

Instrument :  
FID\_G  
ClientSampleId :  
BSY1-SB-121314-0-3

rteres

# Area Percent Report

Manual Integrations  
APPROVED

mohammad  
8/12/2021 12:03:14 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG081121\  
Data File : FG008588.D  
Signal(s) : FID1A.ch  
Acq On : 11 Aug 2021 15:00  
Sample : M3331-12  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG071521.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         | 2.357       | 2.322        | 2.402      | BH       | 3182           | 22506        | 0.14%          | 0.006%        |
| 2         | 2.431       | 2.402        | 2.453      | PH       | -31            | -5876        | -0.04%         | -0.001%       |
| 3         | 2.464       | 2.453        | 2.474      | PH       | -228           | -3519        | -0.02%         | -0.001%       |
| 4         | 2.487       | 2.474        | 2.502      | PH       | 1              | -2647        | -0.02%         | -0.001%       |
| 5         | 2.529       | 2.502        | 2.567      | PH       | 797            | 3625         | 0.02%          | 0.001%        |
| 6         | 2.585       | 2.567        | 2.613      | PH       | 1259           | 6713         | 0.04%          | 0.002%        |
| 7         | 2.635       | 2.613        | 2.661      | PH       | 2959           | 33469        | 0.20%          | 0.008%        |
| 8         | 2.687       | 2.661        | 2.701      | HH       | 3025           | 34237        | 0.21%          | 0.008%        |
| 9         | 2.713       | 2.701        | 2.791      | HH       | 1641           | 29383        | 0.18%          | 0.007%        |
| 10        | 2.818       | 2.791        | 2.888      | PH       | 2072           | 20128        | 0.12%          | 0.005%        |
| 11        | 2.908       | 2.888        | 2.941      | PH       | 6323           | 76841        | 0.46%          | 0.019%        |
| 12        | 2.972       | 2.941        | 2.995      | HH       | 941            | 10796        | 0.07%          | 0.003%        |
| 13        | 3.015       | 2.995        | 3.055      | HH       | 923            | 15083        | 0.09%          | 0.004%        |
| 14        | 3.087       | 3.055        | 3.117      | PH       | 2172           | 34681        | 0.21%          | 0.009%        |
| 15        | 3.135       | 3.117        | 3.154      | HH       | 6785           | 56504        | 0.34%          | 0.014%        |
| 16        | 3.167       | 3.154        | 3.182      | HH       | 1308           | 12137        | 0.07%          | 0.003%        |
| 17        | 3.205       | 3.182        | 3.219      | HH       | 1154           | 14563        | 0.09%          | 0.004%        |
| 18        | 3.229       | 3.219        | 3.245      | HH       | 715            | 5313         | 0.03%          | 0.001%        |
| 19        | 3.261       | 3.245        | 3.313      | PH       | 3987           | 38381        | 0.23%          | 0.009%        |
| 20        | 3.330       | 3.313        | 3.358      | PH       | 693            | 3438         | 0.02%          | 0.001%        |
| 21        | 3.384       | 3.358        | 3.418      | PH       | 4068           | 40439        | 0.24%          | 0.010%        |
| 22        | 3.429       | 3.418        | 3.467      | HH       | 753            | 2700         | 0.02%          | 0.001%        |
| 23        | 3.486       | 3.467        | 3.498      | PH       | 781            | 4141         | 0.03%          | 0.001%        |
| 24        | 3.511       | 3.498        | 3.524      | PH       | 855            | 6628         | 0.04%          | 0.002%        |
| 25        | 3.536       | 3.524        | 3.555      | HH       | 873            | 7189         | 0.04%          | 0.002%        |
| 26        | 3.577       | 3.555        | 3.622      | PH       | 1228           | 13465        | 0.08%          | 0.003%        |
| 27        | 3.656       | 3.622        | 3.675      | PH       | 2462           | 33757        | 0.20%          | 0.008%        |
