

Instrument :  
FID\_F  
ClientSampleId :  
CSA-2-8

rteres

## Area Percent Report

Manual Integrations  
APPROVED

Ankita  
9/17/2019 4:06:59 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF091619\  
Data File : FF005583.D  
Signal(s) : FID2B.ch  
Acq On : 16 Sep 2019 20:34  
Sample : K4878-09 5X  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF090319.M  
Title :

Signal : FID2B.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         | 4.321       | 4.312        | 4.327      | BH       | 7              | -248         | -0.00%         | -0.000%       |
| 2         | 4.354       | 4.327        | 4.374      | PH       | 63             | -281         | -0.00%         | -0.000%       |
| 3         | 4.387       | 4.374        | 4.400      | PH       | 33             | -615         | -0.01%         | -0.001%       |
| 4         | 4.405       | 4.400        | 4.416      | PH       | -1             | -540         | -0.01%         | -0.000%       |
| 5         | 4.429       | 4.416        | 4.442      | PH       | -42            | -1149        | -0.02%         | -0.001%       |
| 6         | 4.447       | 4.442        | 4.454      | PH       | -31            | -467         | -0.01%         | -0.000%       |
| 7         | 4.457       | 4.454        | 4.484      | PH       | 48             | -947         | -0.01%         | -0.001%       |
| 8         | 4.504       | 4.484        | 4.537      | PH       | 60             | -2420        | -0.04%         | -0.002%       |
| 9         | 4.574       | 4.537        | 4.594      | PH       | 346            | 2791         | 0.04%          | 0.002%        |
| 10        | 4.597       | 4.594        | 4.601      | HH       | 160            | 514          | 0.01%          | 0.000%        |
| 11        | 4.606       | 4.601        | 4.620      | HH       | 158            | 767          | 0.01%          | 0.001%        |
| 12        | 4.635       | 4.620        | 4.651      | PH       | 68             | 72           | 0.00%          | 0.000%        |
| 13        | 4.654       | 4.651        | 4.701      | PH       | -8             | -3686        | -0.06%         | -0.003%       |
| 14        | 4.715       | 4.701        | 4.750      | PH       | -71            | -4643        | -0.07%         | -0.004%       |
| 15        | 4.756       | 4.750        | 4.759      | PH       | -140           | -805         | -0.01%         | -0.001%       |
| 16        | 4.763       | 4.759        | 4.780      | PH       | -104           | -2033        | -0.03%         | -0.002%       |
| 17        | 4.784       | 4.780        | 4.791      | PH       | -151           | -1158        | -0.02%         | -0.001%       |
| 18        | 4.801       | 4.791        | 4.809      | PH       | -155           | -2140        | -0.03%         | -0.002%       |
| 19        | 4.814       | 4.809        | 4.819      | PH       | -119           | -1181        | -0.02%         | -0.001%       |
