

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG101422\  
 Data File : FG010914.D  
 Signal(s) : FID1A.ch  
 Acq On : 14 Oct 2022 18:01  
 Sample : N5140-06  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG092822.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         | 4.261       | 4.228        | 4.295      | VH       | 1179           | 33876        | 1.44%          | 0.117%        |
| 2         | 4.299       | 4.295        | 4.311      | HH       | 709            | 6750         | 0.29%          | 0.023%        |
| 3         | 4.330       | 4.311        | 4.357      | HH       | 753            | 18774        | 0.80%          | 0.065%        |
| 4         | 4.367       | 4.357        | 4.377      | HH       | 685            | 7572         | 0.32%          | 0.026%        |
| 5         | 4.399       | 4.377        | 4.413      | HH       | 1144           | 18755        | 0.80%          | 0.065%        |
| 6         | 4.431       | 4.413        | 4.455      | HH       | 1895           | 31626        | 1.34%          | 0.109%        |
| 7         | 4.458       | 4.455        | 4.499      | HH       | 882            | 20002        | 0.85%          | 0.069%        |
| 8         | 4.503       | 4.499        | 4.509      | HH       | 764            | 4339         | 0.18%          | 0.015%        |
| 9         | 4.513       | 4.509        | 4.535      | HH       | 771            | 10957        | 0.47%          | 0.038%        |
| 10        | 4.550       | 4.535        | 4.556      | HH       | 753            | 8528         | 0.36%          | 0.029%        |
| 11        | 4.560       | 4.556        | 4.581      | HH       | 714            | 9893         | 0.42%          | 0.034%        |
| 12        | 4.592       | 4.581        | 4.614      | HH       | 700            | 12774        | 0.54%          | 0.044%        |
| 13        | 4.629       | 4.614        | 4.663      | HH       | 726            | 20150        | 0.86%          | 0.069%        |
| 14        | 4.670       | 4.663        | 4.677      | HH       | 679            | 5061         | 0.21%          | 0.017%        |
| 15        | 4.683       | 4.677        | 4.703      | HH       | 679            | 9612         | 0.41%          | 0.033%        |
| 16        | 4.717       | 4.703        | 4.731      | HH       | 635            | 10521        | 0.45%          | 0.036%        |
| 17        | 4.733       | 4.731        | 4.742      | HH       | 623            | 3870         | 0.16%          | 0.013%        |
| 18        | 4.757       | 4.742        | 4.772      | HH       | 672            | 11255        | 0.48%          | 0.039%        |
| 19        | 4.777       | 4.772        | 4.785      | HH       | 642            | 4749         | 0.20%          | 0.016%        |
| 20        | 4.789       | 4.785        | 4.798      | HH       | 640            | 4656         | 0.20%          | 0.016%        |
| 21        | 4.836       | 4.798        | 4.843      | HH       | 787            | 18987        | 0.81%          | 0.065%        |
| 22        | 4.846       | 4.843        | 4.862      | HH       | 806            | 8727         | 0.37%          | 0.030%        |
| 23        | 4.919       | 4.862        | 4.967      | HH       | 1742           | 67115        | 2.85%          | 0.231%        |
| 24        | 4.999       | 4.967        | 5.026      | HH       | 1142           | 32857        | 1.40%          | 0.113%        |
| 25        | 5.030       | 5.026        | 5.044      | HH       | 866            | 8963         | 0.38%          | 0.031%        |
| 26        | 5.061       | 5.044        | 5.111      | HH       | 1341           | 35527        | 1.51%          | 0.122%        |
