

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG093022\  
Data File : FG010730.D  
Signal(s) : FID1A.ch  
Acq On : 30 Sep 2022 10:24  
Sample : N4850-04 100X  
Misc :  
ALS Vial : 6 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         | 4.212       | 4.176        | 4.229      | VH       | 1633           | 37264        | 3.19%          | 0.044%        |
| 2         | 4.243       | 4.229        | 4.261      | HH       | 1165           | 20332        | 1.74%          | 0.024%        |
| 3         | 4.276       | 4.261        | 4.282      | HH       | 1162           | 13228        | 1.13%          | 0.016%        |
| 4         | 4.294       | 4.282        | 4.308      | HH       | 1191           | 16607        | 1.42%          | 0.020%        |
| 5         | 4.329       | 4.308        | 4.385      | HH       | 2027           | 50145        | 4.30%          | 0.059%        |
| 6         | 4.408       | 4.385        | 4.428      | HH       | 1115           | 23442        | 2.01%          | 0.028%        |
| 7         | 4.446       | 4.428        | 4.454      | HH       | 1277           | 17465        | 1.50%          | 0.021%        |
| 8         | 4.474       | 4.454        | 4.486      | HH       | 2437           | 36344        | 3.12%          | 0.043%        |
| 9         | 4.493       | 4.486        | 4.523      | HH       | 2140           | 35444        | 3.04%          | 0.042%        |
| 10        | 4.554       | 4.523        | 4.579      | HH       | 2460           | 52257        | 4.48%          | 0.062%        |
| 11        | 4.595       | 4.579        | 4.605      | HH       | 1437           | 20576        | 1.76%          | 0.024%        |
| 12        | 4.622       | 4.605        | 4.643      | HH       | 1825           | 33744        | 2.89%          | 0.040%        |
| 13        | 4.665       | 4.643        | 4.677      | HH       | 1744           | 29130        | 2.50%          | 0.034%        |
| 14        | 4.697       | 4.677        | 4.717      | HH       | 4098           | 61825        | 5.30%          | 0.073%        |
| 15        | 4.733       | 4.717        | 4.752      | HH       | 2242           | 39241        | 3.36%          | 0.046%        |
| 16        | 4.767       | 4.752        | 4.783      | HH       | 2246           | 34981        | 3.00%          | 0.041%        |
| 17        | 4.792       | 4.783        | 4.812      | HH       | 1852           | 25714        | 2.20%          | 0.030%        |
| 18        | 4.848       | 4.812        | 4.868      | HH       | 1892           | 47812        | 4.10%          | 0.056%        |
| 19        | 4.883       | 4.868        | 4.897      | HH       | 1545           | 21910        | 1.88%          | 0.026%        |
| 20        | 4.914       | 4.897        | 4.921      | HH       | 1721           | 21029        | 1.80%          | 0.025%        |
| 21        | 4.943       | 4.921        | 4.968      | HH       | 3050           | 61994        | 5.31%          | 0.073%        |
| 22        | 4.976       | 4.968        | 4.992      | HH       | 1618           | 20014        | 1.72%          | 0.024%        |
| 23        | 5.044       | 4.992        | 5.054      | HH       | 4250           | 90568        | 7.76%          | 0.107%        |
| 24        | 5.059       | 5.054        | 5.092      | HH       | 3772           | 59331        | 5.09%          | 0.070%        |
| 25        | 5.098       | 5.092        | 5.119      | HH       | 1895           | 26858        | 2.30%          | 0.032%        |
| 26        | 5.156       | 5.119        | 5.171      | HH       | 2558           | 55356        | 4.75%          | 0.065%        |
| 27        | 5.180       | 5.171        | 5.195      | HH       | 2123           | 27647        | 2.37%          | 0.033%        |
| 28        | 5.226       | 5.195        | 5.243      | HH       | 2622           | 62138        | 5.33%          | 0.073%        |
