

Instrument :  
FID\_G  
ClientSampleId :  
TPA-9MS

rteres

# Area Percent Report

Manual Integrations  
APPROVED

Ankita  
9/17/2019 4:06:13 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG091619\  
Data File : FG005965.D  
Signal(s) : FID1A.ch  
Acq On : 16 Sep 2019 20:04  
Sample : K4878-16MS 10X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG090719.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         | 4.431       | 4.415        | 4.572      | PH       | 25734          | 256724       | 3.95%          | 0.177%        |
| 2         | 4.588       | 4.572        | 4.629      | PH       | 490            | 6579         | 0.10%          | 0.005%        |
| 3         | 4.660       | 4.629        | 4.780      | HH       | 1931           | 60914        | 0.94%          | 0.042%        |
| 4         | 4.795       | 4.780        | 4.878      | HH       | 301            | 11640        | 0.18%          | 0.008%        |
| 5         | 4.908       | 4.878        | 4.947      | HH       | 226            | 6012         | 0.09%          | 0.004%        |
| 6         | 4.957       | 4.947        | 4.982      | HH       | 160            | 1664         | 0.03%          | 0.001%        |
| 7         | 4.991       | 4.982        | 5.052      | HH       | 116            | 2407         | 0.04%          | 0.002%        |
| 8         | 5.066       | 5.052        | 5.120      | HH       | 92             | 2554         | 0.04%          | 0.002%        |
| 9         | 5.133       | 5.120        | 5.147      | HH       | 112            | 1184         | 0.02%          | 0.001%        |
| 10        | 5.158       | 5.147        | 5.172      | HH       | 129            | 1297         | 0.02%          | 0.001%        |
| 11        | 5.177       | 5.172        | 5.202      | HH       | 127            | 819          | 0.01%          | 0.001%        |
| 12        | 5.211       | 5.202        | 5.232      | HH       | 31             | 575          | 0.01%          | 0.000%        |
| 13        | 5.264       | 5.232        | 5.287      | PH       | 158            | 3237         | 0.05%          | 0.002%        |
| 14        | 5.311       | 5.287        | 5.352      | HH       | 178            | 3115         | 0.05%          | 0.002%        |
| 15        | 5.361       | 5.352        | 5.399      | HH       | 83             | 606          | 0.01%          | 0.000%        |
| 16        | 5.431       | 5.399        | 5.457      | PH       | 123            | 1121         | 0.02%          | 0.001%        |
| 17        | 5.475       | 5.457        | 5.525      | PH       | 366            | 5513         | 0.08%          | 0.004%        |
| 18        | 5.539       | 5.525        | 5.642      | HH       | 132            | 1756         | 0.03%          | 0.001%        |
| 19        | 5.673       | 5.642        | 5.707      | PH       | 210            | 2274         | 0.04%          | 0.002%        |
| 20        | 5.763       | 5.707        | 5.772      | PH       | 670            | 10662        | 0.16%          | 0.007%        |