| 28        | 3.687       | 3.675        | 3.702      | HH       | 1316           | 14541        | 0.09%          | 0.004%        |
| 29        | 3.713       | 3.702        | 3.732      | HH       | 759            | 11259        | 0.07%          | 0.003%        |
| 30        | 3.759       | 3.732        | 3.783      | HH       | 2524           | 38027        | 0.23%          | 0.009%        |
| 31        | 3.798       | 3.783        | 3.813      | HH       | 1570           | 17309        | 0.10%          | 0.004%        |
| 32        | 3.833       | 3.813        | 3.867      | HH       | 1996           | 31020        | 0.19%          | 0.008%        |
| 33        | 3.883       | 3.867        | 3.918      | HH       | 3340           | 44225        | 0.27%          | 0.011%        |
| 34        | 3.931       | 3.918        | 3.947      | HH       | 1075           | 8184         | 0.05%          | 0.002%        |
| 35        | 3.969       | 3.947        | 3.995      | PH       | 2772           | 30348        | 0.18%          | 0.007%        |
| 36        | 4.006       | 3.995        | 4.024      | HH       | 447            | 4983         | 0.03%          | 0.001%        |

| rteres |       |       |       |    |        |         |       |        |
|--------|-------|-------|-------|----|--------|---------|-------|--------|
| 37     | 4.060 | 4.024 | 4.078 | PH | 4290   | 67342   | 0.41% | 0.017% |
| 38     | 4.096 | 4.078 | 4.141 | HH | 3383   | 75947   | 0.46% | 0.019% |
| 39     | 4.152 | 4.141 | 4.179 | HH | 1597   | 18954   | 0.11% | 0.005% |
| 40     | 4.224 | 4.179 | 4.245 | HH | 7106   | 92865   | 0.56% | 0.023% |
| 41     | 4.257 | 4.245 | 4.295 | HH | 2008   | 36780   | 0.22% | 0.009% |
| 42     | 4.302 | 4.295 | 4.349 | HH | 702    | 10362   | 0.06% | 0.003% |
| 43     | 4.379 | 4.349 | 4.399 | PH | 669    | 11070   | 0.07% | 0.003% |
| 44     | 4.416 | 4.399 | 4.434 | HH | 1173   | 13126   | 0.08% | 0.003% |
| 45     | 4.459 | 4.434 | 4.487 | HH | 6591   | 72682   | 0.44% | 0.018% |
| 46     | 4.505 | 4.487 | 4.521 | HH | 2611   | 26158   | 0.16% | 0.006% |
| 47     | 4.534 | 4.521 | 4.548 | HH | 1241   | 13138   | 0.08% | 0.003% |
| 48     | 4.563 | 4.548 | 4.586 | HH | 984    | 12865   | 0.08% | 0.003% |
| 49     | 4.608 | 4.586 | 4.645 | HH | 5045   | 58700   | 0.35% | 0.014% |
| 50     | 4.680 | 4.645 | 4.700 | HH | 2621   | 48013   | 0.29% | 0.012% |
| 51     | 4.715 | 4.700 | 4.731 | HH | 2708   | 28889   | 0.17% | 0.007% |
| 52     | 4.746 | 4.731 | 4.779 | HH | 1676   | 23159   | 0.14% | 0.006% |
| 53     | 4.801 | 4.779 | 4.827 | HH | 3030   | 49898   | 0.30% | 0.012% |
| 54     | 4.842 | 4.827 | 4.861 | HH | 3121   | 36319   | 0.22% | 0.009% |
| 55     | 4.882 | 4.861 | 4.903 | HH | 2339   | 33663   | 0.20% | 0.008% |
| 56     | 4.938 | 4.903 | 4.978 | HH | 1731   | 35838   | 0.22% | 0.009% |
| 57     | 4.993 | 4.978 | 5.008 | HH | 963    | 9904    | 0.06% | 0.002% |
| 58     | 5.032 | 5.008 | 5.041 | HH | 660    | 9244    | 0.06% | 0.002% |
| 59     | 5.055 | 5.041 | 5.080 | HH | 902    | 15953   | 0.10% | 0.004% |
| 60     | 5.104 | 5.080 | 5.131 | HH | 2087   | 37078   | 0.22% | 0.009% |
| 61     | 5.142 | 5.131 | 5.169 | HH | 1282   | 20073   | 0.12% | 0.005% |
| 62     | 5.184 | 5.169 | 5.194 | HH | 1833   | 17321   | 0.10% | 0.004% |
| 63     | 5.205 | 5.194 | 5.225 | HH | 1681   | 19759   | 0.12% | 0.005% |
| 64     | 5.236 | 5.225 | 5.252 | HH | 572    | 4766    | 0.03% | 0.001% |
| 65     | 5.270 | 5.252 | 5.285 | PH | 217    | 1146    | 0.01% | 0.000% |
| 66     | 5.321 | 5.285 | 5.354 | PH | 2473   | 32749   | 0.20% | 0.008% |
| 67     | 5.377 | 5.354 | 5.412 | HH | 1293   | 26134   | 0.16% | 0.006% |
| 68     | 5.429 | 5.412 | 5.441 | PH | 291    | 2987    | 0.02% | 0.001% |
| 69     | 5.456 | 5.441 | 5.477 | HH | 672    | 6570    | 0.04% | 0.002% |
| 70     | 5.502 | 5.477 | 5.522 | PH | 7246   | 77559   | 0.47% | 0.019% |
| 71     | 5.534 | 5.522 | 5.547 | HH | 1466   | 18219   | 0.11% | 0.004% |
| 72     | 5.557 | 5.547 | 5.588 | HH | 1425   | 17319   | 0.10% | 0.004% |
| 73     | 5.615 | 5.588 | 5.651 | HH | 1030   | 12519   | 0.08% | 0.003% |