| 20        | 4.823       | 4.819        | 4.838      | PH       | -174           | -2454        | -0.04%         | -0.002%       |
| 21        | 4.843       | 4.838        | 4.850      | PH       | -197           | -1753        | -0.03%         | -0.001%       |
| 22        | 4.854       | 4.850        | 4.869      | PH       | -255           | -2672        | -0.04%         | -0.002%       |
| 23        | 4.874       | 4.869        | 4.892      | PH       | -176           | -3645        | -0.06%         | -0.003%       |
| 24        | 4.901       | 4.892        | 4.913      | PH       | -235           | -3458        | -0.05%         | -0.003%       |
| 25        | 4.918       | 4.913        | 4.941      | PH       | -285           | -5581        | -0.09%         | -0.005%       |
| 26        | 4.954       | 4.941        | 4.967      | PH       | -225           | -4468        | -0.07%         | -0.004%       |
| 27        | 4.971       | 4.967        | 4.984      | PH       | -261           | -2835        | -0.04%         | -0.002%       |
| 28        | 4.989       | 4.984        | 5.002      | PH       | -238           | -3015        | -0.05%         | -0.003%       |
| 29        | 5.009       | 5.002        | 5.015      | PH       | -288           | -2382        | -0.04%         | -0.002%       |
| 30        | 5.021       | 5.015        | 5.025      | PH       | -270           | -1806        | -0.03%         | -0.002%       |
| 31        | 5.031       | 5.025        | 5.059      | PH       | -202           | -5185        | -0.08%         | -0.004%       |
| 32        | 5.086       | 5.059        | 5.100      | PH       | -216           | -6719        | -0.10%         | -0.006%       |
| 33        | 5.107       | 5.100        | 5.130      | PH       | -247           | -5335        | -0.08%         | -0.005%       |
| 34        | 5.153       | 5.130        | 5.188      | PH       | -259           | -10590       | -0.16%         | -0.009%       |
| 35        | 5.196       | 5.188        | 5.205      | PH       | -250           | -3273        | -0.05%         | -0.003%       |
| 36        | 5.210       | 5.205        | 5.225      | PH       | -241           | -3734        | -0.06%         | -0.003%       |

|    |       |       |       |    | rt   | Area   | Area%  | Height  |
|----|-------|-------|-------|----|------|--------|--------|---------|
| 37 | 5.247 | 5.225 | 5.260 | PH | -222 | -6260  | -0.10% | -0.005% |
| 38 | 5.265 | 5.260 | 5.279 | PH | -244 | -3133  | -0.05% | -0.003% |
| 39 | 5.282 | 5.279 | 5.299 | PH | -218 | -3445  | -0.05% | -0.003% |
| 40 | 5.315 | 5.299 | 5.343 | PH | -254 | -8317  | -0.13% | -0.007% |
| 41 | 5.347 | 5.343 | 5.364 | PH | -258 | -3896  | -0.06% | -0.003% |
| 42 | 5.391 | 5.364 | 5.405 | PH | -180 | -6892  | -0.11% | -0.006% |
| 43 | 5.419 | 5.405 | 5.439 | PH | -233 | -5962  | -0.09% | -0.005% |