| 21        | 5.787       | 5.772        | 5.911      | HH       | 919            | 34070        | 0.52%          | 0.024%        |
| 22        | 5.940       | 5.911        | 5.974      | HH       | 235            | 5746         | 0.09%          | 0.004%        |
| 23        | 5.999       | 5.974        | 6.015      | HH       | 261            | 4331         | 0.07%          | 0.003%        |
| 24        | 6.038       | 6.015        | 6.150      | HH       | 9568           | 165467       | 2.55%          | 0.114%        |
| 25        | 6.170       | 6.150        | 6.192      | HH       | 698            | 12869        | 0.20%          | 0.009%        |
| 26        | 6.205       | 6.192        | 6.235      | HH       | 399            | 8169         | 0.13%          | 0.006%        |
| 27        | 6.249       | 6.235        | 6.259      | HH       | 401            | 4896         | 0.08%          | 0.003%        |
| 28        | 6.268       | 6.259        | 6.304      | HH       | 448            | 8867         | 0.14%          | 0.006%        |
| 29        | 6.322       | 6.304        | 6.335      | HH       | 350            | 5613         | 0.09%          | 0.004%        |
| 30        | 6.346       | 6.335        | 6.362      | HH       | 315            | 4646         | 0.07%          | 0.003%        |
| 31        | 6.420       | 6.362        | 6.432      | HH       | 588            | 17916        | 0.28%          | 0.012%        |
| 32        | 6.459       | 6.432        | 6.572      | HH       | 26035          | 299247       | 4.61%          | 0.207%        |
| 33        | 6.608       | 6.572        | 6.630      | HH       | 498            | 14395        | 0.22%          | 0.010%        |
| 34        | 6.659       | 6.630        | 6.708      | HH       | 448            | 14981        | 0.23%          | 0.010%        |
| 35        | 6.747       | 6.708        | 6.763      | HH       | 434            | 10097        | 0.16%          | 0.007%        |
| 36        | 6.793       | 6.763        | 6.826      | HH       | 622            | 17731        | 0.27%          | 0.012%        |

| rteres |       |       |       |    |        |         |        |        |  |
|--------|-------|-------|-------|----|--------|---------|--------|--------|--|
| 37     | 6.868 | 6.826 | 6.892 | HH | 797    | 21918   | 0.34%  | 0.015% |  |
| 38     | 6.910 | 6.892 | 6.945 | HH | 597    | 13830   | 0.21%  | 0.010% |  |
| 39     | 7.003 | 6.945 | 7.015 | HH | 922    | 24179   | 0.37%  | 0.017% |  |
| 40     | 7.027 | 7.015 | 7.054 | HH | 838    | 17087   | 0.26%  | 0.012% |  |
| 41     | 7.099 | 7.054 | 7.149 | HH | 4606   | 100894  | 1.55%  | 0.070% |  |
| 42     | 7.165 | 7.149 | 7.178 | HH | 1148   | 19254   | 0.30%  | 0.013% |  |
| 43     | 7.187 | 7.178 | 7.207 | HH | 1245   | 18758   | 0.29%  | 0.013% |  |
| 44     | 7.231 | 7.207 | 7.372 | HH | 14058  | 247838  | 3.82%  | 0.171% |  |
| 45     | 7.388 | 7.372 | 7.419 | HH | 1255   | 26234   | 0.40%  | 0.018% |  |