| 74     | 5.692 | 5.651 | 5.731 | PH | 1777   | 33693   | 0.20% | 0.008% |
| 75     | 5.741 | 5.731 | 5.762 | HH | 874    | 12081   | 0.07% | 0.003% |
| 76     | 5.805 | 5.762 | 5.827 | HH | 2004   | 48966   | 0.30% | 0.012% |
| 77     | 5.843 | 5.827 | 5.860 | HH | 1270   | 13797   | 0.08% | 0.003% |
| 78     | 5.877 | 5.860 | 5.892 | HH | 1358   | 15706   | 0.09% | 0.004% |
| 79     | 5.917 | 5.892 | 5.941 | HH | 1249   | 28609   | 0.17% | 0.007% |
| 80     | 5.959 | 5.941 | 5.984 | HH | 1482   | 22332   | 0.13% | 0.005% |
| 81     | 6.015 | 5.984 | 6.032 | HH | 1643   | 32705   | 0.20% | 0.008% |
| 82     | 6.058 | 6.032 | 6.087 | HH | 16041  | 192006  | 1.16% | 0.047% |
| 83     | 6.112 | 6.087 | 6.178 | HH | 110268 | 1193183 | 7.21% | 0.293% |
| 84     | 6.202 | 6.178 | 6.225 | HH | 4004   | 70554   | 0.43% | 0.017% |
| 85     | 6.275 | 6.225 | 6.291 | HH | 1511   | 50690   | 0.31% | 0.012% |
| 86     | 6.332 | 6.291 | 6.348 | HH | 2221   | 53151   | 0.32% | 0.013% |
| 87     | 6.371 | 6.348 | 6.388 | HH | 1350   | 29990   | 0.18% | 0.007% |
| 88     | 6.410 | 6.388 | 6.457 | HH | 1847   | 56684   | 0.34% | 0.014% |
| 89     | 6.487 | 6.457 | 6.554 | HH | 7667   | 115819  | 0.70% | 0.028% |

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| rteres |       |       |       |    |       |        |       |        |
|--------|-------|-------|-------|----|-------|--------|-------|--------|
| 90     | 6.585 | 6.554 | 6.613 | HH | 1788  | 40724  | 0.25% | 0.010% |
| 91     | 6.636 | 6.613 | 6.659 | HH | 3778  | 54144  | 0.33% | 0.013% |
| 92     | 6.688 | 6.659 | 6.728 | HH | 1428  | 35199  | 0.21% | 0.009% |
| 93     | 6.769 | 6.728 | 6.788 | HH | 1062  | 21667  | 0.13% | 0.005% |
| 94     | 6.815 | 6.788 | 6.860 | HH | 1815  | 47189  | 0.29% | 0.012% |
| 95     | 6.894 | 6.860 | 6.938 | HH | 1772  | 49520  | 0.30% | 0.012% |
| 96     | 6.984 | 6.938 | 6.996 | HH | 2507  | 64921  | 0.39% | 0.016% |
| 97     | 7.010 | 6.996 | 7.034 | HH | 2602  | 51789  | 0.31% | 0.013% |
| 98     | 7.049 | 7.034 | 7.073 | HH | 2318  | 40251  | 0.24% | 0.010% |
| 99     | 7.119 | 7.073 | 7.174 | HH | 19414 | 299181 | 1.81% | 0.074% |
| 100    | 7.192 | 7.174 | 7.231 | HH | 6046  | 96333  | 0.58% | 0.024% |
| 101    | 7.254 | 7.231 | 7.276 | HH | 11944 | 138165 | 0.83% | 0.034% |
| 102    | 7.287 | 7.276 | 7.312 | HH | 2380  | 37655  | 0.23% | 0.009% |
| 103    | 7.317 | 7.312 | 7.355 | HH | 1390  | 27984  | 0.17% | 0.007% |
| 104    | 7.376 | 7.355 | 7.386 | HH | 1445  | 22533  | 0.14% | 0.006% |
| 105    | 7.416 | 7.386 | 7.492 | HH | 9830  | 245118 | 1.48% | 0.060% |
| 106    | 7.502 | 7.492 | 7.521 | HH | 1835  | 28142  | 0.17% | 0.007% |
| 107    | 7.536 | 7.521 | 7.564 | HH | 1589  | 35032  | 0.21% | 0.009% |
| 108    | 7.591 | 7.564 | 7.618 | HH | 2206  | 51411  | 0.31% | 0.013% |
| 109    | 7.644 | 7.618 | 7.660 | HH | 1302  | 27580  | 0.17% | 0.007% |
| 110    | 7.674 | 7.660 | 7.687 | HH | 1138  | 16390  | 0.10% | 0.004% |
| 111    | 7.707 | 7.687 | 7.735 | HH | 1966  | 39558  | 0.24% | 0.010% |
| 112    | 7.755 | 7.735 | 7.775 | HH | 1838  | 34826  | 0.21% | 0.009% |
| 113    | 7.781 | 7.775 | 7.795 | HH | 1317  | 14102  | 0.09% | 0.003% |
| 114    | 7.846 | 7.795 | 7.886 | HH | 4396  | 142509 | 0.86% | 0.035% |
| 115    | 7.896 | 7.886 | 7.919 | HH | 2597  | 41097  | 0.25% | 0.010% |
| 116    | 7.939 | 7.919 | 7.960 | HH | 2356  | 44778  | 0.27% | 0.011% |
| 117    | 8.004 | 7.960 | 8.058 | HH | 4544  | 172497 | 1.04% | 0.042% |
| 118    | 8.067 | 8.058 | 8.078 | HH | 1903  | 23254  | 0.14% | 0.006% |
| 119    | 8.110 | 8.078 | 8.157 | HH | 10642 | 247390 | 1.49% | 0.061% |
| 120    | 8.182 | 8.157 | 8.198 | HH | 3742  | 74783  | 0.45% | 0.018% |
| 121    | 8.220 | 8.198 | 8.235 | HH | 10376 | 136582 | 0.83% | 0.034% |
| 122    | 8.249 | 8.235 | 8.266 | HH | 9254  | 124126 | 0.75% | 0.031% |
| 123    | 8.287 | 8.266 | 8.317 | HH | 15558 | 232215 | 1.40% | 0.057% |
| 124    | 8.335 | 8.317 | 8.358 | HH | 3265  | 66931  | 0.40% | 0.016% |