| 27        | 5.116       | 5.111        | 5.131      | HH       | 690            | 8093         | 0.34%          | 0.028%        |
| 28        | 5.136       | 5.131        | 5.150      | HH       | 659            | 7262         | 0.31%          | 0.025%        |
| 29        | 5.161       | 5.150        | 5.173      | HH       | 650            | 8725         | 0.37%          | 0.030%        |
| 30        | 5.207       | 5.173        | 5.233      | HH       | 1433           | 33242        | 1.41%          | 0.115%        |
| 31        | 5.243       | 5.233        | 5.257      | HH       | 873            | 11196        | 0.48%          | 0.039%        |
| 32        | 5.275       | 5.257        | 5.306      | HH       | 1072           | 24923        | 1.06%          | 0.086%        |
| 33        | 5.309       | 5.306        | 5.317      | HH       | 723            | 4589         | 0.19%          | 0.016%        |
| 34        | 5.335       | 5.317        | 5.387      | HH       | 930            | 30560        | 1.30%          | 0.105%        |
| 35        | 5.392       | 5.387        | 5.396      | HH       | 689            | 3657         | 0.16%          | 0.013%        |
| 36        | 5.404       | 5.396        | 5.418      | HH       | 789            | 9320         | 0.40%          | 0.032%        |

|    |       |       |       |    | rteres |        |       |        |
|----|-------|-------|-------|----|--------|--------|-------|--------|
| 37 | 5.422 | 5.418 | 5.436 | HH | 672    | 6618   | 0.28% | 0.023% |
| 38 | 5.439 | 5.436 | 5.447 | HH | 624    | 3830   | 0.16% | 0.013% |
| 39 | 5.451 | 5.447 | 5.463 | HH | 635    | 5896   | 0.25% | 0.020% |
| 40 | 5.468 | 5.463 | 5.474 | HH | 611    | 4093   | 0.17% | 0.014% |
| 41 | 5.495 | 5.474 | 5.535 | HH | 1719   | 42900  | 1.82% | 0.148% |
| 42 | 5.550 | 5.535 | 5.565 | HH | 868    | 14400  | 0.61% | 0.050% |
| 43 | 5.569 | 5.565 | 5.588 | HH | 782    | 10780  | 0.46% | 0.037% |
| 44 | 5.595 | 5.588 | 5.607 | HH | 760    | 8165   | 0.35% | 0.028% |
| 45 | 5.612 | 5.607 | 5.616 | HH | 736    | 3701   | 0.16% | 0.013% |
| 46 | 5.642 | 5.616 | 5.658 | HH | 1282   | 23756  | 1.01% | 0.082% |
| 47 | 5.677 | 5.658 | 5.713 | HH | 3252   | 49577  | 2.11% | 0.171% |
| 48 | 5.717 | 5.713 | 5.737 | HH | 845    | 11457  | 0.49% | 0.039% |
| 49 | 5.742 | 5.737 | 5.748 | HH | 781    | 5059   | 0.21% | 0.017% |
| 50 | 5.773 | 5.748 | 5.789 | HH | 769    | 17105  | 0.73% | 0.059% |
| 51 | 5.793 | 5.789 | 5.797 | HH | 705    | 3121   | 0.13% | 0.011% |
| 52 | 5.801 | 5.797 | 5.806 | HH | 695    | 3750   | 0.16% | 0.013% |
| 53 | 5.811 | 5.806 | 5.833 | HH | 701    | 10573  | 0.45% | 0.036% |
| 54 | 5.838 | 5.833 | 5.841 | HH | 646    | 3040   | 0.13% | 0.010% |
| 55 | 5.864 | 5.841 | 5.868 | HH | 766    | 11301  | 0.48% | 0.039% |
| 56 | 5.872 | 5.868 | 5.887 | HH | 765    | 7948   | 0.34% | 0.027% |
| 57 | 5.892 | 5.887 | 5.897 | HH | 712    | 4405   | 0.19% | 0.015% |
| 58 | 5.903 | 5.897 | 5.906 | HH | 713    | 3633   | 0.15% | 0.013% |
| 59 | 5.911 | 5.906 | 5.924 | HH | 747    | 7502   | 0.32% | 0.026% |
| 60 | 5.941 | 5.924 | 5.951 | HH | 890    | 13460  | 0.57% | 0.046% |
| 61 | 5.964 | 5.951 | 5.980 | HH | 1087   | 17125  | 0.73% | 0.059% |
| 62 | 6.013 | 5.980 | 6.029 | HH | 1360   | 33076  | 1.40% | 0.114% |
| 63 | 6.048 | 6.029 | 6.141 | HH | 10037  | 211113 | 8.96% | 0.728% |
| 64 | 6.166 | 6.141 | 6.203 | HH | 2624   | 58521  | 2.48% | 0.202% |
| 65 | 6.231 | 6.203 | 6.254 | HH | 1132   | 32419  | 1.38% | 0.112% |
| 66 | 6.277 | 6.254 | 6.311 | HH | 2554   | 54534  | 2.32% | 0.188% |
| 67 | 6.318 | 6.311 | 6.357 | HH | 1194   | 29045  | 1.23% | 0.100% |
| 68 | 6.376 | 6.357 | 6.416 | HH | 1226   | 37565  | 1.60% | 0.129% |