| 46     | 7.453 | 7.419 | 7.478 | HH | 848    | 25570   | 0.39%  | 0.018% |  |
| 47     | 7.480 | 7.478 | 7.503 | HH | 763    | 9806    | 0.15%  | 0.007% |  |
| 48     | 7.509 | 7.503 | 7.537 | HH | 658    | 12821   | 0.20%  | 0.009% |  |
| 49     | 7.570 | 7.537 | 7.588 | HH | 811    | 21612   | 0.33%  | 0.015% |  |
| 50     | 7.619 | 7.588 | 7.658 | HH | 759    | 28014   | 0.43%  | 0.019% |  |
| 51     | 7.683 | 7.658 | 7.705 | HH | 864    | 19512   | 0.30%  | 0.013% |  |
| 52     | 7.725 | 7.705 | 7.742 | HH | 725    | 14240   | 0.22%  | 0.010% |  |
| 53     | 7.827 | 7.742 | 7.896 | HH | 4694   | 144602  | 2.23%  | 0.100% |  |
| 54     | 7.904 | 7.896 | 7.915 | HH | 1175   | 13019   | 0.20%  | 0.009% |  |
| 55     | 7.924 | 7.915 | 7.937 | HH | 1132   | 14270   | 0.22%  | 0.010% |  |
| 56     | 7.984 | 7.937 | 8.038 | HH | 3886   | 125700  | 1.94%  | 0.087% |  |
| 57     | 8.091 | 8.038 | 8.144 | HH | 6903   | 224092  | 3.45%  | 0.155% |  |
| 58     | 8.156 | 8.144 | 8.169 | HH | 1894   | 27858   | 0.43%  | 0.019% |  |
| 59     | 8.196 | 8.169 | 8.212 | HH | 15318  | 196788  | 3.03%  | 0.136% |  |
| 60     | 8.224 | 8.212 | 8.240 | HH | 10564  | 130595  | 2.01%  | 0.090% |  |
| 61     | 8.260 | 8.240 | 8.301 | HH | 29051  | 382951  | 5.90%  | 0.264% |  |
| 62     | 8.331 | 8.301 | 8.342 | HH | 7038   | 114766  | 1.77%  | 0.079% |  |
| 63     | 8.383 | 8.342 | 8.455 | HH | 44786  | 828399  | 12.76% | 0.572% |  |
| 64     | 8.472 | 8.455 | 8.505 | HH | 6577   | 117904  | 1.82%  | 0.081% |  |
| 65     | 8.515 | 8.505 | 8.582 | HH | 2509   | 89159   | 1.37%  | 0.062% |  |
| 66     | 8.603 | 8.582 | 8.624 | HH | 6328   | 91533   | 1.41%  | 0.063% |  |
| 67     | 8.677 | 8.624 | 8.707 | HH | 49177  | 646056  | 9.95%  | 0.446% |  |
| 68     | 8.723 | 8.707 | 8.772 | HH | 7755   | 171224  | 2.64%  | 0.118% |  |
| 69     | 8.795 | 8.772 | 8.822 | HH | 4682   | 98330   | 1.51%  | 0.068% |  |
| 70     | 8.839 | 8.822 | 8.851 | HH | 2719   | 44488   | 0.69%  | 0.031% |  |
| 71     | 8.865 | 8.851 | 8.892 | HH | 2872   | 62733   | 0.97%  | 0.043% |  |
| 72     | 8.918 | 8.892 | 8.932 | HH | 7779   | 118343  | 1.82%  | 0.082% |  |
| 73     | 8.953 | 8.932 | 9.033 | HH | 47245  | 787009  | 12.12% | 0.543% |  |
| 74     | 9.042 | 9.033 | 9.065 | HH | 4542   | 75708   | 1.17%  | 0.052% |  |
| 75     | 9.087 | 9.065 | 9.107 | HH | 7282   | 120776  | 1.86%  | 0.083% |  |
| 76     | 9.129 | 9.107 | 9.178 | HH | 7575   | 180752  | 2.78%  | 0.125% |  |
| 77     | 9.192 | 9.178 | 9.215 | HH | 2885   | 59029   | 0.91%  | 0.041% |  |
| 78     | 9.244 | 9.215 | 9.262 | HH | 8321   | 134862  | 2.08%  | 0.093% |  |
| 79     | 9.278 | 9.262 | 9.307 | HH | 6740   | 114353  | 1.76%  | 0.079% |  |
| 80     | 9.332 | 9.307 | 9.348 | HH | 5501   | 95818   | 1.48%  | 0.066% |  |
| 81     | 9.381 | 9.348 | 9.406 | HH | 8043   | 175220  | 2.70%  | 0.121% |  |
| 82     | 9.425 | 9.406 | 9.440 | HH | 5195   | 83721   | 1.29%  | 0.058% |  |