| 125    | 8.406 | 8.358 | 8.441 | HH | 20259 | 379588 | 2.29% | 0.093% |
| 126    | 8.455 | 8.441 | 8.476 | HH | 4122  | 69944  | 0.42% | 0.017% |
| 127    | 8.494 | 8.476 | 8.527 | HH | 3862  | 88407  | 0.53% | 0.022% |
| 128    | 8.540 | 8.527 | 8.558 | HH | 2557  | 42683  | 0.26% | 0.010% |
| 129    | 8.574 | 8.558 | 8.598 | HH | 2335  | 50394  | 0.30% | 0.012% |
| 130    | 8.618 | 8.598 | 8.629 | HH | 2310  | 38112  | 0.23% | 0.009% |
| 131    | 8.653 | 8.629 | 8.678 | HH | 3760  | 86068  | 0.52% | 0.021% |
| 132    | 8.701 | 8.678 | 8.721 | HH | 4174  | 87635  | 0.53% | 0.022% |
| 133    | 8.753 | 8.721 | 8.795 | HH | 6417  | 207775 | 1.26% | 0.051% |
| 134    | 8.826 | 8.795 | 8.851 | HH | 10318 | 200399 | 1.21% | 0.049% |
| 135    | 8.878 | 8.851 | 8.898 | HH | 4292  | 104401 | 0.63% | 0.026% |
| 136    | 8.911 | 8.898 | 8.920 | HH | 3732  | 48242  | 0.29% | 0.012% |
| 137    | 8.940 | 8.920 | 8.958 | HH | 6551  | 111242 | 0.67% | 0.027% |
| 138    | 8.976 | 8.958 | 8.998 | HH | 7910  | 129346 | 0.78% | 0.032% |
| 139    | 9.015 | 8.998 | 9.048 | HH | 5281  | 134578 | 0.81% | 0.033% |
| 140    | 9.064 | 9.048 | 9.081 | HH | 4264  | 73039  | 0.44% | 0.018% |
| 141    | 9.113 | 9.081 | 9.136 | HH | 16452 | 253151 | 1.53% | 0.062% |

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|--------|--------|--------|--------|----|-------|--------|-------|--------|--|
| rteres |        |        |        |    |       |        |       |        |  |
| 142    | 9.152  | 9.136  | 9.185  | HH | 6236  | 129991 | 0.79% | 0.032% |  |
| 143    | 9.203  | 9.185  | 9.222  | HH | 3400  | 70248  | 0.42% | 0.017% |  |
| 144    | 9.267  | 9.222  | 9.284  | HH | 5803  | 140003 | 0.85% | 0.034% |  |
| 145    | 9.300  | 9.284  | 9.335  | HH | 5864  | 122634 | 0.74% | 0.030% |  |
| 146    | 9.351  | 9.335  | 9.368  | HH | 3909  | 70394  | 0.43% | 0.017% |  |
| 147    | 9.405  | 9.368  | 9.426  | HH | 6343  | 151959 | 0.92% | 0.037% |  |
| 148    | 9.445  | 9.426  | 9.470  | HH | 7198  | 136896 | 0.83% | 0.034% |  |
| 149    | 9.491  | 9.470  | 9.539  | HH | 6834  | 220306 | 1.33% | 0.054% |  |
| 150    | 9.568  | 9.539  | 9.603  | HH | 8988  | 228640 | 1.38% | 0.056% |  |
| 151    | 9.634  | 9.603  | 9.652  | HH | 5409  | 146878 | 0.89% | 0.036% |  |
| 152    | 9.671  | 9.652  | 9.706  | HH | 6304  | 178971 | 1.08% | 0.044% |  |
| 153    | 9.727  | 9.706  | 9.742  | HH | 5537  | 111130 | 0.67% | 0.027% |  |
| 154    | 9.766  | 9.742  | 9.790  | HH | 6222  | 146741 | 0.89% | 0.036% |  |
| 155    | 9.813  | 9.790  | 9.872  | HH | 7095  | 273166 | 1.65% | 0.067% |  |
| 156    | 9.895  | 9.872  | 9.958  | HH | 15200 | 404546 | 2.44% | 0.099% |  |
| 157    | 9.975  | 9.958  | 9.989  | HH | 5538  | 95799  | 0.58% | 0.024% |  |
| 158    | 10.001 | 9.989  | 10.036 | HH | 5170  | 128026 | 0.77% | 0.031% |  |
| 159    | 10.072 | 10.036 | 10.096 | HH | 4973  | 163037 | 0.98% | 0.040% |  |
| 160    | 10.108 | 10.096 | 10.151 | HH | 4462  | 135142 | 0.82% | 0.033% |  |
| 161    | 10.174 | 10.151 | 10.187 | HH | 4639  | 92731  | 0.56% | 0.023% |  |
| 162    | 10.202 | 10.187 | 10.215 | HH | 4718  | 76468  | 0.46% | 0.019% |  |
| 163    | 10.236 | 10.215 | 10.258 | HH | 6070  | 137775 | 0.83% | 0.034% |  |
| 164    | 10.285 | 10.258 | 10.308 | HH | 9947  | 206366 | 1.25% | 0.051% |  |
| 165    | 10.342 | 10.308 | 10.358 | HH | 7799  | 202088 | 1.22% | 0.050% |  |
| 166    | 10.373 | 10.358 | 10.397 | HH | 7744  | 152423 | 0.92% | 0.037% |  |
| 167    | 10.420 | 10.397 | 10.457 | HH | 7850  | 232203 | 1.40% | 0.057% |  |
| 168    | 10.489 | 10.457 | 10.515 | HH | 7508  | 222756 | 1.35% | 0.055% |  |
| 169    | 10.548 | 10.515 | 10.578 | HH | 12161 | 326430 | 1.97% | 0.080% |  |
| 170    | 10.590 | 10.578 | 10.602 | HH | 7921  | 111816 | 0.68% | 0.027% |  |
| 171    | 10.635 | 10.602 | 10.678 | HH | 17472 | 459877 | 2.78% | 0.113% |  |
| 172    | 10.707 | 10.678 | 10.755 | HH | 17951 | 494209 | 2.99% | 0.121% |  |
| 173    | 10.767 | 10.755 | 10.814 | HH | 8182  | 273555 | 1.65% | 0.067% |  |