| 69 | 6.436 | 6.416 | 6.477 | HH | 1074   | 35289  | 1.50% | 0.122% |
| 70 | 6.492 | 6.477 | 6.510 | HH | 927    | 17306  | 0.73% | 0.060% |
| 71 | 6.514 | 6.510 | 6.520 | HH | 870    | 5470   | 0.23% | 0.019% |
| 72 | 6.532 | 6.520 | 6.538 | HH | 893    | 9226   | 0.39% | 0.032% |
| 73 | 6.547 | 6.538 | 6.560 | HH | 906    | 11558  | 0.49% | 0.040% |
| 74 | 6.563 | 6.560 | 6.573 | HH | 869    | 6384   | 0.27% | 0.022% |
| 75 | 6.590 | 6.573 | 6.607 | HH | 956    | 18205  | 0.77% | 0.063% |
| 76 | 6.612 | 6.607 | 6.617 | HH | 850    | 4531   | 0.19% | 0.016% |
| 77 | 6.622 | 6.617 | 6.629 | HH | 824    | 6018   | 0.26% | 0.021% |
| 78 | 6.651 | 6.629 | 6.657 | HH | 855    | 13446  | 0.57% | 0.046% |
| 79 | 6.663 | 6.657 | 6.670 | HH | 794    | 6029   | 0.26% | 0.021% |
| 80 | 6.674 | 6.670 | 6.679 | HH | 801    | 3839   | 0.16% | 0.013% |
| 81 | 6.707 | 6.679 | 6.722 | HH | 967    | 21966  | 0.93% | 0.076% |
| 82 | 6.727 | 6.722 | 6.740 | HH | 816    | 8452   | 0.36% | 0.029% |
| 83 | 6.760 | 6.740 | 6.767 | HH | 863    | 12846  | 0.55% | 0.044% |
| 84 | 6.772 | 6.767 | 6.779 | HH | 829    | 5294   | 0.22% | 0.018% |
| 85 | 6.788 | 6.779 | 6.794 | HH | 797    | 7071   | 0.30% | 0.024% |
| 86 | 6.797 | 6.794 | 6.810 | HH | 788    | 7210   | 0.31% | 0.025% |
| 87 | 6.818 | 6.810 | 6.824 | HH | 798    | 5950   | 0.25% | 0.021% |
| 88 | 6.830 | 6.824 | 6.845 | HH | 768    | 9475   | 0.40% | 0.033% |
| 89 | 6.885 | 6.845 | 6.898 | HH | 849    | 23467  | 1.00% | 0.081% |

|     |       |       |       |    |        |       |       |        |
|-----|-------|-------|-------|----|--------|-------|-------|--------|
|     |       |       |       |    | rteres |       |       |        |
| 90  | 6.919 | 6.898 | 6.933 | HH | 897    | 17137 | 0.73% | 0.059% |
| 91  | 6.952 | 6.933 | 6.962 | HH | 1195   | 18420 | 0.78% | 0.063% |
| 92  | 6.987 | 6.962 | 7.002 | HH | 1182   | 25598 | 1.09% | 0.088% |
| 93  | 7.008 | 7.002 | 7.016 | HH | 1024   | 7908  | 0.34% | 0.027% |
| 94  | 7.020 | 7.016 | 7.029 | HH | 955    | 7418  | 0.32% | 0.026% |
| 95  | 7.034 | 7.029 | 7.042 | HH | 904    | 6752  | 0.29% | 0.023% |
| 96  | 7.066 | 7.042 | 7.087 | HH | 1171   | 27075 | 1.15% | 0.093% |
| 97  | 7.103 | 7.087 | 7.136 | HH | 1127   | 28889 | 1.23% | 0.100% |
| 98  | 7.155 | 7.136 | 7.179 | HH | 1040   | 23873 | 1.01% | 0.082% |
| 99  | 7.216 | 7.179 | 7.242 | HH | 880    | 31178 | 1.32% | 0.107% |
| 100 | 7.253 | 7.242 | 7.297 | HH | 1012   | 27775 | 1.18% | 0.096% |
| 101 | 7.303 | 7.297 | 7.309 | HH | 789    | 5764  | 0.24% | 0.020% |
| 102 | 7.323 | 7.309 | 7.359 | HH | 834    | 22748 | 0.97% | 0.078% |
| 103 | 7.390 | 7.359 | 7.429 | HH | 1007   | 34266 | 1.45% | 0.118% |
| 104 | 7.455 | 7.429 | 7.484 | HH | 981    | 27542 | 1.17% | 0.095% |
| 105 | 7.504 | 7.484 | 7.524 | HH | 1018   | 21849 | 0.93% | 0.075% |
| 106 | 7.546 | 7.524 | 7.585 | HH | 992    | 32448 | 1.38% | 0.112% |
| 107 | 7.590 | 7.585 | 7.597 | HH | 903    | 6038  | 0.26% | 0.021% |
| 108 | 7.621 | 7.597 | 7.633 | HH | 957    | 19370 | 0.82% | 0.067% |
| 109 | 7.665 | 7.633 | 7.706 | HH | 1347   | 48409 | 2.06% | 0.167% |
| 110 | 7.716 | 7.706 | 7.729 | HH | 963    | 12681 | 0.54% | 0.044% |
| 111 | 7.735 | 7.729 | 7.741 | HH | 923    | 6861  | 0.29% | 0.024% |
| 112 | 7.747 | 7.741 | 7.754 | HH | 956    | 6715  | 0.29% | 0.023% |
| 113 | 7.759 | 7.754 | 7.784 | HH | 936    | 15943 | 0.68% | 0.055% |
| 114 | 7.827 | 7.784 | 7.863 | HH | 1895   | 60808 | 2.58% | 0.210% |
| 115 | 7.869 | 7.863 | 7.884 | HH | 1013   | 11886 | 0.50% | 0.041% |
| 116 | 7.888 | 7.884 | 7.907 | HH | 961    | 12864 | 0.55% | 0.044% |
| 117 | 7.922 | 7.907 | 7.928 | HH | 1002   | 12155 | 0.52% | 0.042% |
| 118 | 7.932 | 7.928 | 7.949 | HH | 966    | 11791 | 0.50% | 0.041% |