| 83     | 9.466 | 9.440 | 9.522 | HH | 103448 | 1379221 | 21.25% | 0.952% |  |
| 84     | 9.544 | 9.522 | 9.572 | HH | 9630   | 203951  | 3.14%  | 0.141% |  |
| 85     | 9.616 | 9.572 | 9.659 | HH | 17279  | 465782  | 7.18%  | 0.322% |  |
| 86     | 9.678 | 9.659 | 9.711 | HH | 10060  | 203866  | 3.14%  | 0.141% |  |
| 87     | 9.732 | 9.711 | 9.764 | HH | 7344   | 163579  | 2.52%  | 0.113% |  |
| 88     | 9.789 | 9.764 | 9.828 | HH | 22463  | 378878  | 5.84%  | 0.262% |  |
| 89     | 9.866 | 9.828 | 9.879 | HH | 29450  | 413402  | 6.37%  | 0.285% |  |

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| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 90     | 9.892  | 9.879  | 9.937  | HH | 24715  | 438068  | 6.75%   | 0.302% |
| 91     | 9.952  | 9.937  | 10.015 | HH | 7056   | 221105  | 3.41%   | 0.153% |
| 92     | 10.050 | 10.015 | 10.122 | HH | 4464   | 217867  | 3.36%   | 0.150% |
| 93     | 10.161 | 10.122 | 10.190 | HH | 4161   | 131760  | 2.03%   | 0.091% |
| 94     | 10.210 | 10.190 | 10.223 | HH | 5154   | 81853   | 1.26%   | 0.057% |
| 95     | 10.230 | 10.223 | 10.244 | HH | 4263   | 50863   | 0.78%   | 0.035% |
| 96     | 10.260 | 10.244 | 10.279 | HH | 4053   | 77171   | 1.19%   | 0.053% |
| 97     | 10.319 | 10.279 | 10.328 | HH | 6576   | 135398  | 2.09%   | 0.093% |
| 98     | 10.353 | 10.328 | 10.376 | HH | 22626  | 367337  | 5.66%   | 0.254% |
| 99     | 10.393 | 10.376 | 10.430 | HH | 13581  | 253218  | 3.90%   | 0.175% |
| 100    | 10.469 | 10.430 | 10.512 | HH | 16819  | 419988  | 6.47%   | 0.290% |
| 101    | 10.530 | 10.512 | 10.577 | HH | 7398   | 241437  | 3.72%   | 0.167% |
| 102    | 10.606 | 10.577 | 10.619 | HH | 8437   | 164487  | 2.53%   | 0.114% |
| 103    | 10.639 | 10.619 | 10.653 | HH | 15174  | 225928  | 3.48%   | 0.156% |
| 104    | 10.678 | 10.653 | 10.726 | HH | 27768  | 610577  | 9.41%   | 0.422% |
| 105    | 10.774 | 10.726 | 10.793 | HH | 12618  | 310845  | 4.79%   | 0.215% |
| 106    | 10.806 | 10.793 | 10.828 | HH | 7070   | 131428  | 2.02%   | 0.091% |
| 107    | 10.879 | 10.828 | 10.928 | HH | 485731 | 5767007 | 88.84%  | 3.982% |
| 108    | 10.953 | 10.928 | 11.026 | HH | 173532 | 2459815 | 37.89%  | 1.699% |
| 109    | 11.039 | 11.026 | 11.079 | HH | 8380   | 229294  | 3.53%   | 0.158% |
| 110    | 11.089 | 11.079 | 11.122 | HH | 6232   | 150071  | 2.31%   | 0.104% |
| 111    | 11.142 | 11.122 | 11.150 | HH | 6544   | 105118  | 1.62%   | 0.073% |
| 112    | 11.174 | 11.150 | 11.211 | HH | 38140  | 661522  | 10.19%  | 0.457% |
| 113    | 11.223 | 11.211 | 11.256 | HH | 8310   | 208693  | 3.21%   | 0.144% |
| 114    | 11.275 | 11.256 | 11.288 | HH | 9556   | 162626  | 2.51%   | 0.112% |
| 115    | 11.312 | 11.288 | 11.338 | HH | 32584  | 499868  | 7.70%   | 0.345% |
| 116    | 11.407 | 11.338 | 11.441 | HH | 18804  | 631240  | 9.72%   | 0.436% |
| 117    | 11.473 | 11.441 | 11.498 | HH | 14033  | 317257  | 4.89%   | 0.219% |
| 118    | 11.534 | 11.498 | 11.558 | HH | 11067  | 312657  | 4.82%   | 0.216% |