| 174    | 10.835 | 10.814 | 10.843 | HH | 7846  | 131913 | 0.80% | 0.032% |  |
| 175    | 10.860 | 10.843 | 10.875 | HH | 9790  | 158809 | 0.96% | 0.039% |  |
| 176    | 10.897 | 10.875 | 10.942 | HH | 27306 | 537743 | 3.25% | 0.132% |  |
| 177    | 10.973 | 10.942 | 11.015 | HH | 30298 | 609073 | 3.68% | 0.150% |  |
| 178    | 11.029 | 11.015 | 11.074 | HH | 9011  | 286483 | 1.73% | 0.070% |  |
| 179    | 11.088 | 11.074 | 11.125 | HH | 8039  | 226652 | 1.37% | 0.056% |  |
| 180    | 11.147 | 11.125 | 11.162 | HH | 8161  | 167991 | 1.01% | 0.041% |  |
| 181    | 11.191 | 11.162 | 11.232 | HH | 15650 | 428156 | 2.59% | 0.105% |  |
| 182    | 11.264 | 11.232 | 11.275 | HH | 8558  | 208608 | 1.26% | 0.051% |  |
| 183    | 11.311 | 11.275 | 11.320 | HH | 9803  | 249962 | 1.51% | 0.061% |  |
| 184    | 11.340 | 11.320 | 11.382 | HH | 17588 | 443955 | 2.68% | 0.109% |  |
| 185    | 11.427 | 11.382 | 11.474 | HH | 15189 | 583184 | 3.52% | 0.143% |  |
| 186    | 11.498 | 11.474 | 11.517 | HH | 10270 | 234698 | 1.42% | 0.058% |  |
| 187    | 11.537 | 11.517 | 11.570 | HH | 12139 | 322447 | 1.95% | 0.079% |  |
| 188    | 11.590 | 11.570 | 11.635 | HH | 11250 | 382393 | 2.31% | 0.094% |  |
| 189    | 11.653 | 11.635 | 11.674 | HH | 9598  | 219846 | 1.33% | 0.054% |  |
| 190    | 11.702 | 11.674 | 11.717 | HH | 15387 | 295228 | 1.78% | 0.073% |  |
| 191    | 11.734 | 11.717 | 11.771 | HH | 19608 | 432297 | 2.61% | 0.106% |  |
| 192    | 11.817 | 11.771 | 11.834 | HH | 13458 | 448810 | 2.71% | 0.110% |  |
| 193    | 11.852 | 11.834 | 11.867 | HH | 15749 | 260803 | 1.58% | 0.064% |  |
| 194    | 11.884 | 11.867 | 11.921 | HH | 16249 | 397822 | 2.40% | 0.098% |  |

Instrument :  
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| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 195    | 11.955 | 11.921 | 11.977 | HH | 12342  | 356253  | 2.15%  | 0.088% |
| 196    | 12.013 | 11.977 | 12.045 | HH | 18230  | 552915  | 3.34%  | 0.136% |
| 197    | 12.067 | 12.045 | 12.087 | HH | 21549  | 396515  | 2.40%  | 0.097% |
| 198    | 12.102 | 12.087 | 12.152 | HH | 14549  | 484595  | 2.93%  | 0.119% |
| 199    | 12.177 | 12.152 | 12.218 | HH | 15989  | 498172  | 3.01%  | 0.122% |
| 200    | 12.267 | 12.218 | 12.308 | HH | 51031  | 1087556 | 6.57%  | 0.267% |
| 201    | 12.319 | 12.308 | 12.339 | HH | 12701  | 234100  | 1.41%  | 0.058% |
| 202    | 12.358 | 12.339 | 12.372 | HH | 13126  | 240266  | 1.45%  | 0.059% |
| 203    | 12.382 | 12.372 | 12.394 | HH | 12861  | 171311  | 1.03%  | 0.042% |
| 204    | 12.427 | 12.394 | 12.466 | HH | 13795  | 553464  | 3.34%  | 0.136% |
| 205    | 12.514 | 12.466 | 12.537 | HH | 15175  | 574821  | 3.47%  | 0.141% |
| 206    | 12.562 | 12.537 | 12.586 | HH | 17280  | 430117  | 2.60%  | 0.106% |
| 207    | 12.607 | 12.586 | 12.626 | HH | 19432  | 395512  | 2.39%  | 0.097% |
| 208    | 12.655 | 12.626 | 12.698 | HH | 22453  | 732472  | 4.42%  | 0.180% |
| 209    | 12.724 | 12.698 | 12.781 | HH | 78568  | 1379074 | 8.33%  | 0.339% |
| 210    | 12.791 | 12.781 | 12.805 | HH | 13520  | 191805  | 1.16%  | 0.047% |
| 211    | 12.825 | 12.805 | 12.836 | HH | 14362  | 256913  | 1.55%  | 0.063% |
| 212    | 12.862 | 12.836 | 12.894 | HH | 19003  | 566244  | 3.42%  | 0.139% |
| 213    | 12.937 | 12.894 | 12.994 | HH | 18175  | 959283  | 5.79%  | 0.236% |
| 214    | 13.024 | 12.994 | 13.065 | HH | 77447  | 1364272 | 8.24%  | 0.335% |
| 215    | 13.077 | 13.065 | 13.094 | HH | 17827  | 302587  | 1.83%  | 0.074% |
| 216    | 13.113 | 13.094 | 13.134 | HH | 20330  | 415801  | 2.51%  | 0.102% |
| 217    | 13.147 | 13.134 | 13.164 | HH | 16273  | 283932  | 1.72%  | 0.070% |
| 218    | 13.200 | 13.164 | 13.215 | HH | 17803  | 494357  | 2.99%  | 0.122% |
| 219    | 13.230 | 13.215 | 13.249 | HH | 18777  | 354211  | 2.14%  | 0.087% |
| 220    | 13.294 | 13.249 | 13.341 | HH | 32307  | 1196952 | 7.23%  | 0.294% |
| 221    | 13.355 | 13.341 | 13.405 | HH | 18775  | 679927  | 4.11%  | 0.167% |
| 222    | 13.485 | 13.405 | 13.568 | HH | 22018  | 1823609 | 11.02% | 0.448% |
| 223    | 13.615 | 13.568 | 13.661 | HH | 28412  | 1166788 | 7.05%  | 0.287% |