| 119 | 7.969 | 7.949 | 7.981 | HH | 1027   | 18243 | 0.77% | 0.063% |
| 120 | 8.000 | 7.981 | 8.018 | HH | 1219   | 24377 | 1.04% | 0.084% |
| 121 | 8.024 | 8.018 | 8.043 | HH | 1059   | 14382 | 0.61% | 0.050% |
| 122 | 8.052 | 8.043 | 8.071 | HH | 1025   | 16629 | 0.71% | 0.057% |
| 123 | 8.091 | 8.071 | 8.117 | HH | 1161   | 28993 | 1.23% | 0.100% |
| 124 | 8.168 | 8.117 | 8.188 | HH | 1344   | 46340 | 1.97% | 0.160% |
| 125 | 8.198 | 8.188 | 8.215 | HH | 1150   | 18049 | 0.77% | 0.062% |
| 126 | 8.240 | 8.215 | 8.260 | HH | 2596   | 47409 | 2.01% | 0.163% |
| 127 | 8.272 | 8.260 | 8.306 | HH | 1960   | 38590 | 1.64% | 0.133% |
| 128 | 8.323 | 8.306 | 8.339 | HH | 1052   | 19507 | 0.83% | 0.067% |
| 129 | 8.356 | 8.339 | 8.405 | HH | 1245   | 42865 | 1.82% | 0.148% |
| 130 | 8.410 | 8.405 | 8.427 | HH | 1008   | 12527 | 0.53% | 0.043% |
| 131 | 8.434 | 8.427 | 8.449 | HH | 974    | 12102 | 0.51% | 0.042% |
| 132 | 8.458 | 8.449 | 8.470 | HH | 952    | 11365 | 0.48% | 0.039% |
| 133 | 8.476 | 8.470 | 8.479 | HH | 948    | 5054  | 0.21% | 0.017% |
| 134 | 8.500 | 8.479 | 8.537 | HH | 1369   | 37705 | 1.60% | 0.130% |
| 135 | 8.566 | 8.537 | 8.591 | HH | 1002   | 30597 | 1.30% | 0.105% |
| 136 | 8.622 | 8.591 | 8.641 | HH | 1450   | 35593 | 1.51% | 0.123% |
| 137 | 8.649 | 8.641 | 8.666 | HH | 1220   | 17467 | 0.74% | 0.060% |
| 138 | 8.670 | 8.666 | 8.677 | HH | 1180   | 7406  | 0.31% | 0.026% |
| 139 | 8.699 | 8.677 | 8.730 | HH | 1702   | 42394 | 1.80% | 0.146% |
| 140 | 8.766 | 8.730 | 8.794 | HH | 1494   | 48788 | 2.07% | 0.168% |
| 141 | 8.814 | 8.794 | 8.841 | HH | 1554   | 38570 | 1.64% | 0.133% |

|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 142 | 8.866  | 8.841  | 8.888  | HH | 1821   | 41416  | 1.76% | 0.143% |
| 143 | 8.906  | 8.888  | 8.917  | HH | 1580   | 26052  | 1.11% | 0.090% |
| 144 | 8.928  | 8.917  | 8.984  | HH | 1609   | 56354  | 2.39% | 0.194% |
| 145 | 9.012  | 8.984  | 9.062  | HH | 1508   | 59194  | 2.51% | 0.204% |
|     |        |        |        |    |        |        |       |        |
| 146 | 9.067  | 9.062  | 9.079  | HH | 1130   | 11107  | 0.47% | 0.038% |
| 147 | 9.104  | 9.079  | 9.151  | HH | 2104   | 60219  | 2.56% | 0.208% |
| 148 | 9.155  | 9.151  | 9.164  | HH | 1055   | 7532   | 0.32% | 0.026% |
| 149 | 9.176  | 9.164  | 9.203  | HH | 1022   | 23094  | 0.98% | 0.080% |
| 150 | 9.227  | 9.203  | 9.272  | HH | 1051   | 39299  | 1.67% | 0.135% |
|     |        |        |        |    |        |        |       |        |
| 151 | 9.298  | 9.272  | 9.317  | HH | 1208   | 29143  | 1.24% | 0.100% |
| 152 | 9.321  | 9.317  | 9.335  | HH | 1085   | 11189  | 0.48% | 0.039% |
| 153 | 9.365  | 9.335  | 9.385  | HH | 1033   | 30327  | 1.29% | 0.105% |
| 154 | 9.439  | 9.385  | 9.506  | HH | 3584   | 123914 | 5.26% | 0.427% |
| 155 | 9.521  | 9.506  | 9.542  | HH | 1308   | 26211  | 1.11% | 0.090% |
|     |        |        |        |    |        |        |       |        |
| 156 | 9.550  | 9.542  | 9.576  | HH | 1197   | 22970  | 0.98% | 0.079% |
| 157 | 9.604  | 9.576  | 9.609  | HH | 1234   | 23292  | 0.99% | 0.080% |
| 158 | 9.612  | 9.609  | 9.633  | HH | 1224   | 15908  | 0.68% | 0.055% |
| 159 | 9.658  | 9.633  | 9.683  | HH | 1201   | 32377  | 1.37% | 0.112% |
| 160 | 9.709  | 9.683  | 9.741  | HH | 1863   | 48285  | 2.05% | 0.166% |
|     |        |        |        |    |        |        |       |        |
| 161 | 9.767  | 9.741  | 9.777  | HH | 1118   | 23071  | 0.98% | 0.080% |
| 162 | 9.817  | 9.777  | 9.840  | HH | 1342   | 44540  | 1.89% | 0.154% |
| 163 | 9.847  | 9.840  | 9.855  | HH | 1225   | 11310  | 0.48% | 0.039% |
| 164 | 9.881  | 9.855  | 9.909  | HH | 2497   | 52226  | 2.22% | 0.180% |