| 119    | 11.573 | 11.558 | 11.593 | HH | 7609   | 156977  | 2.42%   | 0.108% |
| 120    | 11.608 | 11.593 | 11.623 | HH | 7998   | 134246  | 2.07%   | 0.093% |
| 121    | 11.639 | 11.623 | 11.654 | HH | 8557   | 141852  | 2.19%   | 0.098% |
| 122    | 11.682 | 11.654 | 11.697 | HH | 49286  | 674670  | 10.39%  | 0.466% |
| 123    | 11.714 | 11.697 | 11.755 | HH | 59451  | 921704  | 14.20%  | 0.636% |
| 124    | 11.798 | 11.755 | 11.819 | HH | 98404  | 1619197 | 24.94%  | 1.118% |
| 125    | 11.832 | 11.819 | 11.845 | HH | 30982  | 393103  | 6.06%   | 0.271% |
| 126    | 11.862 | 11.845 | 11.900 | HH | 47480  | 771479  | 11.88%  | 0.533% |
| 127    | 11.918 | 11.900 | 11.928 | HH | 9877   | 154704  | 2.38%   | 0.107% |
| 128    | 11.956 | 11.928 | 12.001 | HH | 12714  | 462339  | 7.12%   | 0.319% |
| 129    | 12.017 | 12.001 | 12.036 | HH | 10312  | 188851  | 2.91%   | 0.130% |
| 130    | 12.064 | 12.036 | 12.127 | HH | 13391  | 565567  | 8.71%   | 0.391% |
| 131    | 12.153 | 12.127 | 12.200 | HH | 34771  | 727414  | 11.21%  | 0.502% |
| 132    | 12.217 | 12.200 | 12.237 | HH | 11213  | 228426  | 3.52%   | 0.158% |
| 133    | 12.243 | 12.237 | 12.263 | HH | 9693   | 145537  | 2.24%   | 0.100% |
| 134    | 12.300 | 12.263 | 12.321 | HH | 11558  | 339854  | 5.24%   | 0.235% |
| 135    | 12.359 | 12.321 | 12.370 | HH | 9690   | 276428  | 4.26%   | 0.191% |
| 136    | 12.429 | 12.370 | 12.455 | HH | 14766  | 594596  | 9.16%   | 0.411% |
| 137    | 12.476 | 12.455 | 12.518 | HH | 18413  | 527296  | 8.12%   | 0.364% |
| 138    | 12.554 | 12.518 | 12.567 | HH | 18376  | 404912  | 6.24%   | 0.280% |
| 139    | 12.588 | 12.567 | 12.605 | HH | 37463  | 578856  | 8.92%   | 0.400% |
| 140    | 12.626 | 12.605 | 12.678 | HH | 45554  | 1099779 | 16.94%  | 0.759% |
| 141    | 12.710 | 12.678 | 12.761 | HH | 518312 | 6491586 | 100.00% | 4.482% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 12.777 | 12.761 | 12.795 | HH | 14633  | 274151  | 4.22%  | 0.189% |
| 143    | 12.803 | 12.795 | 12.820 | HH | 12589  | 185028  | 2.85%  | 0.128% |
| 144    | 12.847 | 12.820 | 12.875 | HH | 30622  | 689598  | 10.62% | 0.476% |
| 145    | 12.894 | 12.875 | 12.911 | HH | 26660  | 464180  | 7.15%  | 0.321% |
| 146    | 12.925 | 12.911 | 12.977 | HH | 19553  | 680228  | 10.48% | 0.470% |
| 147    | 13.009 | 12.977 | 13.041 | HH | 400356 | 5103772 | 78.62% | 3.524% |
| 148    | 13.062 | 13.041 | 13.076 | HH | 47504  | 662740  | 10.21% | 0.458% |
| 149    | 13.094 | 13.076 | 13.155 | HH | 60189  | 1364752 | 21.02% | 0.942% |
| 150    | 13.179 | 13.155 | 13.198 | HH | 26056  | 490945  | 7.56%  | 0.339% |
| 151    | 13.216 | 13.198 | 13.254 | HH | 23826  | 600885  | 9.26%  | 0.415% |
| 152    | 13.277 | 13.254 | 13.314 | HH | 35367  | 751653  | 11.58% | 0.519% |
| 153    | 13.336 | 13.314 | 13.345 | HH | 19107  | 309367  | 4.77%  | 0.214% |
| 154    | 13.358 | 13.345 | 13.381 | HH | 20218  | 365813  | 5.64%  | 0.253% |
| 155    | 13.408 | 13.381 | 13.442 | HH | 26601  | 738388  | 11.37% | 0.510% |