| 224    | 13.682 | 13.661 | 13.705 | HH | 19551  | 497820  | 3.01%  | 0.122% |
| 225    | 13.725 | 13.705 | 13.742 | HH | 22282  | 453142  | 2.74%  | 0.111% |
| 226    | 13.764 | 13.742 | 13.786 | HH | 25222  | 572162  | 3.46%  | 0.141% |
| 227    | 13.807 | 13.786 | 13.832 | HH | 21065  | 532787  | 3.22%  | 0.131% |
| 228    | 13.858 | 13.832 | 13.874 | HH | 26234  | 581547  | 3.51%  | 0.143% |
| 229    | 13.893 | 13.874 | 13.918 | HH | 25571  | 606432  | 3.66%  | 0.149% |
| 230    | 13.935 | 13.918 | 13.978 | HH | 24277  | 753654  | 4.55%  | 0.185% |
| 231    | 14.016 | 13.978 | 14.035 | HH | 20961  | 678918  | 4.10%  | 0.167% |
| 232    | 14.079 | 14.035 | 14.113 | HH | 25427  | 1014107 | 6.13%  | 0.249% |
| 233    | 14.142 | 14.113 | 14.162 | HH | 21260  | 607767  | 3.67%  | 0.149% |
| 234    | 14.182 | 14.162 | 14.212 | HH | 21795  | 628035  | 3.79%  | 0.154% |
| 235    | 14.251 | 14.212 | 14.275 | HH | 25759  | 866375  | 5.23%  | 0.213% |
| 236    | 14.325 | 14.275 | 14.338 | HH | 26243  | 913759  | 5.52%  | 0.225% |
| 237    | 14.358 | 14.338 | 14.392 | HH | 33946  | 886889  | 5.36%  | 0.218% |
| 238    | 14.426 | 14.392 | 14.453 | HH | 33890  | 1015752 | 6.14%  | 0.250% |
| 239    | 14.483 | 14.453 | 14.509 | HH | 78607  | 1508490 | 9.11%  | 0.371% |
| 240    | 14.529 | 14.509 | 14.572 | HH | 33386  | 1083030 | 6.54%  | 0.266% |
| 241    | 14.598 | 14.572 | 14.627 | HH | 37244  | 989073  | 5.97%  | 0.243% |
| 242    | 14.662 | 14.627 | 14.698 | HH | 33522  | 1215505 | 7.34%  | 0.299% |
| 243    | 14.719 | 14.698 | 14.728 | HH | 26654  | 462363  | 2.79%  | 0.114% |
| 244    | 14.761 | 14.728 | 14.832 | HH | 152887 | 3421139 | 20.66% | 0.841% |
| 245    | 14.865 | 14.832 | 14.884 | HH | 32139  | 897502  | 5.42%  | 0.221% |
| 246    | 14.912 | 14.884 | 14.930 | HH | 59117  | 1218702 | 7.36%  | 0.300% |

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| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 14.951 | 14.930 | 14.986 | HH | 81632  | 1733912 | 10.47% | 0.426% |
| 248    | 15.006 | 14.986 | 15.041 | HH | 31368  | 1000631 | 6.04%  | 0.246% |
| 249    | 15.075 | 15.041 | 15.125 | HH | 34766  | 1607796 | 9.71%  | 0.395% |
| 250    | 15.158 | 15.125 | 15.185 | HH | 30604  | 1052964 | 6.36%  | 0.259% |
| 251    | 15.219 | 15.185 | 15.235 | HH | 33766  | 926262  | 5.59%  | 0.228% |
| 252    | 15.253 | 15.235 | 15.272 | HH | 33188  | 703881  | 4.25%  | 0.173% |
| 253    | 15.295 | 15.272 | 15.318 | HH | 33677  | 892379  | 5.39%  | 0.219% |
| 254    | 15.346 | 15.318 | 15.384 | HH | 79958  | 1932168 | 11.67% | 0.475% |
| 255    | 15.401 | 15.384 | 15.425 | HH | 35325  | 816721  | 4.93%  | 0.201% |
| 256    | 15.449 | 15.425 | 15.460 | HH | 32998  | 671403  | 4.06%  | 0.165% |
| 257    | 15.488 | 15.460 | 15.526 | HH | 47297  | 1604069 | 9.69%  | 0.394% |
| 258    | 15.584 | 15.526 | 15.606 | HH | 47289  | 1857432 | 11.22% | 0.457% |
| 259    | 15.624 | 15.606 | 15.658 | HH | 39016  | 1108478 | 6.70%  | 0.272% |
| 260    | 15.745 | 15.658 | 15.788 | HH | 41564  | 2887195 | 17.44% | 0.710% |
| 261    | 15.819 | 15.788 | 15.843 | HH | 42704  | 1264533 | 7.64%  | 0.311% |
| 262    | 15.868 | 15.843 | 15.892 | HH | 39323  | 1115787 | 6.74%  | 0.274% |
| 263    | 15.910 | 15.892 | 15.932 | HH | 40100  | 906787  | 5.48%  | 0.223% |
| 264    | 15.956 | 15.932 | 15.966 | HH | 40918  | 796873  | 4.81%  | 0.196% |
| 265    | 15.988 | 15.966 | 16.040 | HH | 50143  | 1868194 | 11.28% | 0.459% |
| 266    | 16.075 | 16.040 | 16.125 | HH | 40385  | 2001960 | 12.09% | 0.492% |
| 267    | 16.208 | 16.125 | 16.242 | HH | 44997  | 2904529 | 17.54% | 0.714% |
| 268    | 16.292 | 16.242 | 16.317 | HH | 46834  | 2033802 | 12.28% | 0.500% |
| 269    | 16.362 | 16.317 | 16.403 | HH | 67175  | 2692558 | 16.26% | 0.662% |
| 270    | 16.415 | 16.403 | 16.436 | HH | 49444  | 946348  | 5.72%  | 0.233% |
| 271    | 16.476 | 16.436 | 16.535 | HH | 134915 | 4279138 | 25.85% | 1.052% |
| 272    | 16.554 | 16.535 | 16.578 | HH | 50500  | 1274062 | 7.70%  | 0.313% |