| 44 | 5.454 | 5.439 | 5.462 | PH | -261 | -4576  | -0.07% | -0.004% |
| 45 | 5.471 | 5.462 | 5.509 | PH | -285 | -9734  | -0.15% | -0.008% |
| 46 | 5.512 | 5.509 | 5.540 | PH | -333 | -6912  | -0.11% | -0.006% |
| 47 | 5.553 | 5.540 | 5.558 | PH | -344 | -3720  | -0.06% | -0.003% |
| 48 | 5.573 | 5.558 | 5.606 | PH | -206 | -9269  | -0.14% | -0.008% |
| 49 | 5.615 | 5.606 | 5.629 | PH | -332 | -5186  | -0.08% | -0.004% |
| 50 | 5.637 | 5.629 | 5.644 | PH | -296 | -3114  | -0.05% | -0.003% |
| 51 | 5.674 | 5.644 | 5.684 | PH | -210 | -7279  | -0.11% | -0.006% |
| 52 | 5.697 | 5.684 | 5.754 | PH | -165 | -11914 | -0.18% | -0.010% |
| 53 | 5.760 | 5.754 | 5.776 | PH | -322 | -4570  | -0.07% | -0.004% |
| 54 | 5.783 | 5.776 | 5.789 | PH | -303 | -2834  | -0.04% | -0.002% |
| 55 | 5.791 | 5.789 | 5.812 | PH | -316 | -5422  | -0.08% | -0.005% |
| 56 | 5.817 | 5.812 | 5.834 | PH | -374 | -5495  | -0.09% | -0.005% |
| 57 | 5.841 | 5.834 | 5.862 | PH | -336 | -6919  | -0.11% | -0.006% |
| 58 | 5.867 | 5.862 | 5.874 | PH | -352 | -2880  | -0.04% | -0.002% |
| 59 | 5.887 | 5.874 | 5.920 | PH | -387 | -11511 | -0.18% | -0.010% |
| 60 | 5.950 | 5.920 | 6.027 | PH | 1007 | 10648  | 0.17%  | 0.009%  |
| 61 | 6.032 | 6.027 | 6.069 | PH | -65  | -4596  | -0.07% | -0.004% |
| 62 | 6.079 | 6.069 | 6.134 | PH | -120 | -9017  | -0.14% | -0.008% |
| 63 | 6.169 | 6.134 | 6.225 | PH | -239 | -17451 | -0.27% | -0.015% |
| 64 | 6.284 | 6.225 | 6.314 | PH | -157 | -13839 | -0.21% | -0.012% |
| 65 | 6.347 | 6.314 | 6.357 | PH | -138 | -4671  | -0.07% | -0.004% |
| 66 | 6.374 | 6.357 | 6.439 | PH | -11  | -9176  | -0.14% | -0.008% |
| 67 | 6.457 | 6.439 | 6.472 | PH | -244 | -6045  | -0.09% | -0.005% |
| 68 | 6.479 | 6.472 | 6.494 | PH | -249 | -4108  | -0.06% | -0.004% |
| 69 | 6.521 | 6.494 | 6.552 | PH | -207 | -11439 | -0.18% | -0.010% |
| 70 | 6.561 | 6.552 | 6.637 | PH | -296 | -20776 | -0.32% | -0.018% |
| 71 | 6.641 | 6.637 | 6.667 | PH | -361 | -7573  | -0.12% | -0.006% |
| 72 | 6.689 | 6.667 | 6.715 | PH | -348 | -12469 | -0.19% | -0.011% |
| 73 | 6.721 | 6.715 | 6.754 | PH | -420 | -9845  | -0.15% | -0.008% |
| 74 | 6.772 | 6.754 | 6.799 | PH | -295 | -10522 | -0.16% | -0.009% |
| 75 | 6.808 | 6.799 | 6.850 | PH | -358 | -13569 | -0.21% | -0.012% |
| 76 | 6.876 | 6.850 | 6.885 | PH | -322 | -7463  | -0.12% | -0.006% |
| 77 | 6.897 | 6.885 | 6.920 | PH | -262 | -6639  | -0.10% | -0.006% |
| 78 | 6.930 | 6.920 | 6.962 | PH | -198 | -7913  | -0.12% | -0.007% |
| 79 | 7.013 | 6.962 | 7.057 | PH | 172  | -5316  | -0.08% | -0.005% |
| 80 | 7.072 | 7.057 | 7.115 | PH | 3    | -4196  | -0.07% | -0.004% |
| 81 | 7.137 | 7.115 | 7.192 | PH | 851  | 7065   | 0.11%  | 0.006%  |
| 82 | 7.197 | 7.192 | 7.239 | PH | -73  | -4750  | -0.07% | -0.004% |
| 83 | 7.246 | 7.239 | 7.264 | PH | -183 | -3447  | -0.05% | -0.003% |
| 84 | 7.298 | 7.264 | 7.337 | PH | 14   | -8505  | -0.13% | -0.007% |