| 156    | 13.467 | 13.442 | 13.528 | HH | 40390  | 1130851 | 17.42% | 0.781% |
| 157    | 13.598 | 13.528 | 13.643 | HH | 110078 | 2459772 | 37.89% | 1.698% |
| 158    | 13.661 | 13.643 | 13.678 | HH | 21812  | 396465  | 6.11%  | 0.274% |
| 159    | 13.705 | 13.678 | 13.729 | HH | 102745 | 1570167 | 24.19% | 1.084% |
| 160    | 13.747 | 13.729 | 13.773 | HH | 48052  | 868153  | 13.37% | 0.599% |
| 161    | 13.780 | 13.773 | 13.800 | HH | 22022  | 325897  | 5.02%  | 0.225% |
| 162    | 13.829 | 13.800 | 13.858 | HH | 51794  | 1195493 | 18.42% | 0.825% |
| 163    | 13.876 | 13.858 | 13.899 | HH | 43546  | 788006  | 12.14% | 0.544% |
| 164    | 13.918 | 13.899 | 13.961 | HH | 41369  | 992066  | 15.28% | 0.685% |
| 165    | 13.996 | 13.961 | 14.013 | HH | 20416  | 603742  | 9.30%  | 0.417% |
| 166    | 14.038 | 14.013 | 14.057 | HH | 20015  | 506148  | 7.80%  | 0.349% |
| 167    | 14.071 | 14.057 | 14.088 | HH | 19407  | 349180  | 5.38%  | 0.241% |
| 168    | 14.104 | 14.088 | 14.118 | HH | 18788  | 335043  | 5.16%  | 0.231% |
| 169    | 14.129 | 14.118 | 14.147 | HH | 19168  | 321649  | 4.95%  | 0.222% |
| 170    | 14.182 | 14.147 | 14.224 | HH | 21428  | 876977  | 13.51% | 0.606% |
| 171    | 14.240 | 14.224 | 14.251 | HH | 17993  | 281809  | 4.34%  | 0.195% |
| 172    | 14.307 | 14.251 | 14.326 | HH | 35750  | 1156803 | 17.82% | 0.799% |
| 173    | 14.340 | 14.326 | 14.365 | HH | 27425  | 569428  | 8.77%  | 0.393% |
| 174    | 14.404 | 14.365 | 14.425 | HH | 31267  | 936602  | 14.43% | 0.647% |
| 175    | 14.440 | 14.425 | 14.489 | HH | 32749  | 996515  | 15.35% | 0.688% |
| 176    | 14.519 | 14.489 | 14.554 | HH | 45675  | 1228829 | 18.93% | 0.849% |
| 177    | 14.581 | 14.554 | 14.608 | HH | 69875  | 1485599 | 22.88% | 1.026% |
| 178    | 14.627 | 14.608 | 14.681 | HH | 36466  | 1281947 | 19.75% | 0.885% |
| 179    | 14.731 | 14.681 | 14.754 | HH | 38970  | 1278392 | 19.69% | 0.883% |
| 180    | 14.772 | 14.754 | 14.819 | HH | 32188  | 1017492 | 15.67% | 0.703% |
| 181    | 14.853 | 14.819 | 14.870 | HH | 41686  | 907010  | 13.97% | 0.626% |
| 182    | 14.897 | 14.870 | 14.918 | HH | 261995 | 3614789 | 55.68% | 2.496% |
| 183    | 14.938 | 14.918 | 14.969 | HH | 239121 | 3402948 | 52.42% | 2.350% |
| 184    | 14.978 | 14.969 | 15.002 | HH | 27037  | 496071  | 7.64%  | 0.343% |
| 185    | 15.060 | 15.002 | 15.110 | HH | 77726  | 2561057 | 39.45% | 1.768% |
| 186    | 15.147 | 15.110 | 15.178 | HH | 41167  | 1293202 | 19.92% | 0.893% |
| 187    | 15.205 | 15.178 | 15.225 | HH | 45772  | 993508  | 15.30% | 0.686% |
| 188    | 15.243 | 15.225 | 15.267 | HH | 41460  | 885870  | 13.65% | 0.612% |
| 189    | 15.284 | 15.267 | 15.301 | HH | 34955  | 673859  | 10.38% | 0.465% |
| 190    | 15.334 | 15.301 | 15.374 | HH | 36300  | 1453353 | 22.39% | 1.004% |
| 191    | 15.383 | 15.374 | 15.421 | HH | 30343  | 807726  | 12.44% | 0.558% |
| 192    | 15.451 | 15.421 | 15.473 | HH | 33259  | 943208  | 14.53% | 0.651% |