| 273    | 16.609 | 16.578 | 16.632 | HH | 63513  | 1755351 | 10.60% | 0.432% |
| 274    | 16.642 | 16.632 | 16.672 | HH | 51956  | 1213376 | 7.33%  | 0.298% |
| 275    | 16.705 | 16.672 | 16.714 | HH | 51996  | 1284883 | 7.76%  | 0.316% |
| 276    | 16.734 | 16.714 | 16.744 | HH | 54114  | 955193  | 5.77%  | 0.235% |
| 277    | 16.774 | 16.744 | 16.784 | HH | 80550  | 1606279 | 9.70%  | 0.395% |
| 278    | 16.800 | 16.784 | 16.832 | HH | 99892  | 2158707 | 13.04% | 0.531% |
| 279    | 16.858 | 16.832 | 16.907 | HH | 90361  | 2955428 | 17.85% | 0.727% |
| 280    | 16.962 | 16.907 | 16.997 | HH | 71324  | 3533881 | 21.35% | 0.869% |
| 281    | 17.018 | 16.997 | 17.046 | HH | 70659  | 1860256 | 11.24% | 0.457% |
| 282    | 17.067 | 17.046 | 17.084 | HH | 63461  | 1405730 | 8.49%  | 0.346% |
| 283    | 17.128 | 17.084 | 17.147 | HH | 63792  | 2374524 | 14.34% | 0.584% |
| 284    | 17.166 | 17.147 | 17.184 | HH | 66174  | 1441506 | 8.71%  | 0.354% |
| 285    | 17.218 | 17.184 | 17.252 | HH | 69896  | 2759817 | 16.67% | 0.678% |
| 286    | 17.265 | 17.252 | 17.278 | HH | 67233  | 1064148 | 6.43%  | 0.262% |
| 287    | 17.310 | 17.278 | 17.342 | HH | 94750  | 3011688 | 18.19% | 0.740% |
| 288    | 17.392 | 17.342 | 17.418 | HH | 91750  | 3468744 | 20.95% | 0.853% |
| 289    | 17.449 | 17.418 | 17.458 | HH | 70437  | 1669437 | 10.08% | 0.410% |
| 290    | 17.478 | 17.458 | 17.495 | HH | 72054  | 1544875 | 9.33%  | 0.380% |
| 291    | 17.524 | 17.495 | 17.552 | HH | 78342  | 2471576 | 14.93% | 0.608% |
| 292    | 17.562 | 17.552 | 17.585 | HH | 70906  | 1407678 | 8.50%  | 0.346% |
| 293    | 17.623 | 17.585 | 17.635 | HH | 71533  | 2096354 | 12.66% | 0.515% |
| 294    | 17.666 | 17.635 | 17.706 | HH | 74156  | 3055119 | 18.45% | 0.751% |
| 295    | 17.742 | 17.706 | 17.753 | HH | 77839  | 2120058 | 12.81% | 0.521% |
| 296    | 17.766 | 17.753 | 17.780 | HH | 75969  | 1250187 | 7.55%  | 0.307% |
| 297    | 17.832 | 17.780 | 17.872 | HH | 90979  | 4446452 | 26.86% | 1.093% |
| 298    | 17.922 | 17.872 | 17.948 | HH | 93786  | 3745390 | 22.62% | 0.921% |
| 299    | 17.970 | 17.948 | 17.982 | HH | 83143  | 1648522 | 9.96%  | 0.405% |

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| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 300    | 18.013 | 17.982 | 18.048 | HH | 88674  | 3420795 | 20.66% | 0.841% |
| 301    | 18.071 | 18.048 | 18.115 | HH | 86622  | 3335493 | 20.15% | 0.820% |
| 302    | 18.149 | 18.115 | 18.167 | HH | 92885  | 2704505 | 16.34% | 0.665% |
| 303    | 18.191 | 18.167 | 18.215 | HH | 118973 | 2956814 | 17.86% | 0.727% |
| 304    | 18.251 | 18.215 | 18.301 | HH | 127759 | 5321587 | 32.14% | 1.308% |
| 305    | 18.323 | 18.301 | 18.338 | HH | 89689  | 1927607 | 11.64% | 0.474% |
| 306    | 18.362 | 18.338 | 18.381 | HH | 95043  | 2356739 | 14.24% | 0.579% |
| 307    | 18.399 | 18.381 | 18.454 | HH | 92805  | 3872316 | 23.39% | 0.952% |
| 308    | 18.493 | 18.454 | 18.522 | HH | 120544 | 3868989 | 23.37% | 0.951% |
| 309    | 18.565 | 18.522 | 18.593 | HH | 87296  | 3674173 | 22.19% | 0.903% |
| 310    | 18.623 | 18.593 | 18.637 | HH | 92432  | 2346993 | 14.18% | 0.577% |
| 311    | 18.661 | 18.637 | 18.708 | HH | 98164  | 3884326 | 23.46% | 0.955% |
| 312    | 18.769 | 18.708 | 18.812 | HH | 103175 | 5843271 | 35.30% | 1.436% |
| 313    | 18.833 | 18.812 | 18.853 | HH | 96820  | 2322285 | 14.03% | 0.571% |
| 314    | 18.873 | 18.853 | 18.905 | HH | 102516 | 3009319 | 18.18% | 0.740% |
| 315    | 18.926 | 18.905 | 18.935 | HH | 95493  | 1691750 | 10.22% | 0.416% |
| 316    | 18.948 | 18.935 | 18.971 | HH | 95135  | 1985671 | 11.99% | 0.488% |
| 317    | 19.025 | 18.971 | 19.052 | HH | 140618 | 5469942 | 33.04% | 1.345% |
| 318    | 19.077 | 19.052 | 19.130 | HH | 110786 | 4798910 | 28.99% | 1.180% |
| 319    | 19.174 | 19.130 | 19.192 | HH | 101334 | 3656683 | 22.09% | 0.899% |
| 320    | 19.211 | 19.192 | 19.245 | HH | 103542 | 3163875 | 19.11% | 0.778% |
| 321    | 19.275 | 19.245 | 19.288 | HH | 100690 | 2568782 | 15.52% | 0.631% |
| 322    | 19.308 | 19.288 | 19.329 | HH | 101390 | 2418960 | 14.61% | 0.595% |