| 85 | 7.346 | 7.337 | 7.357 | PH | -288 | -3841  | -0.06% | -0.003% |
| 86 | 7.366 | 7.357 | 7.417 | PH | -265 | -11808 | -0.18% | -0.010% |
| 87 | 7.429 | 7.417 | 7.451 | PH | -328 | -7349  | -0.11% | -0.006% |
| 88 | 7.466 | 7.451 | 7.499 | PH | -201 | -9574  | -0.15% | -0.008% |
| 89 | 7.519 | 7.499 | 7.536 | PH | -300 | -9032  | -0.14% | -0.008% |

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|     |        |        |        |    | rt    | Area   | Height | Area%   | Height% |
|-----|--------|--------|--------|----|-------|--------|--------|---------|---------|
| 90  | 7.583  | 7.536  | 7.610  | PH | -276  | -16946 | -0.26% | -0.014% |         |
| 91  | 7.622  | 7.610  | 7.665  | PH | -324  | -13263 | -0.21% | -0.011% |         |
| 92  | 7.742  | 7.665  | 7.804  | PH | -128  | -22276 | -0.35% | -0.019% |         |
| 93  | 7.814  | 7.804  | 7.844  | PH | -259  | -6564  | -0.10% | -0.006% |         |
| 94  | 7.897  | 7.844  | 7.955  | PH | 263   | -3651  | -0.06% | -0.003% |         |
| 95  | 7.988  | 7.955  | 8.052  | PH | 709   | 15138  | 0.23%  | 0.013%  |         |
| 96  | 8.096  | 8.052  | 8.112  | PH | 2924  | 37623  | 0.58%  | 0.032%  |         |
| 97  | 8.125  | 8.112  | 8.145  | HH | 1807  | 25878  | 0.40%  | 0.022%  |         |
| 98  | 8.164  | 8.145  | 8.210  | HH | 1154  | 22565  | 0.35%  | 0.019%  |         |
| 99  | 8.281  | 8.210  | 8.352  | HH | 6803  | 150145 | 2.33%  | 0.128%  |         |
| 100 | 8.369  | 8.352  | 8.487  | HH | 781   | 13850  | 0.21%  | 0.012%  |         |
| 101 | 8.572  | 8.487  | 8.612  | PH | 22176 | 270072 | 4.19%  | 0.230%  |         |
| 102 | 8.622  | 8.612  | 8.669  | HH | 1640  | 36203  | 0.56%  | 0.031%  |         |
| 103 | 8.698  | 8.669  | 8.729  | HH | 961   | 21682  | 0.34%  | 0.018%  |         |
| 104 | 8.740  | 8.729  | 8.757  | HH | 306   | 4424   | 0.07%  | 0.004%  |         |
| 105 | 8.762  | 8.757  | 8.784  | HH | 309   | 3923   | 0.06%  | 0.003%  |         |
| 106 | 8.813  | 8.784  | 8.833  | HH | 3007  | 40001  | 0.62%  | 0.034%  |         |
| 107 | 8.854  | 8.833  | 8.930  | HH | 5458  | 140446 | 2.18%  | 0.120%  |         |
| 108 | 8.936  | 8.930  | 8.963  | HH | 1140  | 18009  | 0.28%  | 0.015%  |         |
| 109 | 8.985  | 8.963  | 9.005  | HH | 2725  | 39270  | 0.61%  | 0.033%  |         |
| 110 | 9.025  | 9.005  | 9.111  | HH | 2349  | 49968  | 0.77%  | 0.043%  |         |
| 111 | 9.138  | 9.111  | 9.157  | HH | 2341  | 30517  | 0.47%  | 0.026%  |         |
| 112 | 9.174  | 9.157  | 9.207  | HH | 1705  | 26951  | 0.42%  | 0.023%  |         |
| 113 | 9.226  | 9.207  | 9.241  | HH | 630   | 10484  | 0.16%  | 0.009%  |         |
| 114 | 9.275  | 9.241  | 9.305  | HH | 2029  | 39528  | 0.61%  | 0.034%  |         |
| 115 | 9.322  | 9.305  | 9.333  | HH | 809   | 10938  | 0.17%  | 0.009%  |         |
| 116 | 9.360  | 9.333  | 9.415  | HH | 22399 | 351296 | 5.45%  | 0.299%  |         |