| 165 | 9.913  | 9.909  | 9.925  | HH | 1124   | 10904  | 0.46% | 0.038% |
|     |        |        |        |    |        |        |       |        |
| 166 | 9.943  | 9.925  | 9.947  | HH | 1127   | 13875  | 0.59% | 0.048% |
| 167 | 9.980  | 9.947  | 10.033 | HH | 1383   | 62381  | 2.65% | 0.215% |
| 168 | 10.040 | 10.033 | 10.052 | HH | 1061   | 11480  | 0.49% | 0.040% |
| 169 | 10.060 | 10.052 | 10.070 | HH | 1005   | 10578  | 0.45% | 0.036% |
| 170 | 10.087 | 10.070 | 10.113 | HH | 1013   | 24804  | 1.05% | 0.085% |
|     |        |        |        |    |        |        |       |        |
| 171 | 10.119 | 10.113 | 10.125 | HH | 1012   | 7264   | 0.31% | 0.025% |
| 172 | 10.138 | 10.125 | 10.162 | HH | 1046   | 22159  | 0.94% | 0.076% |
| 173 | 10.194 | 10.162 | 10.215 | HH | 1590   | 42328  | 1.80% | 0.146% |
| 174 | 10.256 | 10.215 | 10.286 | HH | 1535   | 59364  | 2.52% | 0.205% |
| 175 | 10.291 | 10.286 | 10.293 | HH | 1270   | 5407   | 0.23% | 0.019% |
|     |        |        |        |    |        |        |       |        |
| 176 | 10.299 | 10.293 | 10.304 | HH | 1308   | 7991   | 0.34% | 0.028% |
| 177 | 10.338 | 10.304 | 10.352 | HH | 1473   | 39240  | 1.67% | 0.135% |
| 178 | 10.357 | 10.352 | 10.373 | HH | 1402   | 16789  | 0.71% | 0.058% |
| 179 | 10.387 | 10.373 | 10.402 | HH | 1485   | 24300  | 1.03% | 0.084% |
| 180 | 10.420 | 10.402 | 10.429 | HH | 1331   | 20403  | 0.87% | 0.070% |
|     |        |        |        |    |        |        |       |        |
| 181 | 10.449 | 10.429 | 10.459 | HH | 1384   | 24301  | 1.03% | 0.084% |
| 182 | 10.498 | 10.459 | 10.516 | HH | 1835   | 52582  | 2.23% | 0.181% |
| 183 | 10.521 | 10.516 | 10.555 | HH | 1497   | 34292  | 1.46% | 0.118% |
| 184 | 10.575 | 10.555 | 10.584 | HH | 1699   | 26554  | 1.13% | 0.092% |
| 185 | 10.620 | 10.584 | 10.645 | HH | 2901   | 74648  | 3.17% | 0.257% |
|     |        |        |        |    |        |        |       |        |
| 186 | 10.696 | 10.645 | 10.728 | HH | 2187   | 87643  | 3.72% | 0.302% |
| 187 | 10.750 | 10.728 | 10.803 | HH | 1805   | 71105  | 3.02% | 0.245% |
| 188 | 10.817 | 10.803 | 10.824 | HH | 1675   | 19332  | 0.82% | 0.067% |
| 189 | 10.846 | 10.824 | 10.883 | HH | 3144   | 72658  | 3.09% | 0.250% |
| 190 | 10.906 | 10.883 | 10.974 | HH | 3349   | 115029 | 4.88% | 0.396% |
|     |        |        |        |    |        |        |       |        |
| 191 | 10.993 | 10.974 | 10.999 | HH | 1604   | 22965  | 0.98% | 0.079% |
| 192 | 11.008 | 10.999 | 11.039 | HH | 1626   | 35220  | 1.50% | 0.121% |
| 193 | 11.057 | 11.039 | 11.063 | HH | 1528   | 21430  | 0.91% | 0.074% |
| 194 | 11.074 | 11.063 | 11.108 | HH | 1546   | 38619  | 1.64% | 0.133% |

|     |        |        |        |    |        |        |        |        |
|-----|--------|--------|--------|----|--------|--------|--------|--------|
|     |        |        |        |    | rteres |        |        |        |
| 195 | 11.140 | 11.108 | 11.175 | HH | 2029   | 65952  | 2.80%  | 0.227% |
| 196 | 11.186 | 11.175 | 11.206 | HH | 1622   | 28251  | 1.20%  | 0.097% |
| 197 | 11.212 | 11.206 | 11.218 | HH | 1561   | 10818  | 0.46%  | 0.037% |
| 198 | 11.221 | 11.218 | 11.227 | HH | 1521   | 8450   | 0.36%  | 0.029% |
| 199 | 11.231 | 11.227 | 11.233 | HH | 1545   | 5723   | 0.24%  | 0.020% |
| 200 | 11.257 | 11.233 | 11.273 | HH | 1783   | 39271  | 1.67%  | 0.135% |
| 201 | 11.292 | 11.273 | 11.305 | HH | 1800   | 31479  | 1.34%  | 0.108% |
| 202 | 11.324 | 11.305 | 11.343 | HH | 2872   | 52130  | 2.21%  | 0.180% |
| 203 | 11.349 | 11.343 | 11.379 | HH | 2015   | 38842  | 1.65%  | 0.134% |
| 204 | 11.402 | 11.379 | 11.447 | HH | 3037   | 86913  | 3.69%  | 0.300% |
| 205 | 11.474 | 11.447 | 11.495 | HH | 2020   | 51198  | 2.17%  | 0.176% |