| 29        | 5.259       | 5.243        | 5.273      | HH       | 2706           | 39635        | 3.40%          | 0.047%        |
| 30        | 5.294       | 5.273        | 5.326      | HH       | 2597           | 69014        | 5.92%          | 0.081%        |
| 31        | 5.343       | 5.326        | 5.358      | HH       | 2283           | 36290        | 3.11%          | 0.043%        |
| 32        | 5.366       | 5.358        | 5.385      | HH       | 1709           | 25265        | 2.17%          | 0.030%        |
| 33        | 5.413       | 5.385        | 5.431      | HH       | 4753           | 77430        | 6.64%          | 0.091%        |
| 34        | 5.460       | 5.431        | 5.477      | HH       | 3271           | 69844        | 5.99%          | 0.082%        |
| 35        | 5.488       | 5.477        | 5.503      | HH       | 2294           | 32493        | 2.79%          | 0.038%        |
| 36        | 5.527       | 5.503        | 5.533      | HH       | 2170           | 35003        | 3.00%          | 0.041%        |

|    |       |       |       |    | rteres |        |        |        |
|----|-------|-------|-------|----|--------|--------|--------|--------|
| 37 | 5.537 | 5.533 | 5.552 | HH | 2213   | 25260  | 2.17%  | 0.030% |
| 38 | 5.579 | 5.552 | 5.614 | HH | 8786   | 149446 | 12.81% | 0.176% |
| 39 | 5.638 | 5.614 | 5.660 | HH | 2975   | 69903  | 5.99%  | 0.082% |
| 40 | 5.670 | 5.660 | 5.698 | HH | 2623   | 53072  | 4.55%  | 0.063% |
|    |       |       |       |    |        |        |        |        |
| 41 | 5.717 | 5.698 | 5.729 | HH | 3254   | 48686  | 4.17%  | 0.057% |
| 42 | 5.742 | 5.729 | 5.760 | HH | 2820   | 46501  | 3.99%  | 0.055% |
| 43 | 5.780 | 5.760 | 5.801 | HH | 2726   | 59497  | 5.10%  | 0.070% |
| 44 | 5.813 | 5.801 | 5.826 | HH | 2649   | 39124  | 3.35%  | 0.046% |
| 45 | 5.840 | 5.826 | 5.863 | HH | 2848   | 52334  | 4.49%  | 0.062% |
|    |       |       |       |    |        |        |        |        |
| 46 | 5.907 | 5.863 | 5.915 | HH | 3429   | 83825  | 7.19%  | 0.099% |
| 47 | 5.927 | 5.915 | 5.934 | HH | 3564   | 39173  | 3.36%  | 0.046% |
| 48 | 5.938 | 5.934 | 5.957 | HH | 3482   | 44191  | 3.79%  | 0.052% |
| 49 | 5.967 | 5.957 | 5.978 | HH | 3047   | 34712  | 2.98%  | 0.041% |
| 50 | 5.997 | 5.978 | 6.013 | HH | 3327   | 64680  | 5.54%  | 0.076% |
|    |       |       |       |    |        |        |        |        |
| 51 | 6.028 | 6.013 | 6.048 | HH | 3955   | 69765  | 5.98%  | 0.082% |
| 52 | 6.068 | 6.048 | 6.094 | HH | 4457   | 92154  | 7.90%  | 0.109% |
| 53 | 6.152 | 6.094 | 6.178 | HH | 7972   | 246786 | 21.15% | 0.291% |
| 54 | 6.184 | 6.178 | 6.200 | HH | 4901   | 61096  | 5.24%  | 0.072% |
| 55 | 6.207 | 6.200 | 6.223 | HH | 3924   | 48461  | 4.15%  | 0.057% |
|    |       |       |       |    |        |        |        |        |
| 56 | 6.245 | 6.223 | 6.261 | HH | 4533   | 90479  | 7.76%  | 0.107% |
| 57 | 6.268 | 6.261 | 6.295 | HH | 3718   | 69676  | 5.97%  | 0.082% |
| 58 | 6.326 | 6.295 | 6.352 | HH | 6013   | 159358 | 13.66% | 0.188% |
| 59 | 6.364 | 6.352 | 6.376 | HH | 5090   | 67963  | 5.83%  | 0.080% |
| 60 | 6.392 | 6.376 | 6.424 | HH | 5759   | 128970 | 11.06% | 0.152% |
|    |       |       |       |    |        |        |        |        |
| 61 | 6.433 | 6.424 | 6.444 | HH | 3140   | 35089  | 3.01%  | 0.041% |
| 62 | 6.469 | 6.444 | 6.497 | HH | 5028   | 121983 | 10.46% | 0.144% |
| 63 | 6.511 | 6.497 | 6.521 | HH | 4273   | 56329  | 4.83%  | 0.066% |
| 64 | 6.535 | 6.521 | 6.550 | HH | 5170   | 79746  | 6.84%  | 0.094% |
| 65 | 6.561 | 6.550 | 6.583 | HH | 4738   | 88654  | 7.60%  | 0.104% |
|    |       |       |       |    |        |        |        |        |
| 66 | 6.605 | 6.583 | 6.612 | HH | 8124   | 108725 | 9.32%  | 0.128% |
| 67 | 6.623 | 6.612 | 6.657 | HH | 9741   | 171309 | 14.68% | 0.202% |
| 68 | 6.697 | 6.657 | 6.717 | HH | 6664   | 171591 | 14.71% | 0.202% |
