.477 | 14.443 | 14.504 | HH | 6437   | 212520  | 7.83%   | 0.636% |
| 275    | 14.507 | 14.504 | 14.513 | HH | 5493   | 30685   | 1.13%   | 0.092% |
| 276    | 14.523 | 14.513 | 14.527 | HH | 5725   | 44601   | 1.64%   | 0.134% |
| 277    | 14.532 | 14.527 | 14.551 | HH | 5887   | 79416   | 2.92%   | 0.238% |
| 278    | 14.561 | 14.551 | 14.587 | HH | 5664   | 116820  | 4.30%   | 0.350% |
| 279    | 14.613 | 14.587 | 14.651 | HH | 7080   | 239779  | 8.83%   | 0.718% |
| 280    | 14.666 | 14.651 | 14.677 | HH | 6528   | 99181   | 3.65%   | 0.297% |
| 281    | 14.691 | 14.677 | 14.698 | HH | 6508   | 80279   | 2.96%   | 0.240% |
| 282    | 14.704 | 14.698 | 14.710 | HH | 6450   | 43255   | 1.59%   | 0.129% |
| 283    | 14.747 | 14.710 | 14.777 | HH | 181698 | 2715654 | 100.00% | 8.130% |
| 284    | 14.792 | 14.777 | 14.826 | HH | 15635  | 329301  | 12.13%  | 0.986% |
| 285    | 14.836 | 14.826 | 14.887 | HH | 7641   | 250810  | 9.24%   | 0.751% |
| 286    | 14.912 | 14.887 | 14.934 | HH | 9552   | 222420  | 8.19%   | 0.666% |
| 287    | 14.950 | 14.934 | 14.976 | HH | 8380   | 182236  | 6.71%   | 0.546% |
| 288    | 15.003 | 14.976 | 15.043 | HH | 15647  | 395641  | 14.57%  | 1.184% |
| 289    | 15.058 | 15.043 | 15.081 | HH | 7940   | 162214  | 5.97%   | 0.486% |
| 290    | 15.091 | 15.081 | 15.119 | HH | 6506   | 136336  | 5.02%   | 0.408% |
| 291    | 15.150 | 15.119 | 15.174 | HH | 8286   | 236414  | 8.71%   | 0.708% |
| 292    | 15.197 | 15.174 | 15.248 | HH | 7642   | 308167  | 11.35%  | 0.923% |
| 293    | 15.260 | 15.248 | 15.276 | HH | 7021   | 112167  | 4.13%   | 0.336% |
| 294    | 15.295 | 15.276 | 15.299 | HH | 6754   | 92066   | 3.39%   | 0.276% |
| 295    | 15.342 | 15.299 | 15.439 | HH | 46811  | 1435513 | 52.86%  | 4.298% |
| 296    | 15.443 | 15.439 | 15.451 | HH | 8499   | 58492   | 2.15%   | 0.175% |
| 297    | 15.498 | 15.451 | 15.528 | HH | 24372  | 652905  | 24.04%  | 1.955% |
| 298    | 15.549 | 15.528 | 15.598 | HH | 13999  | 417778  | 15.38%  | 1.251% |
| 299    | 15.606 | 15.598 | 15.629 | HH | 7449   | 134681  | 4.96%   | 0.403% |

|     |        |        |        |     |                         |        |          |        |
|-----|--------|--------|--------|-----|-------------------------|--------|----------|--------|
|     |        |        |        |     | rteres                  |        |          |        |
| 300 | 15.657 | 15.629 | 15.684 | HH  | 9403                    | 275741 | 10.15%   | 0.825% |
| 301 | 15.693 | 15.684 | 15.734 | HH  | 8681                    | 245845 | 9.05%    | 0.736% |
| 302 | 15.739 | 15.734 | 15.757 | HH  | 7959                    | 106426 | 3.92%    | 0.319% |
| 303 | 15.777 | 15.757 | 15.783 | HH  | 8278                    | 122739 | 4.52%    | 0.367% |
| 304 | 15.787 | 15.783 | 15.830 | HH  | 8392                    | 223216 | 8.22%    | 0.668% |