| 117 | 9.437  | 9.415  | 9.462  | HH | 4195  | 75597  | 1.17%  | 0.064%  |         |
| 118 | 9.479  | 9.462  | 9.490  | HH | 3644  | 47718  | 0.74%  | 0.041%  |         |
| 119 | 9.509  | 9.490  | 9.550  | HH | 7973  | 150586 | 2.33%  | 0.128%  |         |
| 120 | 9.570  | 9.550  | 9.609  | HH | 4172  | 85594  | 1.33%  | 0.073%  |         |
| 121 | 9.626  | 9.609  | 9.658  | HH | 1610  | 36595  | 0.57%  | 0.031%  |         |
| 122 | 9.683  | 9.658  | 9.724  | HH | 6638  | 120313 | 1.86%  | 0.103%  |         |
| 123 | 9.732  | 9.724  | 9.747  | HH | 1540  | 19083  | 0.30%  | 0.016%  |         |
| 124 | 9.786  | 9.747  | 9.829  | HH | 7337  | 175127 | 2.71%  | 0.149%  |         |
| 125 | 9.844  | 9.829  | 9.864  | HH | 2771  | 46577  | 0.72%  | 0.040%  |         |
| 126 | 9.871  | 9.864  | 9.906  | HH | 1936  | 33881  | 0.53%  | 0.029%  |         |
| 127 | 9.949  | 9.906  | 10.023 | HH | 1413  | 56525  | 0.88%  | 0.048%  |         |
| 128 | 10.043 | 10.023 | 10.055 | HH | 535   | 9179   | 0.14%  | 0.008%  |         |
| 129 | 10.065 | 10.055 | 10.080 | HH | 557   | 7871   | 0.12%  | 0.007%  |         |
| 130 | 10.103 | 10.080 | 10.139 | HH | 1348  | 30178  | 0.47%  | 0.026%  |         |
| 131 | 10.156 | 10.139 | 10.192 | HH | 1654  | 38625  | 0.60%  | 0.033%  |         |
| 132 | 10.211 | 10.192 | 10.224 | HH | 2291  | 35147  | 0.54%  | 0.030%  |         |
| 133 | 10.246 | 10.224 | 10.268 | HH | 6685  | 110856 | 1.72%  | 0.095%  |         |
| 134 | 10.285 | 10.268 | 10.325 | HH | 4479  | 88786  | 1.38%  | 0.076%  |         |
| 135 | 10.360 | 10.325 | 10.400 | HH | 6163  | 142077 | 2.20%  | 0.121%  |         |
| 136 | 10.429 | 10.400 | 10.479 | HH | 8039  | 205068 | 3.18%  | 0.175%  |         |
| 137 | 10.502 | 10.479 | 10.514 | HH | 3935  | 71657  | 1.11%  | 0.061%  |         |
| 138 | 10.529 | 10.514 | 10.543 | HH | 7142  | 94506  | 1.46%  | 0.081%  |         |
| 139 | 10.569 | 10.543 | 10.622 | HH | 13617 | 325576 | 5.05%  | 0.278%  |         |
| 140 | 10.633 | 10.622 | 10.649 | HH | 3091  | 44299  | 0.69%  | 0.038%  |         |
| 141 | 10.664 | 10.649 | 10.715 | HH | 5601  | 130616 | 2.02%  | 0.111%  |         |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 142    | 10.765 | 10.715 | 10.817 | HH | 324099 | 3991312 | 61.87%  | 3.403% |
| 143    | 10.841 | 10.817 | 11.005 | HH | 91706  | 1689373 | 26.19%  | 1.440% |
| 144    | 11.036 | 11.005 | 11.049 | HH | 4471   | 96451   | 1.50%   | 0.082% |
| 145    | 11.072 | 11.049 | 11.149 | HH | 12433  | 375394  | 5.82%   | 0.320% |
| 146    | 11.167 | 11.149 | 11.182 | HH | 4725   | 84275   | 1.31%   | 0.072% |
| 147    | 11.205 | 11.182 | 11.237 | HH | 5808   | 143988  | 2.23%   | 0.123% |
| 148    | 11.299 | 11.237 | 11.339 | HH | 11615  | 337506  | 5.23%   | 0.288% |
| 149    | 11.364 | 11.339 | 11.385 | HH | 6206   | 128621  | 1.99%   | 0.110% |
| 150    | 11.422 | 11.385 | 11.446 | HH | 5271   | 159947  | 2.48%   | 0.136% |