| 69 | 6.743 | 6.717 | 6.758 | HH | 5886   | 125513 | 10.76% | 0.148% |
| 70 | 6.764 | 6.758 | 6.784 | HH | 5630   | 83640  | 7.17%  | 0.099% |
|    |       |       |       |    |        |        |        |        |
| 71 | 6.796 | 6.784 | 6.809 | HH | 5391   | 74497  | 6.39%  | 0.088% |
| 72 | 6.841 | 6.809 | 6.856 | HH | 6165   | 147079 | 12.61% | 0.173% |
| 73 | 6.867 | 6.856 | 6.882 | HH | 5631   | 77569  | 6.65%  | 0.091% |
| 74 | 6.899 | 6.882 | 6.914 | HH | 7078   | 112503 | 9.64%  | 0.133% |
| 75 | 6.933 | 6.914 | 6.953 | HH | 8615   | 151639 | 13.00% | 0.179% |
|    |       |       |       |    |        |        |        |        |
| 76 | 6.973 | 6.953 | 6.995 | HH | 7753   | 165608 | 14.20% | 0.195% |
| 77 | 7.009 | 6.995 | 7.037 | HH | 6604   | 152406 | 13.06% | 0.180% |
| 78 | 7.062 | 7.037 | 7.081 | HH | 7341   | 166900 | 14.31% | 0.197% |
| 79 | 7.095 | 7.081 | 7.136 | HH | 6908   | 199575 | 17.11% | 0.235% |
| 80 | 7.172 | 7.136 | 7.210 | HH | 18335  | 428573 | 36.74% | 0.505% |
|    |       |       |       |    |        |        |        |        |
| 81 | 7.229 | 7.210 | 7.244 | HH | 7511   | 137914 | 11.82% | 0.162% |
| 82 | 7.261 | 7.244 | 7.277 | HH | 8029   | 144586 | 12.39% | 0.170% |
| 83 | 7.286 | 7.277 | 7.309 | HH | 7223   | 120749 | 10.35% | 0.142% |
| 84 | 7.339 | 7.309 | 7.343 | HH | 6458   | 122982 | 10.54% | 0.145% |
| 85 | 7.358 | 7.343 | 7.388 | HH | 6965   | 176332 | 15.12% | 0.208% |
|    |       |       |       |    |        |        |        |        |
| 86 | 7.393 | 7.388 | 7.422 | HH | 6167   | 117668 | 10.09% | 0.139% |
| 87 | 7.446 | 7.422 | 7.464 | HH | 6606   | 154725 | 13.26% | 0.182% |
| 88 | 7.479 | 7.464 | 7.494 | HH | 7115   | 119385 | 10.23% | 0.141% |
| 89 | 7.521 | 7.494 | 7.544 | HH | 8553   | 223812 | 19.19% | 0.264% |

|     |       |       |       |    |        |        |        |        |
|-----|-------|-------|-------|----|--------|--------|--------|--------|
|     |       |       |       |    | rteres |        |        |        |
| 90  | 7.572 | 7.544 | 7.600 | HH | 8641   | 253984 | 21.77% | 0.299% |
| 91  | 7.612 | 7.600 | 7.623 | HH | 6296   | 83628  | 7.17%  | 0.099% |
| 92  | 7.636 | 7.623 | 7.648 | HH | 6509   | 93475  | 8.01%  | 0.110% |
| 93  | 7.667 | 7.648 | 7.697 | HH | 10711  | 225011 | 19.29% | 0.265% |
| 94  | 7.731 | 7.697 | 7.744 | HH | 7200   | 187345 | 16.06% | 0.221% |
| 95  | 7.763 | 7.744 | 7.776 | HH | 6709   | 123267 | 10.57% | 0.145% |
| 96  | 7.794 | 7.776 | 7.803 | HH | 8582   | 123667 | 10.60% | 0.146% |
| 97  | 7.814 | 7.803 | 7.843 | HH | 9171   | 192625 | 16.51% | 0.227% |
| 98  | 7.864 | 7.843 | 7.886 | HH | 7973   | 180095 | 15.44% | 0.212% |
| 99  | 7.917 | 7.886 | 7.928 | HH | 7287   | 173357 | 14.86% | 0.204% |
| 100 | 7.952 | 7.928 | 7.977 | HH | 8706   | 233222 | 19.99% | 0.275% |
| 101 | 7.996 | 7.977 | 8.041 | HH | 10205  | 321592 | 27.57% | 0.379% |
| 102 | 8.057 | 8.041 | 8.076 | HH | 8244   | 158535 | 13.59% | 0.187% |
| 103 | 8.099 | 8.076 | 8.120 | HH | 18892  | 320741 | 27.49% | 0.378% |
| 104 | 8.139 | 8.120 | 8.169 | HH | 12281  | 271653 | 23.29% | 0.320% |
| 105 | 8.186 | 8.169 | 8.199 | HH | 8407   | 138957 | 11.91% | 0.164% |
| 106 | 8.212 | 8.199 | 8.229 | HH | 8743   | 145978 | 12.51% | 0.172% |
| 107 | 8.268 | 8.229 | 8.303 | HH | 8569   | 356976 | 30.60% | 0.420% |
| 108 | 8.333 | 8.303 | 8.357 | HH | 8917   | 265500 | 22.76% | 0.313% |
| 109 | 8.361 | 8.357 | 8.381 | HH | 7875   | 108804 | 9.33%  | 0.128% |
| 110 | 8.418 | 8.381 | 8.437 | HH | 17135  | 376510 | 32.27% | 0.443% |
| 111 | 8.452 | 8.437 | 8.471 | HH | 9670   | 183347 | 15.72% | 0.216% |
| 112 | 8.482 | 8.471 | 8.495 | HH | 8630   | 122088 | 10.47% | 0.144% |
| 113 | 8.520 | 8.495 | 8.538 | HH | 10018  | 236288 | 20.25% | 0.278% |
| 114 | 8.544 | 8.538 | 8.566 | HH | 8845   | 141113 | 12.10% | 0.166% |
| 115 | 8.605 | 8.566 | 8.618 | HH | 8328   | 248623 | 21.31% | 0.293% |
| 116 | 8.647 | 8.618 | 8.674 | HH | 10744  | 314966 | 27.00% | 0.371% |