| 323    | 19.368 | 19.329 | 19.409 | HH | 105398 | 4791021 | 28.94% | 1.178% |
| 324    | 19.445 | 19.409 | 19.468 | HH | 101147 | 3543604 | 21.40% | 0.871% |
| 325    | 19.486 | 19.468 | 19.505 | HH | 104603 | 2234539 | 13.50% | 0.549% |
| 326    | 19.521 | 19.505 | 19.540 | HH | 108779 | 2256470 | 13.63% | 0.555% |
| 327    | 19.559 | 19.540 | 19.588 | HH | 109468 | 3042166 | 18.38% | 0.748% |
| 328    | 19.597 | 19.588 | 19.614 | HH | 104781 | 1620680 | 9.79%  | 0.398% |
| 329    | 19.658 | 19.614 | 19.683 | HH | 116666 | 4517918 | 27.29% | 1.111% |
| 330    | 19.725 | 19.683 | 19.761 | HH | 119207 | 5146716 | 31.09% | 1.265% |
| 331    | 19.810 | 19.761 | 19.855 | HH | 124846 | 6410021 | 38.72% | 1.576% |
| 332    | 19.863 | 19.855 | 19.889 | HH | 111519 | 2193195 | 13.25% | 0.539% |
| 333    | 19.941 | 19.889 | 19.958 | HH | 110069 | 4500930 | 27.19% | 1.106% |
| 334    | 19.982 | 19.958 | 19.995 | HH | 110323 | 2413020 | 14.58% | 0.593% |
| 335    | 20.033 | 19.995 | 20.079 | HH | 125344 | 5904977 | 35.67% | 1.452% |
| 336    | 20.099 | 20.079 | 20.118 | HH | 117320 | 2679963 | 16.19% | 0.659% |
| 337    | 20.139 | 20.118 | 20.158 | HH | 116433 | 2751648 | 16.62% | 0.676% |
| 338    | 20.192 | 20.158 | 20.222 | HH | 116691 | 4316960 | 26.08% | 1.061% |
| 339    | 20.256 | 20.222 | 20.264 | HH | 114388 | 2863238 | 17.29% | 0.704% |
| 340    | 20.273 | 20.264 | 20.283 | HH | 115020 | 1294284 | 7.82%  | 0.318% |
| 341    | 20.308 | 20.283 | 20.342 | HH | 116401 | 4065550 | 24.56% | 0.999% |
| 342    | 20.362 | 20.342 | 20.386 | HH | 123592 | 3187829 | 19.26% | 0.784% |
| 343    | 20.459 | 20.386 | 20.505 | HH | 117294 | 8247083 | 49.82% | 2.027% |
| 344    | 20.557 | 20.505 | 20.568 | HH | 119676 | 4477800 | 27.05% | 1.101% |
| 345    | 20.575 | 20.568 | 20.598 | HH | 117635 | 2099760 | 12.68% | 0.516% |
| 346    | 20.604 | 20.598 | 20.645 | HH | 117682 | 3197876 | 19.32% | 0.786% |
| 347    | 20.666 | 20.645 | 20.675 | HH | 112744 | 2012736 | 12.16% | 0.495% |
| 348    | 20.686 | 20.675 | 20.725 | HH | 112210 | 3337204 | 20.16% | 0.820% |
| 349    | 20.736 | 20.725 | 20.795 | HH | 110655 | 4587102 | 27.71% | 1.128% |
| 350    | 20.803 | 20.795 | 20.822 | HH | 107665 | 1741925 | 10.52% | 0.428% |
| 351    | 20.828 | 20.822 | 20.840 | HH | 107627 | 1148045 | 6.93%  | 0.282% |

Instrument :  
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|                         | rt     | Area   | Height | Area% | Height%   | Area%    | Height% |        |
|-------------------------|--------|--------|--------|-------|-----------|----------|---------|--------|
| 352                     | 20.952 | 20.840 | 20.968 | HH    | 115135    | 8448425  | 51.03%  | 2.077% |
| 353                     | 21.001 | 20.968 | 21.229 | HH    | 116290    | 16555338 | 100.00% | 4.070% |
| 354                     | 21.239 | 21.229 | 21.246 | HH    | 99648     | 1041803  | 6.29%   | 0.256% |
| 355                     | 21.271 | 21.246 | 21.355 | HH    | 100162    | 6473379  | 39.10%  | 1.591% |
| 356                     | 21.383 | 21.355 | 21.431 | HH    | 100641    | 4467143  | 26.98%  | 1.098% |
| 357                     | 21.480 | 21.431 | 21.510 | HH    | 100370    | 4667447  | 28.19%  | 1.147% |
| 358                     | 21.517 | 21.510 | 21.538 | HH    | 96855     | 1599055  | 9.66%   | 0.393% |
| 359                     | 21.551 | 21.538 | 21.569 | HH    | 95631     | 1803856  | 10.90%  | 0.443% |
| 360                     | 21.583 | 21.569 | 21.619 | HH    | 95404     | 2844775  | 17.18%  | 0.699% |
| 361                     | 21.652 | 21.619 | 21.748 | HH    | 94575     | 7162406  | 43.26%  | 1.761% |
| 362                     | 21.795 | 21.748 | 21.837 | HH    | 93316     | 4840559  | 29.24%  | 1.190% |
| 363                     | 21.887 | 21.837 | 22.002 | HHA   | 95473     | 9192386  | 55.53%  | 2.260% |
| Sum of corrected areas: |        |        |        |       | 406794066 |          |         |        |

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