| 151    | 11.470 | 11.446 | 11.489 | HH | 4469   | 101276  | 1.57%   | 0.086% |
| 152    | 11.498 | 11.489 | 11.517 | HH | 4085   | 64133   | 0.99%   | 0.055% |
| 153    | 11.529 | 11.517 | 11.544 | HH | 4110   | 60787   | 0.94%   | 0.052% |
| 154    | 11.570 | 11.544 | 11.585 | HH | 31128  | 404360  | 6.27%   | 0.345% |
| 155    | 11.601 | 11.585 | 11.647 | HH | 39440  | 635762  | 9.85%   | 0.542% |
| 156    | 11.683 | 11.647 | 11.704 | HH | 57061  | 917976  | 14.23%  | 0.783% |
| 157    | 11.718 | 11.704 | 11.732 | HH | 21588  | 284160  | 4.40%   | 0.242% |
| 158    | 11.749 | 11.732 | 11.795 | HH | 30757  | 553412  | 8.58%   | 0.472% |
| 159    | 11.813 | 11.795 | 11.830 | HH | 5627   | 109204  | 1.69%   | 0.093% |
| 160    | 11.852 | 11.830 | 11.867 | HH | 6840   | 138915  | 2.15%   | 0.118% |
| 161    | 11.882 | 11.867 | 11.927 | HH | 6682   | 205448  | 3.18%   | 0.175% |
| 162    | 11.950 | 11.927 | 12.019 | HH | 14849  | 461355  | 7.15%   | 0.393% |
| 163    | 12.043 | 12.019 | 12.093 | HH | 21562  | 474618  | 7.36%   | 0.405% |
| 164    | 12.106 | 12.093 | 12.125 | HH | 6031   | 111316  | 1.73%   | 0.095% |
| 165    | 12.135 | 12.125 | 12.157 | HH | 5901   | 103475  | 1.60%   | 0.088% |
| 166    | 12.188 | 12.157 | 12.217 | HH | 7301   | 208282  | 3.23%   | 0.178% |
| 167    | 12.248 | 12.217 | 12.260 | HH | 5479   | 135495  | 2.10%   | 0.116% |
| 168    | 12.296 | 12.260 | 12.307 | HH | 8624   | 192378  | 2.98%   | 0.164% |
| 169    | 12.316 | 12.307 | 12.341 | HH | 8972   | 154314  | 2.39%   | 0.132% |
| 170    | 12.364 | 12.341 | 12.407 | HH | 11639  | 335727  | 5.20%   | 0.286% |
| 171    | 12.437 | 12.407 | 12.456 | HH | 20381  | 367540  | 5.70%   | 0.313% |
| 172    | 12.474 | 12.456 | 12.493 | HH | 21876  | 350651  | 5.44%   | 0.299% |
| 173    | 12.516 | 12.493 | 12.560 | HH | 14769  | 509589  | 7.90%   | 0.434% |
| 174    | 12.594 | 12.560 | 12.649 | HH | 516603 | 6451395 | 100.00% | 5.500% |
| 175    | 12.664 | 12.649 | 12.712 | HH | 12222  | 376040  | 5.83%   | 0.321% |
| 176    | 12.746 | 12.712 | 12.757 | HH | 13922  | 310443  | 4.81%   | 0.265% |
| 177    | 12.777 | 12.757 | 12.797 | HH | 22562  | 404744  | 6.27%   | 0.345% |
| 178    | 12.815 | 12.797 | 12.862 | HH | 15027  | 479369  | 7.43%   | 0.409% |
| 179    | 12.892 | 12.862 | 12.925 | HH | 411190 | 5001738 | 77.53%  | 4.264% |
| 180    | 12.947 | 12.925 | 12.963 | HH | 56078  | 774823  | 12.01%  | 0.661% |
| 181    | 12.979 | 12.963 | 13.038 | HH | 51458  | 1043642 | 16.18%  | 0.890% |
| 182    | 13.066 | 13.038 | 13.081 | HH | 22149  | 391640  | 6.07%   | 0.334% |
| 183    | 13.100 | 13.081 | 13.144 | HH | 26343  | 643157  | 9.97%   | 0.548% |
| 184    | 13.163 | 13.144 | 13.200 | HH | 29358  | 614053  | 9.52%   | 0.523% |
| 185    | 13.222 | 13.200 | 13.230 | HH | 13317  | 216438  | 3.35%   | 0.185% |
| 186    | 13.244 | 13.230 | 13.268 | HH | 15441  | 294409  | 4.56%   | 0.251% |