| 117 | 8.678 | 8.674 | 8.687 | HH | 8484   | 69756  | 5.98%  | 0.082% |
| 118 | 8.716 | 8.687 | 8.743 | HH | 14305  | 352234 | 30.19% | 0.415% |
| 119 | 8.756 | 8.743 | 8.762 | HH | 9409   | 102483 | 8.78%  | 0.121% |
| 120 | 8.781 | 8.762 | 8.801 | HH | 12289  | 254732 | 21.84% | 0.300% |
| 121 | 8.822 | 8.801 | 8.870 | HH | 20365  | 484722 | 41.55% | 0.571% |
| 122 | 8.886 | 8.870 | 8.921 | HH | 11786  | 290645 | 24.91% | 0.342% |
| 123 | 8.948 | 8.921 | 8.958 | HH | 10384  | 212815 | 18.24% | 0.251% |
| 124 | 8.968 | 8.958 | 8.984 | HH | 10114  | 151022 | 12.95% | 0.178% |
| 125 | 9.005 | 8.984 | 9.029 | HH | 10529  | 260067 | 22.29% | 0.306% |
| 126 | 9.043 | 9.029 | 9.062 | HH | 9161   | 179130 | 15.36% | 0.211% |
| 127 | 9.077 | 9.062 | 9.092 | HH | 9275   | 160271 | 13.74% | 0.189% |
| 128 | 9.130 | 9.092 | 9.154 | HH | 9739   | 332836 | 28.53% | 0.392% |
| 129 | 9.182 | 9.154 | 9.211 | HH | 10208  | 310999 | 26.66% | 0.366% |
| 130 | 9.229 | 9.211 | 9.239 | HH | 8966   | 144686 | 12.40% | 0.170% |
| 131 | 9.249 | 9.239 | 9.277 | HH | 8970   | 199532 | 17.10% | 0.235% |
| 132 | 9.297 | 9.277 | 9.324 | HH | 9956   | 255198 | 21.88% | 0.301% |
| 133 | 9.342 | 9.324 | 9.358 | HH | 9332   | 184522 | 15.82% | 0.217% |
| 134 | 9.392 | 9.358 | 9.412 | HH | 10228  | 304919 | 26.14% | 0.359% |
| 135 | 9.474 | 9.412 | 9.510 | HH | 13216  | 585966 | 50.23% | 0.690% |
| 136 | 9.560 | 9.510 | 9.586 | HH | 11580  | 458386 | 39.29% | 0.540% |
| 137 | 9.595 | 9.586 | 9.599 | HH | 9167   | 73997  | 6.34%  | 0.087% |
| 138 | 9.613 | 9.599 | 9.620 | HH | 9493   | 115224 | 9.88%  | 0.136% |
| 139 | 9.646 | 9.620 | 9.678 | HH | 12005  | 356967 | 30.60% | 0.420% |
| 140 | 9.696 | 9.678 | 9.701 | HH | 8892   | 119703 | 10.26% | 0.141% |
| 141 | 9.725 | 9.701 | 9.755 | HH | 9276   | 286861 | 24.59% | 0.338% |

| rteres |        |        |        |    |       |        |        |        |
|--------|--------|--------|--------|----|-------|--------|--------|--------|
| 142    | 9.768  | 9.755  | 9.774  | HH | 9015  | 103479 | 8.87%  | 0.122% |
| 143    | 9.793  | 9.774  | 9.807  | HH | 9554  | 183397 | 15.72% | 0.216% |
| 144    | 9.842  | 9.807  | 9.869  | HH | 10692 | 362207 | 31.05% | 0.427% |
| 145    | 9.890  | 9.869  | 9.916  | HH | 10664 | 276588 | 23.71% | 0.326% |
| 146    | 9.940  | 9.916  | 9.954  | HH | 10153 | 222347 | 19.06% | 0.262% |
| 147    | 9.973  | 9.954  | 9.988  | HH | 9815  | 196275 | 16.82% | 0.231% |
| 148    | 9.993  | 9.988  | 10.000 | HH | 9650  | 73154  | 6.27%  | 0.086% |
| 149    | 10.016 | 10.000 | 10.031 | HH | 9628  | 175326 | 15.03% | 0.207% |
| 150    | 10.051 | 10.031 | 10.069 | HH | 9623  | 212476 | 18.21% | 0.250% |
| 151    | 10.081 | 10.069 | 10.089 | HH | 9269  | 109162 | 9.36%  | 0.129% |
| 152    | 10.114 | 10.089 | 10.140 | HH | 10396 | 296570 | 25.42% | 0.349% |
| 153    | 10.170 | 10.140 | 10.180 | HH | 9955  | 229637 | 19.68% | 0.270% |
| 154    | 10.193 | 10.180 | 10.197 | HH | 10004 | 103788 | 8.90%  | 0.122% |
| 155    | 10.203 | 10.197 | 10.215 | HH | 9889  | 103125 | 8.84%  | 0.121% |
| 156    | 10.220 | 10.215 | 10.234 | HH | 9841  | 112346 | 9.63%  | 0.132% |
| 157    | 10.280 | 10.234 | 10.318 | HH | 18408 | 637270 | 54.63% | 0.751% |
| 158    | 10.348 | 10.318 | 10.368 | HH | 11501 | 321783 | 27.58% | 0.379% |
| 159    | 10.373 | 10.368 | 10.390 | HH | 10609 | 139016 | 11.92% | 0.164% |
| 160    | 10.417 | 10.390 | 10.447 | HH | 12404 | 369296 | 31.66% | 0.435% |
| 161    | 10.464 | 10.447 | 10.494 | HH | 10421 | 287631 | 24.66% | 0.339% |
| 162    | 10.514 | 10.494 | 10.533 | HH | 11011 | 248744 | 21.32% | 0.293% |
| 163    | 10.555 | 10.533 | 10.574 | HH | 11360 | 262888 | 22.53% | 0.310% |
| 164    | 10.601 | 10.574 | 10.607 | HH | 11338 | 220295 | 18.88% | 0.259% |
| 165    | 10.632 | 10.607 | 10.649 | HH | 12092 | 290695 | 24.92% | 0.342% |
| 166    | 10.655 | 10.649 | 10.660 | HH | 11427 | 73481  | 6.30%  | 0.087% |