| 193    | 15.485 | 15.473 | 15.499 | HH | 32104  | 493597  | 7.60%  | 0.341% |
| 194    | 15.525 | 15.499 | 15.542 | HH | 38183  | 872994  | 13.45% | 0.603% |

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Manual Integrations  
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| rteres                  |        |        |        |     |        |           |        |        |
|-------------------------|--------|--------|--------|-----|--------|-----------|--------|--------|
| 195                     | 15.571 | 15.542 | 15.592 | HH  | 78788  | 1537538   | 23.69% | 1.062% |
| 196                     | 15.609 | 15.592 | 15.640 | HH  | 51953  | 1194419   | 18.40% | 0.825% |
| 197                     | 15.660 | 15.640 | 15.691 | HH  | 51070  | 1245526   | 19.19% | 0.860% |
| 198                     | 15.733 | 15.691 | 15.778 | HH  | 69890  | 2608198   | 40.18% | 1.801% |
| 199                     | 15.805 | 15.778 | 15.835 | HH  | 45639  | 1292480   | 19.91% | 0.892% |
| 200                     | 15.849 | 15.835 | 15.870 | HH  | 33813  | 700474    | 10.79% | 0.484% |
| 201                     | 15.894 | 15.870 | 15.932 | HH  | 39251  | 1243556   | 19.16% | 0.859% |
| 202                     | 15.959 | 15.932 | 15.992 | HH  | 58875  | 1527338   | 23.53% | 1.055% |
| 203                     | 15.998 | 15.992 | 16.055 | HH  | 37993  | 1310024   | 20.18% | 0.905% |
| 204                     | 16.074 | 16.055 | 16.092 | HH  | 35546  | 749650    | 11.55% | 0.518% |
| 205                     | 16.107 | 16.092 | 16.122 | HH  | 33837  | 595278    | 9.17%  | 0.411% |
| 206                     | 16.170 | 16.122 | 16.194 | HH  | 39408  | 1554472   | 23.95% | 1.073% |
| 207                     | 16.212 | 16.194 | 16.229 | HH  | 39180  | 757468    | 11.67% | 0.523% |
| 208                     | 16.254 | 16.229 | 16.299 | HH  | 46098  | 1686330   | 25.98% | 1.164% |
| 209                     | 16.339 | 16.299 | 16.354 | HH  | 41033  | 1288700   | 19.85% | 0.890% |
| 210                     | 16.377 | 16.354 | 16.405 | HH  | 51242  | 1330183   | 20.49% | 0.919% |
| 211                     | 16.469 | 16.405 | 16.486 | HH  | 275386 | 5072049   | 78.13% | 3.502% |
| 212                     | 16.494 | 16.486 | 16.562 | HH  | 135396 | 2872693   | 44.25% | 1.984% |
| 213                     | 16.597 | 16.562 | 16.685 | HH  | 95374  | 3825406   | 58.93% | 2.641% |
| 214                     | 16.751 | 16.685 | 16.768 | HH  | 104148 | 2970326   | 45.76% | 2.051% |
| 215                     | 16.792 | 16.768 | 16.822 | HH  | 172885 | 3257742   | 50.18% | 2.249% |
| 216                     | 16.853 | 16.822 | 16.887 | HH  | 241537 | 4270171   | 65.78% | 2.949% |
| 217                     | 16.910 | 16.887 | 16.929 | HH  | 67887  | 1455515   | 22.42% | 1.005% |
| 218                     | 16.951 | 16.929 | 16.972 | HHA | 101502 | 1948032   | 30.01% | 1.345% |
| Sum of corrected areas: |        |        |        |     |        | 144821154 |        |        |

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