| 187    | 13.292 | 13.268 | 13.327 | HH | 20739  | 527835  | 8.18%   | 0.450% |
| 188    | 13.354 | 13.327 | 13.425 | HH | 31499  | 937080  | 14.53%  | 0.799% |
| 189    | 13.484 | 13.425 | 13.529 | HH | 69910  | 1668684 | 25.87%  | 1.423% |
| 190    | 13.547 | 13.529 | 13.565 | HH | 16796  | 317841  | 4.93%   | 0.271% |
| 191    | 13.591 | 13.565 | 13.613 | HH | 51795  | 853027  | 13.22%  | 0.727% |
| 192    | 13.631 | 13.613 | 13.652 | HH | 37370  | 642596  | 9.96%   | 0.548% |
| 193    | 13.667 | 13.652 | 13.694 | HH | 27158  | 518174  | 8.03%   | 0.442% |
| 194    | 13.760 | 13.694 | 13.783 | HH | 34407  | 1260925 | 19.54%  | 1.075% |

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| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 195    | 13.803 | 13.783 | 13.850 | HH | 30274  | 809800  | 12.55% | 0.690% |
| 196    | 13.885 | 13.850 | 13.904 | HH | 17216  | 510827  | 7.92%  | 0.435% |
| 197    | 13.923 | 13.904 | 13.944 | HH | 16801  | 380438  | 5.90%  | 0.324% |
| 198    | 13.960 | 13.944 | 13.977 | HH | 16383  | 311144  | 4.82%  | 0.265% |
| 199    | 13.991 | 13.977 | 14.005 | HH | 15506  | 257549  | 3.99%  | 0.220% |
| 200    | 14.016 | 14.005 | 14.034 | HH | 15095  | 248559  | 3.85%  | 0.212% |
| 201    | 14.074 | 14.034 | 14.107 | HH | 15977  | 639508  | 9.91%  | 0.545% |
| 202    | 14.194 | 14.107 | 14.211 | HH | 23128  | 1103923 | 17.11% | 0.941% |
| 203    | 14.233 | 14.211 | 14.275 | HH | 36422  | 945833  | 14.66% | 0.806% |
| 204    | 14.295 | 14.275 | 14.315 | HH | 22144  | 498780  | 7.73%  | 0.425% |
| 205    | 14.328 | 14.315 | 14.375 | HH | 23101  | 700832  | 10.86% | 0.597% |
| 206    | 14.404 | 14.375 | 14.437 | HH | 46439  | 1090968 | 16.91% | 0.930% |
| 207    | 14.464 | 14.437 | 14.495 | HH | 63993  | 1372807 | 21.28% | 1.170% |
| 208    | 14.515 | 14.495 | 14.525 | HH | 35083  | 536473  | 8.32%  | 0.457% |
| 209    | 14.541 | 14.525 | 14.577 | HH | 43352  | 991576  | 15.37% | 0.845% |
| 210    | 14.587 | 14.577 | 14.605 | HH | 22638  | 372882  | 5.78%  | 0.318% |
| 211    | 14.629 | 14.605 | 14.640 | HH | 26405  | 513598  | 7.96%  | 0.438% |
| 212    | 14.657 | 14.640 | 14.705 | HH | 28008  | 918360  | 14.24% | 0.783% |
| 213    | 14.739 | 14.705 | 14.753 | HH | 33712  | 714204  | 11.07% | 0.609% |
| 214    | 14.782 | 14.753 | 14.803 | HH | 233502 | 3463693 | 53.69% | 2.953% |
| 215    | 14.824 | 14.803 | 14.905 | HH | 214129 | 4071246 | 63.11% | 3.471% |
| 216    | 14.944 | 14.905 | 15.000 | HH | 64842  | 2149621 | 33.32% | 1.833% |
| 217    | 15.038 | 15.000 | 15.070 | HH | 36392  | 1255825 | 19.47% | 1.071% |
| 218    | 15.094 | 15.070 | 15.112 | HH | 41947  | 876380  | 13.58% | 0.747% |
| 219    | 15.129 | 15.112 | 15.160 | HH | 39768  | 982720  | 15.23% | 0.838% |
| 220    | 15.169 | 15.160 | 15.195 | HH | 29293  | 584293  | 9.06%  | 0.498% |
| 221    | 15.240 | 15.195 | 15.262 | HH | 33185  | 1236716 | 19.17% | 1.054% |