| 167    | 10.703 | 10.660 | 10.737 | HH | 28969 | 762688 | 65.38% | 0.898% |
| 168    | 10.746 | 10.737 | 10.751 | HH | 11970 | 99497  | 8.53%  | 0.117% |
| 169    | 10.755 | 10.751 | 10.787 | HH | 11958 | 239880 | 20.56% | 0.283% |
| 170    | 10.789 | 10.787 | 10.793 | HH | 10375 | 39704  | 3.40%  | 0.047% |
| 171    | 10.817 | 10.793 | 10.833 | HH | 11562 | 265446 | 22.75% | 0.313% |
| 172    | 10.856 | 10.833 | 10.882 | HH | 12274 | 339982 | 29.14% | 0.400% |
| 173    | 10.889 | 10.882 | 10.919 | HH | 11617 | 250427 | 21.47% | 0.295% |
| 174    | 10.934 | 10.919 | 10.938 | HH | 11366 | 133269 | 11.42% | 0.157% |
| 175    | 10.946 | 10.938 | 10.960 | HH | 11606 | 147680 | 12.66% | 0.174% |
| 176    | 10.971 | 10.960 | 10.976 | HH | 11630 | 110328 | 9.46%  | 0.130% |
| 177    | 10.980 | 10.976 | 11.001 | HH | 11542 | 169252 | 14.51% | 0.199% |
| 178    | 11.022 | 11.001 | 11.058 | HH | 13228 | 409685 | 35.12% | 0.483% |
| 179    | 11.082 | 11.058 | 11.088 | HH | 11519 | 199590 | 17.11% | 0.235% |
| 180    | 11.105 | 11.088 | 11.115 | HH | 11840 | 193016 | 16.55% | 0.227% |
| 181    | 11.124 | 11.115 | 11.137 | HH | 11782 | 153818 | 13.19% | 0.181% |
| 182    | 11.158 | 11.137 | 11.180 | HH | 12063 | 301575 | 25.85% | 0.355% |
| 183    | 11.186 | 11.180 | 11.192 | HH | 11873 | 88144  | 7.56%  | 0.104% |
| 184    | 11.203 | 11.192 | 11.217 | HH | 11849 | 167485 | 14.36% | 0.197% |
| 185    | 11.241 | 11.217 | 11.261 | HH | 11982 | 311870 | 26.73% | 0.367% |
| 186    | 11.279 | 11.261 | 11.304 | HH | 12523 | 308941 | 26.48% | 0.364% |
| 187    | 11.310 | 11.304 | 11.314 | HH | 11833 | 68225  | 5.85%  | 0.080% |
| 188    | 11.335 | 11.314 | 11.367 | HH | 13513 | 397336 | 34.06% | 0.468% |
| 189    | 11.374 | 11.367 | 11.379 | HH | 11766 | 87998  | 7.54%  | 0.104% |
| 190    | 11.384 | 11.379 | 11.390 | HH | 11963 | 73992  | 6.34%  | 0.087% |
| 191    | 11.425 | 11.390 | 11.467 | HH | 23954 | 730089 | 62.58% | 0.860% |
| 192    | 11.482 | 11.467 | 11.495 | HH | 12119 | 194485 | 16.67% | 0.229% |
| 193    | 11.499 | 11.495 | 11.509 | HH | 11501 | 97161  | 8.33%  | 0.114% |
| 194    | 11.511 | 11.509 | 11.517 | HH | 11398 | 55256  | 4.74%  | 0.065% |

| rteres |        |        |        |    |       |        |        |        |
|--------|--------|--------|--------|----|-------|--------|--------|--------|
| 195    | 11.534 | 11.517 | 11.557 | HH | 11780 | 278826 | 23.90% | 0.328% |
| 196    | 11.567 | 11.557 | 11.572 | HH | 11415 | 97462  | 8.35%  | 0.115% |
| 197    | 11.608 | 11.572 | 11.618 | HH | 13527 | 348268 | 29.85% | 0.410% |
| 198    | 11.622 | 11.618 | 11.645 | HH | 13314 | 200731 | 17.21% | 0.236% |
| 199    | 11.649 | 11.645 | 11.668 | HH | 11942 | 162354 | 13.92% | 0.191% |
| 200    | 11.698 | 11.668 | 11.741 | HH | 12670 | 527588 | 45.23% | 0.621% |
| 201    | 11.805 | 11.741 | 11.842 | HH | 13643 | 765790 | 65.64% | 0.902% |
| 202    | 11.845 | 11.842 | 11.849 | HH | 12538 | 49875  | 4.28%  | 0.059% |
| 203    | 11.860 | 11.849 | 11.867 | HH | 12648 | 131324 | 11.26% | 0.155% |
| 204    | 11.872 | 11.867 | 11.886 | HH | 12824 | 144728 | 12.41% | 0.170% |
| 205    | 11.889 | 11.886 | 11.902 | HH | 12619 | 125146 | 10.73% | 0.147% |
| 206    | 11.923 | 11.902 | 11.945 | HH | 13311 | 325693 | 27.92% | 0.384% |
| 207    | 11.984 | 11.945 | 12.055 | HH | 16228 | 883489 | 75.73% | 1.041% |
| 208    | 12.066 | 12.055 | 12.072 | HH | 12128 | 129685 | 11.12% | 0.153% |
| 209    | 12.115 | 12.072 | 12.175 | HH | 13622 | 774005 | 66.35% | 0.912% |
| 210    | 12.200 | 12.175 | 12.222 | HH | 13495 | 354958 | 30.43% | 0.418% |
| 211    | 12.232 | 12.222 | 12.253 | HH | 12604 | 232212 | 19.91% | 0.274% |
| 212    | 12.279 | 12.253 | 12.283 | HH | 12640 | 226528 | 19.42% | 0.267% |
| 213    | 12.293 | 12.283 | 12.298 | HH | 12799 | 114286 | 9.80%  | 0.135% |
| 214    | 12.302 | 12.298 | 12.329 | HH | 12928 | 230470 | 19.76% | 0.271% |
| 215    | 12.343 | 12.329 | 12.362 | HH | 12883 | 246590 | 21.14% | 0.290% |