| 206 | 11.511 | 11.495 | 11.532 | HH | 1894   | 37572  | 1.60%  | 0.129% |
| 207 | 11.543 | 11.532 | 11.554 | HH | 1663   | 20719  | 0.88%  | 0.071% |
| 208 | 11.564 | 11.554 | 11.569 | HH | 1764   | 15351  | 0.65%  | 0.053% |
| 209 | 11.591 | 11.569 | 11.612 | HH | 2788   | 58296  | 2.48%  | 0.201% |
| 210 | 11.621 | 11.612 | 11.637 | HH | 2093   | 30916  | 1.31%  | 0.107% |
| 211 | 11.652 | 11.637 | 11.669 | HH | 2206   | 38835  | 1.65%  | 0.134% |
| 212 | 11.682 | 11.669 | 11.709 | HH | 2284   | 49263  | 2.09%  | 0.170% |
| 213 | 11.718 | 11.709 | 11.734 | HH | 1913   | 27314  | 1.16%  | 0.094% |
| 214 | 11.761 | 11.734 | 11.779 | HH | 2496   | 60392  | 2.56%  | 0.208% |
| 215 | 11.796 | 11.779 | 11.818 | HH | 2885   | 56758  | 2.41%  | 0.196% |
| 216 | 11.827 | 11.818 | 11.858 | HH | 2162   | 46745  | 1.98%  | 0.161% |
| 217 | 11.885 | 11.858 | 11.911 | HH | 1860   | 57953  | 2.46%  | 0.200% |
| 218 | 11.933 | 11.911 | 11.950 | HH | 1939   | 43280  | 1.84%  | 0.149% |
| 219 | 11.995 | 11.950 | 12.019 | HH | 3148   | 100147 | 4.25%  | 0.345% |
| 220 | 12.022 | 12.019 | 12.027 | HH | 2419   | 11914  | 0.51%  | 0.041% |
| 221 | 12.048 | 12.027 | 12.064 | HH | 3194   | 60810  | 2.58%  | 0.210% |
| 222 | 12.091 | 12.064 | 12.114 | HH | 3360   | 85263  | 3.62%  | 0.294% |
| 223 | 12.128 | 12.114 | 12.170 | HH | 2607   | 79152  | 3.36%  | 0.273% |
| 224 | 12.179 | 12.170 | 12.198 | HH | 2313   | 37451  | 1.59%  | 0.129% |
| 225 | 12.202 | 12.198 | 12.213 | HH | 2181   | 19460  | 0.83%  | 0.067% |
| 226 | 12.250 | 12.213 | 12.315 | HH | 57460  | 845453 | 35.90% | 2.914% |
| 227 | 12.325 | 12.315 | 12.363 | HH | 3143   | 82672  | 3.51%  | 0.285% |
| 228 | 12.374 | 12.363 | 12.388 | HH | 2790   | 40251  | 1.71%  | 0.139% |
| 229 | 12.406 | 12.388 | 12.420 | HH | 2746   | 52866  | 2.24%  | 0.182% |
| 230 | 12.444 | 12.420 | 12.486 | HH | 2965   | 109310 | 4.64%  | 0.377% |
| 231 | 12.508 | 12.486 | 12.522 | HH | 2816   | 57874  | 2.46%  | 0.199% |
| 232 | 12.551 | 12.522 | 12.566 | HH | 3402   | 83064  | 3.53%  | 0.286% |
| 233 | 12.579 | 12.566 | 12.602 | HH | 3161   | 66166  | 2.81%  | 0.228% |
| 234 | 12.634 | 12.602 | 12.644 | HH | 4307   | 88144  | 3.74%  | 0.304% |
| 235 | 12.662 | 12.644 | 12.689 | HH | 8289   | 146946 | 6.24%  | 0.506% |
| 236 | 12.700 | 12.689 | 12.731 | HH | 3378   | 81023  | 3.44%  | 0.279% |
| 237 | 12.737 | 12.731 | 12.753 | HH | 2958   | 37345  | 1.59%  | 0.129% |
| 238 | 12.766 | 12.753 | 12.782 | HH | 2933   | 50216  | 2.13%  | 0.173% |
| 239 | 12.801 | 12.782 | 12.817 | HH | 3339   | 64603  | 2.74%  | 0.223% |
| 240 | 12.847 | 12.817 | 12.865 | HH | 3391   | 90077  | 3.82%  | 0.310% |
| 241 | 12.883 | 12.865 | 12.894 | HH | 3609   | 59907  | 2.54%  | 0.206% |
| 242 | 12.899 | 12.894 | 12.929 | HH | 3389   | 67167  | 2.85%  | 0.232% |
| 243 | 12.957 | 12.929 | 13.012 | HH | 7989   | 220818 | 9.38%  | 0.761% |
| 244 | 13.019 | 13.012 | 13.033 | HH | 3473   | 43741  | 1.86%  | 0.151% |
| 245 | 13.057 | 13.033 | 13.107 | HH | 4155   | 166241 | 7.06%  | 0.573% |
| 246 | 13.136 | 13.107 | 13.154 | HH | 3607   | 98582  | 4.19%  | 0.340% |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 247    | 13.166 | 13.154 | 13.176 | HH | 3540   | 46114   | 1.96%   | 0.159% |
| 248    | 13.190 | 13.176 | 13.214 | HH | 3551   | 77456   | 3.29%   | 0.267% |
| 249    | 13.259 | 13.214 | 13.289 | HH | 5784   | 203788  | 8.65%   | 0.702% |
| 250    | 13.315 | 13.289 | 13.343 | HH | 5029   | 146043  | 6.20%   | 0.503% |
| 251    | 13.358 | 13.343 | 13.393 | HH | 4365   | 123096  | 5.23%   | 0.424% |
| 252    | 13.439 | 13.393 | 13.455 | HH | 4379   | 152479  | 6.47%   | 0.526% |
| 253    | 13.481 | 13.455 | 13.514 | HH | 19333  | 330535  | 14.04%  | 1.139% |