| 222    | 15.271 | 15.262 | 15.312 | HH | 30264  | 853289  | 13.23% | 0.727% |
| 223    | 15.352 | 15.312 | 15.365 | HH | 31380  | 934285  | 14.48% | 0.796% |
| 224    | 15.372 | 15.365 | 15.389 | HH | 31158  | 421818  | 6.54%  | 0.360% |
| 225    | 15.415 | 15.389 | 15.435 | HH | 35637  | 925813  | 14.35% | 0.789% |
| 226    | 15.458 | 15.435 | 15.480 | HH | 65825  | 1253933 | 19.44% | 1.069% |
| 227    | 15.497 | 15.480 | 15.527 | HH | 45481  | 1104064 | 17.11% | 0.941% |
| 228    | 15.545 | 15.527 | 15.580 | HH | 40885  | 1141044 | 17.69% | 0.973% |
| 229    | 15.618 | 15.580 | 15.670 | HH | 54031  | 2318832 | 35.94% | 1.977% |
| 230    | 15.693 | 15.670 | 15.728 | HH | 42695  | 1270635 | 19.70% | 1.083% |
| 231    | 15.739 | 15.728 | 15.761 | HH | 33941  | 646390  | 10.02% | 0.551% |
| 232    | 15.784 | 15.761 | 15.830 | HH | 37910  | 1388448 | 21.52% | 1.184% |
| 233    | 15.855 | 15.830 | 15.940 | HH | 42680  | 2453043 | 38.02% | 2.091% |
| 234    | 15.960 | 15.940 | 15.978 | HH | 35160  | 774222  | 12.00% | 0.660% |
| 235    | 15.998 | 15.978 | 16.012 | HH | 35114  | 689438  | 10.69% | 0.588% |
| 236    | 16.058 | 16.012 | 16.085 | HH | 40282  | 1621419 | 25.13% | 1.382% |
| 237    | 16.102 | 16.085 | 16.121 | HH | 43480  | 851663  | 13.20% | 0.726% |
| 238    | 16.144 | 16.121 | 16.192 | HH | 46807  | 1787149 | 27.70% | 1.524% |
| 239    | 16.232 | 16.192 | 16.245 | HH | 42536  | 1327670 | 20.58% | 1.132% |
| 240    | 16.265 | 16.245 | 16.290 | HH | 52156  | 1238814 | 19.20% | 1.056% |
| 241    | 16.308 | 16.290 | 16.319 | HH | 48541  | 781358  | 12.11% | 0.666% |
| 242    | 16.356 | 16.319 | 16.374 | HH | 240638 | 4297103 | 66.61% | 3.663% |
| 243    | 16.382 | 16.374 | 16.417 | HH | 130583 | 2197444 | 34.06% | 1.873% |
| 244    | 16.430 | 16.417 | 16.454 | HH | 50184  | 1077693 | 16.70% | 0.919% |
| 245    | 16.486 | 16.454 | 16.540 | HH | 86480  | 3034172 | 47.03% | 2.587% |
| 246    | 16.554 | 16.540 | 16.574 | HH | 50072  | 1003007 | 15.55% | 0.855% |

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|                         |        |        |        |     | rters  |           |        |        |
|-------------------------|--------|--------|--------|-----|--------|-----------|--------|--------|
| 247                     | 16.610 | 16.574 | 16.618 | HH  | 53499  | 1351368   | 20.95% | 1.152% |
| 248                     | 16.641 | 16.618 | 16.652 | HH  | 66592  | 1214678   | 18.83% | 1.036% |
| 249                     | 16.678 | 16.652 | 16.710 | HH  | 169253 | 3452185   | 53.51% | 2.943% |
| 250                     | 16.739 | 16.710 | 16.798 | HH  | 200692 | 4972197   | 77.07% | 4.239% |
| 251                     | 16.840 | 16.798 | 16.860 | HHA | 101322 | 2738995   | 42.46% | 2.335% |
| Sum of corrected areas: |        |        |        |     |        | 117300534 |        |        |

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