| 216    | 12.367 | 12.362 | 12.383 | HH | 12899 | 165329 | 14.17% | 0.195% |
| 217    | 12.396 | 12.383 | 12.439 | HH | 13145 | 422642 | 36.23% | 0.498% |
| 218    | 12.455 | 12.439 | 12.463 | HH | 12989 | 183207 | 15.70% | 0.216% |
| 219    | 12.474 | 12.463 | 12.500 | HH | 13322 | 283619 | 24.31% | 0.334% |
| 220    | 12.523 | 12.500 | 12.535 | HH | 12984 | 266209 | 22.82% | 0.314% |
| 221    | 12.557 | 12.535 | 12.589 | HH | 14444 | 449845 | 38.56% | 0.530% |
| 222    | 12.595 | 12.589 | 12.601 | HH | 13217 | 96379  | 8.26%  | 0.114% |
| 223    | 12.606 | 12.601 | 12.616 | HH | 13155 | 115518 | 9.90%  | 0.136% |
| 224    | 12.645 | 12.616 | 12.665 | HH | 15629 | 407400 | 34.92% | 0.480% |
| 225    | 12.676 | 12.665 | 12.687 | HH | 13172 | 174187 | 14.93% | 0.205% |
| 226    | 12.694 | 12.687 | 12.698 | HH | 12736 | 82222  | 7.05%  | 0.097% |
| 227    | 12.726 | 12.698 | 12.752 | HH | 13601 | 419348 | 35.95% | 0.494% |
| 228    | 12.755 | 12.752 | 12.762 | HH | 12976 | 78848  | 6.76%  | 0.093% |
| 229    | 12.768 | 12.762 | 12.775 | HH | 13001 | 101737 | 8.72%  | 0.120% |
| 230    | 12.780 | 12.775 | 12.798 | HH | 13114 | 181374 | 15.55% | 0.214% |
| 231    | 12.805 | 12.798 | 12.816 | HH | 12871 | 135713 | 11.63% | 0.160% |
| 232    | 12.838 | 12.816 | 12.844 | HH | 12713 | 210532 | 18.05% | 0.248% |
| 233    | 12.848 | 12.844 | 12.852 | HH | 12838 | 63380  | 5.43%  | 0.075% |
| 234    | 12.856 | 12.852 | 12.862 | HH | 12647 | 68941  | 5.91%  | 0.081% |
| 235    | 12.885 | 12.862 | 12.895 | HH | 12962 | 257162 | 22.04% | 0.303% |
| 236    | 12.918 | 12.895 | 12.943 | HH | 13573 | 376074 | 32.24% | 0.443% |
| 237    | 12.969 | 12.943 | 12.987 | HH | 14810 | 354097 | 30.35% | 0.417% |
| 238    | 13.014 | 12.987 | 13.034 | HH | 13962 | 380183 | 32.59% | 0.448% |
| 239    | 13.049 | 13.034 | 13.053 | HH | 13112 | 148387 | 12.72% | 0.175% |
| 240    | 13.060 | 13.053 | 13.090 | HH | 13276 | 287184 | 24.62% | 0.338% |
| 241    | 13.094 | 13.090 | 13.101 | HH | 12993 | 83825  | 7.19%  | 0.099% |
| 242    | 13.146 | 13.101 | 13.173 | HH | 15071 | 604969 | 51.86% | 0.713% |
| 243    | 13.183 | 13.173 | 13.193 | HH | 13784 | 161480 | 13.84% | 0.190% |
| 244    | 13.210 | 13.193 | 13.225 | HH | 13550 | 254791 | 21.84% | 0.300% |
| 245    | 13.258 | 13.225 | 13.289 | HH | 14793 | 531092 | 45.53% | 0.626% |
| 246    | 13.310 | 13.289 | 13.338 | HH | 14055 | 391142 | 33.53% | 0.461% |

| rteres |        |        |        |    |       |        |        |        |
|--------|--------|--------|--------|----|-------|--------|--------|--------|
| 247    | 13.368 | 13.338 | 13.381 | HH | 13671 | 343398 | 29.44% | 0.404% |
| 248    | 13.392 | 13.381 | 13.419 | HH | 14168 | 315511 | 27.05% | 0.372% |
| 249    | 13.452 | 13.419 | 13.460 | HH | 13684 | 328988 | 28.20% | 0.388% |
| 250    | 13.490 | 13.460 | 13.509 | HH | 15190 | 425427 | 36.47% | 0.501% |
|        |        |        |        |    |       |        |        |        |
| 251    | 13.529 | 13.509 | 13.548 | HH | 14598 | 334350 | 28.66% | 0.394% |
| 252    | 13.565 | 13.548 | 13.583 | HH | 14857 | 300790 | 25.78% | 0.354% |
| 253    | 13.606 | 13.583 | 13.617 | HH | 14077 | 277210 | 23.76% | 0.327% |
| 254    | 13.622 | 13.617 | 13.627 | HH | 13830 | 85612  | 7.34%  | 0.101% |
| 255    | 13.632 | 13.627 | 13.643 | HH | 13809 | 133849 | 11.47% | 0.158% |
|        |        |        |        |    |       |        |        |        |
| 256    | 13.665 | 13.643 | 13.669 | HH | 14893 | 217127 | 18.61% | 0.256% |
| 257    | 13.674 | 13.669 | 13.684 | HH | 15033 | 134989 | 11.57% | 0.159% |
| 258    | 13.705 | 13.684 | 13.731 | HH | 16690 | 429668 | 36.83% | 0.506% |
| 259    | 13.752 | 13.731 | 13.780 | HH | 15540 | 438775 | 37.61% | 0.517% |
| 260    | 13.786 | 13.780 | 13.790 | HH | 13998 | 79635  | 6.83%  | 0.094% |
|        |        |        |        |    |       |        |        |        |