| 254    | 13.526 | 13.514 | 13.541 | HH | 4848   | 76369   | 3.24%   | 0.263% |
| 255    | 13.555 | 13.541 | 13.580 | HH | 5006   | 109099  | 4.63%   | 0.376% |
| 256    | 13.585 | 13.580 | 13.616 | HH | 4193   | 88853   | 3.77%   | 0.306% |
| 257    | 13.633 | 13.616 | 13.639 | HH | 4283   | 58218   | 2.47%   | 0.201% |
| 258    | 13.667 | 13.639 | 13.682 | HH | 4714   | 115424  | 4.90%   | 0.398% |
| 259    | 13.697 | 13.682 | 13.723 | HH | 4732   | 112506  | 4.78%   | 0.388% |
| 260    | 13.729 | 13.723 | 13.733 | HH | 4282   | 23093   | 0.98%   | 0.080% |
| 261    | 13.738 | 13.733 | 13.742 | HH | 4290   | 24573   | 1.04%   | 0.085% |
| 262    | 13.746 | 13.742 | 13.756 | HH | 4271   | 34434   | 1.46%   | 0.119% |
| 263    | 13.789 | 13.756 | 13.813 | HH | 6446   | 176561  | 7.50%   | 0.609% |
| 264    | 13.835 | 13.813 | 13.862 | HH | 6456   | 155899  | 6.62%   | 0.537% |
| 265    | 13.866 | 13.862 | 13.907 | HH | 4607   | 118572  | 5.03%   | 0.409% |
| 266    | 13.944 | 13.907 | 13.991 | HH | 4575   | 219719  | 9.33%   | 0.757% |
| 267    | 13.995 | 13.991 | 14.002 | HH | 4210   | 27605   | 1.17%   | 0.095% |
| 268    | 14.022 | 14.002 | 14.042 | HH | 4323   | 101138  | 4.29%   | 0.349% |
| 269    | 14.062 | 14.042 | 14.085 | HH | 4525   | 115490  | 4.90%   | 0.398% |
| 270    | 14.092 | 14.085 | 14.109 | HH | 4405   | 61115   | 2.60%   | 0.211% |
| 271    | 14.114 | 14.109 | 14.122 | HH | 4362   | 34386   | 1.46%   | 0.119% |
| 272    | 14.128 | 14.122 | 14.149 | HH | 4386   | 68276   | 2.90%   | 0.235% |
| 273    | 14.199 | 14.149 | 14.214 | HH | 4894   | 179120  | 7.61%   | 0.617% |
| 274    | 14.218 | 14.214 | 14.227 | HH | 4658   | 36762   | 1.56%   | 0.127% |
| 275    | 14.259 | 14.227 | 14.289 | HH | 6269   | 200986  | 8.53%   | 0.693% |
| 276    | 14.294 | 14.289 | 14.332 | HH | 5192   | 128474  | 5.46%   | 0.443% |
| 277    | 14.336 | 14.332 | 14.345 | HH | 4646   | 35574   | 1.51%   | 0.123% |
| 278    | 14.400 | 14.345 | 14.429 | HH | 8883   | 293988  | 12.48%  | 1.013% |
| 279    | 14.438 | 14.429 | 14.447 | HH | 5550   | 59645   | 2.53%   | 0.206% |
| 280    | 14.462 | 14.447 | 14.479 | HH | 5611   | 105596  | 4.48%   | 0.364% |
| 281    | 14.486 | 14.479 | 14.508 | HH | 5565   | 94148   | 4.00%   | 0.324% |
| 282    | 14.528 | 14.508 | 14.567 | HH | 5818   | 188384  | 8.00%   | 0.649% |
| 283    | 14.617 | 14.567 | 14.655 | HH | 6302   | 289701  | 12.30%  | 0.999% |
| 284    | 14.675 | 14.655 | 14.689 | HH | 5386   | 107455  | 4.56%   | 0.370% |
| 285    | 14.693 | 14.689 | 14.698 | HH | 5217   | 29641   | 1.26%   | 0.102% |
| 286    | 14.740 | 14.698 | 14.787 | HH | 155600 | 2355076 | 100.00% | 8.117% |
| 287    | 14.806 | 14.787 | 14.814 | HH | 5983   | 96678   | 4.11%   | 0.333% |
| 288    | 14.844 | 14.814 | 14.863 | HH | 8168   | 205457  | 8.72%   | 0.708% |
| 289    | 14.884 | 14.863 | 14.919 | HH | 9059   | 262962  | 11.17%  | 0.906% |
| 290    | 14.941 | 14.919 | 14.968 | HH | 10457  | 233009  | 9.89%   | 0.803% |
| 291    | 14.986 | 14.968 | 15.062 | HH | 6602   | 353117  | 14.99%  | 1.217% |
| 292    | 15.081 | 15.062 | 15.097 | HH | 6210   | 129121  | 5.48%   | 0.445% |
| 293    | 15.103 | 15.097 | 15.117 | HH | 6037   | 71415   | 3.03%   | 0.246% |
| 294    | 15.137 | 15.117 | 15.143 | HH | 6489   | 100348  | 4.26%   | 0.346% |
| 295    | 15.161 | 15.143 | 15.165 | HH | 6540   | 84369   | 3.58%   | 0.291% |
| 296    | 15.184 | 15.165 | 15.191 | HH | 6598   | 101442  | 4.31%   | 0.350% |
| 297    | 15.197 | 15.191 | 15.206 | HH | 6584   | 59289   | 2.52%   | 0.204% |
| 298    | 15.211 | 15.206 | 15.214 | HH | 6540   | 33240   | 1.41%   | 0.115% |
| 299    | 15.222 | 15.214 | 15.238 | HH | 6587   | 93871   | 3.99%   | 0.324% |