| 305 | 15.835 | 15.830 | 15.840 | HH  | 7607                    | 46127  | 1.70%    | 0.138% |
| 306 | 15.871 | 15.840 | 15.886 | HH  | 8900                    | 227857 | 8.39%    | 0.682% |
| 307 | 15.904 | 15.886 | 15.922 | HH  | 8528                    | 174976 | 6.44%    | 0.524% |
| 308 | 15.942 | 15.922 | 15.957 | HH  | 8020                    | 163722 | 6.03%    | 0.490% |
| 309 | 15.978 | 15.957 | 15.995 | HH  | 9529                    | 196062 | 7.22%    | 0.587% |
| 310 | 16.016 | 15.995 | 16.035 | HH  | 9391                    | 212530 | 7.83%    | 0.636% |
| 311 | 16.040 | 16.035 | 16.046 | HH  | 8302                    | 51806  | 1.91%    | 0.155% |
| 312 | 16.048 | 16.046 | 16.093 | HH  | 8344                    | 218885 | 8.06%    | 0.655% |
| 313 | 16.114 | 16.093 | 16.124 | HH  | 7889                    | 143449 | 5.28%    | 0.429% |
| 314 | 16.150 | 16.124 | 16.169 | HH  | 10234                   | 241734 | 8.90%    | 0.724% |
| 315 | 16.174 | 16.169 | 16.197 | HH  | 9233                    | 156811 | 5.77%    | 0.469% |
| 316 | 16.200 | 16.197 | 16.247 | HH  | 8882                    | 246909 | 9.09%    | 0.739% |
| 317 | 16.279 | 16.247 | 16.304 | HH  | 10760                   | 318304 | 11.72%   | 0.953% |
| 318 | 16.307 | 16.304 | 16.334 | HH  | 9167                    | 156283 | 5.75%    | 0.468% |
| 319 | 16.365 | 16.334 | 16.396 | HH  | 11168                   | 366604 | 13.50%   | 1.098% |
| 320 | 16.429 | 16.396 | 16.445 | HH  | 10439                   | 287054 | 10.57%   | 0.859% |
| 321 | 16.462 | 16.445 | 16.487 | HH  | 11242                   | 257369 | 9.48%    | 0.770% |
| 322 | 16.499 | 16.487 | 16.522 | HH  | 9544                    | 188593 | 6.94%    | 0.565% |
| 323 | 16.554 | 16.522 | 16.600 | HH  | 19685                   | 577251 | 21.26%   | 1.728% |
| 324 | 16.630 | 16.600 | 16.663 | HH  | 11009                   | 378086 | 13.92%   | 1.132% |
| 325 | 16.684 | 16.663 | 16.731 | HH  | 9875                    | 382140 | 14.07%   | 1.144% |
| 326 | 16.761 | 16.731 | 16.779 | HH  | 9274                    | 258058 | 9.50%    | 0.773% |
| 327 | 16.796 | 16.779 | 16.801 | HH  | 9328                    | 121914 | 4.49%    | 0.365% |
| 328 | 16.816 | 16.801 | 16.853 | HH  | 9545                    | 292822 | 10.78%   | 0.877% |
| 329 | 16.858 | 16.853 | 16.866 | HH  | 9168                    | 68170  | 2.51%    | 0.204% |
| 330 | 16.899 | 16.866 | 16.915 | HH  | 10238                   | 277878 | 10.23%   | 0.832% |
| 331 | 16.934 | 16.915 | 16.956 | HH  | 11418                   | 255088 | 9.39%    | 0.764% |
| 332 | 16.982 | 16.956 | 17.001 | HHA | 12279                   | 292598 | 10.77%   | 0.876% |
|     |        |        |        |     | Sum of corrected areas: |        | 33403243 |        |

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