| 261    | 13.839 | 13.790 | 13.857 | HH | 16858 | 626878 | 53.74% | 0.738% |
| 262    | 13.874 | 13.857 | 13.901 | HH | 15179 | 382462 | 32.78% | 0.451% |
| 263    | 13.917 | 13.901 | 13.921 | HH | 14503 | 171122 | 14.67% | 0.202% |
| 264    | 13.930 | 13.921 | 13.946 | HH | 14939 | 220170 | 18.87% | 0.259% |
| 265    | 13.969 | 13.946 | 13.989 | HH | 15149 | 380262 | 32.60% | 0.448% |
|        |        |        |        |    |       |        |        |        |
| 266    | 13.997 | 13.989 | 14.007 | HH | 14870 | 158241 | 13.56% | 0.186% |
| 267    | 14.029 | 14.007 | 14.038 | HH | 15053 | 277397 | 23.78% | 0.327% |
| 268    | 14.046 | 14.038 | 14.052 | HH | 14983 | 118669 | 10.17% | 0.140% |
| 269    | 14.080 | 14.052 | 14.108 | HH | 16810 | 531065 | 45.52% | 0.626% |
| 270    | 14.114 | 14.108 | 14.123 | HH | 15191 | 134394 | 11.52% | 0.158% |
|        |        |        |        |    |       |        |        |        |
| 271    | 14.148 | 14.123 | 14.167 | HH | 15512 | 398407 | 34.15% | 0.469% |
| 272    | 14.172 | 14.167 | 14.181 | HH | 15104 | 126042 | 10.80% | 0.148% |
| 273    | 14.188 | 14.181 | 14.195 | HH | 15362 | 131315 | 11.26% | 0.155% |
| 274    | 14.200 | 14.195 | 14.207 | HH | 15366 | 107162 | 9.19%  | 0.126% |
| 275    | 14.235 | 14.207 | 14.246 | HH | 16065 | 367645 | 31.51% | 0.433% |
|        |        |        |        |    |       |        |        |        |
| 276    | 14.267 | 14.246 | 14.273 | HH | 16125 | 260978 | 22.37% | 0.307% |
| 277    | 14.294 | 14.273 | 14.311 | HH | 16188 | 358589 | 30.74% | 0.422% |
| 278    | 14.324 | 14.311 | 14.347 | HH | 16126 | 336918 | 28.88% | 0.397% |
| 279    | 14.361 | 14.347 | 14.366 | HH | 15427 | 177751 | 15.24% | 0.209% |
| 280    | 14.399 | 14.366 | 14.450 | HH | 17733 | 812028 | 69.61% | 0.956% |
|        |        |        |        |    |       |        |        |        |
| 281    | 14.500 | 14.450 | 14.519 | HH | 17628 | 686927 | 58.88% | 0.809% |
| 282    | 14.539 | 14.519 | 14.557 | HH | 18255 | 394642 | 33.83% | 0.465% |
| 283    | 14.564 | 14.557 | 14.578 | HH | 16699 | 203080 | 17.41% | 0.239% |
| 284    | 14.586 | 14.578 | 14.604 | HH | 16454 | 249882 | 21.42% | 0.294% |
| 285    | 14.650 | 14.604 | 14.655 | HH | 16828 | 504729 | 43.27% | 0.595% |
|        |        |        |        |    |       |        |        |        |
| 286    | 14.659 | 14.655 | 14.677 | HH | 16670 | 214736 | 18.41% | 0.253% |
| 287    | 14.683 | 14.677 | 14.720 | HH | 16597 | 419498 | 35.96% | 0.494% |
| 288    | 14.749 | 14.720 | 14.767 | HH | 17026 | 461812 | 39.59% | 0.544% |
| 289    | 14.788 | 14.767 | 14.798 | HH | 16935 | 311736 | 26.72% | 0.367% |
| 290    | 14.802 | 14.798 | 14.815 | HH | 16682 | 161919 | 13.88% | 0.191% |
|        |        |        |        |    |       |        |        |        |
| 291    | 14.853 | 14.815 | 14.869 | HH | 17891 | 559849 | 47.99% | 0.659% |
| 292    | 14.887 | 14.869 | 14.922 | HH | 19975 | 563644 | 48.32% | 0.664% |
| 293    | 14.944 | 14.922 | 14.983 | HH | 18149 | 638676 | 54.75% | 0.752% |
| 294    | 15.011 | 14.983 | 15.035 | HH | 18140 | 544738 | 46.70% | 0.642% |
| 295    | 15.055 | 15.035 | 15.071 | HH | 18136 | 382090 | 32.75% | 0.450% |
|        |        |        |        |    |       |        |        |        |
| 296    | 15.095 | 15.071 | 15.121 | HH | 18784 | 529975 | 45.43% | 0.624% |
| 297    | 15.163 | 15.121 | 15.191 | HH | 18243 | 736679 | 63.15% | 0.868% |
| 298    | 15.197 | 15.191 | 15.206 | HH | 17598 | 153670 | 13.17% | 0.181% |
| 299    | 15.210 | 15.206 | 15.221 | HH | 17587 | 159368 | 13.66% | 0.188% |

| rteres |        |        |        |    |       |         |         |        |
|--------|--------|--------|--------|----|-------|---------|---------|--------|
| 300    | 15.230 | 15.221 | 15.258 | HH | 17517 | 388368  | 33.29%  | 0.457% |
| 301    | 15.263 | 15.258 | 15.268 | HH | 17127 | 101166  | 8.67%   | 0.119% |
| 302    | 15.289 | 15.268 | 15.325 | HH | 17820 | 593811  | 50.90%  | 0.699% |