|     |        |        |        |    |                         |         |          |        |
|-----|--------|--------|--------|----|-------------------------|---------|----------|--------|
|     |        |        |        |    | rters                   |         |          |        |
| 300 | 15.273 | 15.238 | 15.289 | HH | 7106                    | 210833  | 8.95%    | 0.727% |
| 301 | 15.345 | 15.289 | 15.436 | HH | 24722                   | 1095912 | 46.53%   | 3.777% |
| 302 | 15.464 | 15.436 | 15.489 | HH | 13054                   | 318578  | 13.53%   | 1.098% |
| 303 | 15.513 | 15.489 | 15.545 | HH | 14970                   | 354504  | 15.05%   | 1.222% |
| 304 | 15.559 | 15.545 | 15.577 | HH | 7860                    | 147451  | 6.26%    | 0.508% |
| 305 | 15.591 | 15.577 | 15.616 | HH | 7689                    | 178122  | 7.56%    | 0.614% |
| 306 | 15.621 | 15.616 | 15.628 | HH | 7486                    | 53090   | 2.25%    | 0.183% |
| 307 | 15.651 | 15.628 | 15.664 | HH | 7685                    | 162002  | 6.88%    | 0.558% |
| 308 | 15.684 | 15.664 | 15.689 | HH | 7817                    | 114975  | 4.88%    | 0.396% |
| 309 | 15.693 | 15.689 | 15.731 | HH | 7750                    | 193247  | 8.21%    | 0.666% |
| 310 | 15.772 | 15.731 | 15.811 | HH | 7921                    | 367017  | 15.58%   | 1.265% |
| 311 | 15.844 | 15.811 | 15.850 | HH | 7999                    | 185460  | 7.87%    | 0.639% |
| 312 | 15.876 | 15.850 | 15.906 | HH | 8279                    | 271910  | 11.55%   | 0.937% |
| 313 | 15.928 | 15.906 | 15.934 | HH | 8112                    | 132365  | 5.62%    | 0.456% |
| 314 | 15.964 | 15.934 | 16.000 | HH | 13654                   | 394223  | 16.74%   | 1.359% |
| 315 | 16.024 | 16.000 | 16.037 | HH | 8678                    | 188700  | 8.01%    | 0.650% |
| 316 | 16.068 | 16.037 | 16.079 | HH | 8899                    | 215419  | 9.15%    | 0.742% |
| 317 | 16.149 | 16.079 | 16.168 | HH | 9681                    | 502589  | 21.34%   | 1.732% |
| 318 | 16.243 | 16.168 | 16.267 | HH | 12860                   | 631996  | 26.84%   | 2.178% |
| 319 | 16.275 | 16.267 | 16.289 | HH | 11139                   | 142659  | 6.06%    | 0.492% |
| 320 | 16.294 | 16.289 | 16.300 | HH | 10810                   | 75518   | 3.21%    | 0.260% |
| 321 | 16.325 | 16.300 | 16.334 | HH | 11079                   | 222703  | 9.46%    | 0.768% |
| 322 | 16.403 | 16.334 | 16.423 | HH | 15338                   | 693459  | 29.45%   | 2.390% |
| 323 | 16.447 | 16.423 | 16.477 | HH | 16905                   | 460032  | 19.53%   | 1.586% |
| 324 | 16.525 | 16.477 | 16.549 | HH | 14634                   | 545528  | 23.16%   | 1.880% |
| 325 | 16.573 | 16.549 | 16.602 | HH | 13973                   | 407401  | 17.30%   | 1.404% |
| 326 | 16.633 | 16.602 | 16.653 | HH | 12594                   | 375111  | 15.93%   | 1.293% |
| 327 | 16.660 | 16.653 | 16.665 | HH | 11986                   | 84003   | 3.57%    | 0.290% |
| 328 | 16.671 | 16.665 | 16.678 | HH | 12044                   | 90245   | 3.83%    | 0.311% |
| 329 | 16.724 | 16.678 | 16.760 | HH | 14382                   | 650972  | 27.64%   | 2.244% |
| 330 | 16.782 | 16.760 | 16.837 | HH | 15255                   | 642531  | 27.28%   | 2.215% |
| 331 | 16.857 | 16.837 | 16.862 | HH | 13740                   | 199555  | 8.47%    | 0.688% |
| 332 | 16.916 | 16.862 | 16.934 | HH | 19347                   | 690390  | 29.31%   | 2.380% |
| 333 | 16.958 | 16.934 | 16.989 | HH | 30265                   | 718516  | 30.51%   | 2.476% |
|     |        |        |        |    | Sum of corrected areas: |         | 29013563 |        |

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