| 303    | 15.330 | 15.325 | 15.335 | HH | 17320 | 98491   | 8.44%   | 0.116% |
| 304    | 15.362 | 15.335 | 15.371 | HH | 17735 | 370877  | 31.79%  | 0.437% |
| 305    | 15.377 | 15.371 | 15.395 | HH | 17927 | 263073  | 22.55%  | 0.310% |
| 306    | 15.401 | 15.395 | 15.410 | HH | 17690 | 154028  | 13.20%  | 0.181% |
| 307    | 15.415 | 15.410 | 15.426 | HH | 17683 | 167400  | 14.35%  | 0.197% |
| 308    | 15.432 | 15.426 | 15.437 | HH | 17851 | 112647  | 9.66%   | 0.133% |
| 309    | 15.443 | 15.437 | 15.452 | HH | 17597 | 157376  | 13.49%  | 0.185% |
| 310    | 15.473 | 15.452 | 15.491 | HH | 19507 | 445894  | 38.22%  | 0.525% |
| 311    | 15.524 | 15.491 | 15.544 | HH | 27546 | 705323  | 60.46%  | 0.831% |
| 312    | 15.560 | 15.544 | 15.590 | HH | 23285 | 565552  | 48.48%  | 0.666% |
| 313    | 15.596 | 15.590 | 15.601 | HH | 17933 | 117822  | 10.10%  | 0.139% |
| 314    | 15.607 | 15.601 | 15.615 | HH | 17911 | 147833  | 12.67%  | 0.174% |
| 315    | 15.627 | 15.615 | 15.633 | HH | 18139 | 194792  | 16.70%  | 0.229% |
| 316    | 15.667 | 15.633 | 15.671 | HH | 19904 | 429340  | 36.80%  | 0.506% |
| 317    | 15.684 | 15.671 | 15.705 | HH | 21301 | 420587  | 36.05%  | 0.495% |
| 318    | 15.709 | 15.705 | 15.741 | HH | 20182 | 417068  | 35.75%  | 0.491% |
| 319    | 15.778 | 15.741 | 15.786 | HH | 20103 | 518856  | 44.48%  | 0.611% |
| 320    | 15.800 | 15.786 | 15.813 | HH | 20076 | 318179  | 27.27%  | 0.375% |
| 321    | 15.818 | 15.813 | 15.833 | HH | 19739 | 236363  | 20.26%  | 0.278% |
| 322    | 15.855 | 15.833 | 15.888 | HH | 19679 | 629738  | 53.98%  | 0.742% |
| 323    | 15.896 | 15.888 | 15.911 | HH | 18966 | 251434  | 21.55%  | 0.296% |
| 324    | 15.917 | 15.911 | 15.930 | HH | 18839 | 219933  | 18.85%  | 0.259% |
| 325    | 15.970 | 15.930 | 15.991 | HH | 21272 | 718576  | 61.60%  | 0.846% |
| 326    | 16.016 | 15.991 | 16.054 | HH | 20547 | 741992  | 63.60%  | 0.874% |
| 327    | 16.061 | 16.054 | 16.072 | HH | 19289 | 213956  | 18.34%  | 0.252% |
| 328    | 16.130 | 16.072 | 16.152 | HH | 24222 | 1015172 | 87.02%  | 1.196% |
| 329    | 16.165 | 16.152 | 16.185 | HH | 23018 | 427996  | 36.69%  | 0.504% |
| 330    | 16.202 | 16.185 | 16.227 | HH | 22747 | 556823  | 47.73%  | 0.656% |
| 331    | 16.232 | 16.227 | 16.257 | HH | 21791 | 371063  | 31.81%  | 0.437% |
| 332    | 16.289 | 16.257 | 16.305 | HH | 23089 | 647240  | 55.48%  | 0.762% |
| 333    | 16.332 | 16.305 | 16.360 | HH | 24008 | 729563  | 62.54%  | 0.859% |
| 334    | 16.405 | 16.360 | 16.447 | HH | 25758 | 1166578 | 100.00% | 1.374% |
| 335    | 16.456 | 16.447 | 16.479 | HH | 22312 | 418917  | 35.91%  | 0.493% |
| 336    | 16.490 | 16.479 | 16.511 | HH | 21136 | 395496  | 33.90%  | 0.466% |
| 337    | 16.518 | 16.511 | 16.530 | HH | 20813 | 238002  | 20.40%  | 0.280% |
| 338    | 16.546 | 16.530 | 16.567 | HH | 21552 | 463143  | 39.70%  | 0.546% |
| 339    | 16.593 | 16.567 | 16.624 | HH | 22333 | 745402  | 63.90%  | 0.878% |
| 340    | 16.635 | 16.624 | 16.654 | HH | 22407 | 401311  | 34.40%  | 0.473% |
| 341    | 16.693 | 16.654 | 16.700 | HH | 23376 | 612887  | 52.54%  | 0.722% |
| 342    | 16.727 | 16.700 | 16.758 | HH | 31854 | 906921  | 77.74%  | 1.068% |
| 343    | 16.782 | 16.758 | 16.817 | HH | 26626 | 830588  | 71.20%  | 0.978% |
| 344    | 16.821 | 16.817 | 16.827 | HH | 21685 | 140114  | 12.01%  | 0.165% |
| 345    | 16.846 | 16.827 | 16.850 | HH | 22391 | 300389  | 25.75%  | 0.354% |
| 346    | 16.865 | 16.850 | 16.870 | HH | 22855 | 262537  | 22.50%  | 0.309% |
| 347    | 16.874 | 16.870 | 16.878 | HH | 22853 | 117505  | 10.07%  | 0.138% |
| 348    | 16.883 | 16.878 | 16.896 | HH | 23155 | 239681  | 20.55%  | 0.282% |
| 349    | 16.925 | 16.896 | 16.958 | HH | 26726 | 911587  | 78.14%  | 1.074% |
| 350    | 16.963 | 16.958 | 16.978 | HH | 23167 | 262949  | 22.54%  | 0.310% |

Sum of corrected areas: 84896003

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