

Instrument :  
FID\_F  
ClientSampleId :

rtres

Area Percent Report

Manual Integrations  
APPROVED

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6/4/2018 10:12:14 AM

Data Path : P:\HPCHEM1\FID\_F\Data\FF060118\  
Data File : FF000721.D  
Signal(s) : FID2B.ch  
Acq On : 02 Jun 2018 01:10  
Sample : J2676-37MSD  
Misc :  
ALS Vial : 67 Sample Multiplier: 1

Integration File: Sample.e

Method : P:\HPCHEM1\FID\_F\Method\FF060118.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         | 4.251       | 4.202        | 4.279      | BH       | 210950         | 1951472      | 41.67%         | 2.180%        |
| 2         | 4.287       | 4.279        | 4.305      | HH       | 668            | 7219         | 0.15%          | 0.008%        |
| 3         | 4.322       | 4.305        | 4.336      | HH       | 288            | 3591         | 0.08%          | 0.004%        |
| 4         | 4.353       | 4.336        | 4.379      | HH       | 214            | 2501         | 0.05%          | 0.003%        |
| 5         | 4.400       | 4.379        | 4.422      | PH       | 1427           | 15949        | 0.34%          | 0.018%        |
| 6         | 4.462       | 4.422        | 4.551      | HH       | 1141           | 43914        | 0.94%          | 0.049%        |
| 7         | 4.564       | 4.551        | 4.572      | HH       | 300            | 2408         | 0.05%          | 0.003%        |
| 8         | 4.579       | 4.572        | 4.589      | HH       | 300            | 2286         | 0.05%          | 0.003%        |
| 9         | 4.594       | 4.589        | 4.599      | HH       | 198            | 1017         | 0.02%          | 0.001%        |
| 10        | 4.611       | 4.599        | 4.627      | HH       | 1001           | 11413        | 0.24%          | 0.013%        |
| 11        | 4.635       | 4.627        | 4.687      | HH       | 990            | 12647        | 0.27%          | 0.014%        |
| 12        | 4.701       | 4.687        | 4.740      | PH       | 131            | 914          | 0.02%          | 0.001%        |
| 13        | 4.748       | 4.740        | 4.765      | PH       | -7             | -916         | -0.02%         | -0.001%       |
| 14        | 4.773       | 4.765        | 4.796      | PH       | -24            | -1460        | -0.03%         | -0.002%       |
| 15        | 4.807       | 4.796        | 4.817      | PH       | 139            | 905          | 0.02%          | 0.001%        |
| 16        | 4.840       | 4.817        | 4.874      | HH       | 444            | 4087         | 0.09%          | 0.005%        |
| 17        | 4.890       | 4.874        | 4.911      | PH       | 320            | 2339         | 0.05%          | 0.003%        |
| 18        | 4.930       | 4.911        | 4.936      | PH       | 213            | 1013         | 0.02%          | 0.001%        |
| 19        | 4.948       | 4.936        | 4.974      | HH       | 475            | 5510         | 0.12%          | 0.006%        |
| 20        | 4.989       | 4.974        | 5.003      | PH       | 192            | 491          | 0.01%          | 0.001%        |
| 21        | 5.011       | 5.003        | 5.035      | PH       | 32             | -1511        | -0.03%         | -0.002%       |
| 22        | 5.038       | 5.035        | 5.041      | PH       | -133           | -519         | -0.01%         | -0.001%       |
| 23        | 5.049       | 5.041        | 5.063      | PH       | -23            | -1245        | -0.03%         | -0.001%       |
| 24        | 5.105       | 5.063        | 5.132      | PH       | 642            | 4157         | 0.09%          | 0.005%        |
| 25        | 5.166       | 5.132        | 5.194      | PH       | 456            | 2935         | 0.06%          | 0.003%        |
| 26        | 5.198       | 5.194        | 5.211      | PH       | -186           | -1995        | -0.04%         | -0.002%       |
| 27        | 5.222       | 5.211        | 5.249      | PH       | -97            | -3643        | -0.08%         | -0.004%       |
| 28        | 5.286       | 5.249        | 5.321      | PH       | 1807           | 15349        | 0.33%          | 0.017%        |
| 29        | 5.356       | 5.321        | 5.376      | PH       | 2851           | 26854        | 0.57%          | 0.030%        |
| 30        | 5.393       | 5.376        | 5.417      | PH       | 794            | 6472         | 0.14%          | 0.007%        |
| 31        | 5.421       | 5.417        | 5.425      | PH       | -140           | -874         | -0.02%         | -0.001%       |
| 32        | 5.438       | 5.425        | 5.446      | PH       | -16            | -1345        | -0.03%         | -0.002%       |
| 33        | 5.465       | 5.446        | 5.487      | PH       | 427            | 3251         | 0.07%          | 0.004%        |
| 34        | 5.504       | 5.487        | 5.511      | PH       | -19            | -1731        | -0.04%         | -0.002%       |
| 35        | 5.534       | 5.511        | 5.551      | PH       | 74             | -453         | -0.01%         | -0.001%       |
| 36        | 5.558       | 5.551        | 5.564      | PH       | 91             | 86           | 0.00%          | 0.000%        |

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|    |       |       |       |    | rt     | Area    | Height | %Area   | %Height |
|----|-------|-------|-------|----|--------|---------|--------|---------|---------|
| 37 | 5.572 | 5.564 | 5.605 | HH | 161    | 299     | 0.01%  | 0.000%  |         |
| 38 | 5.613 | 5.605 | 5.640 | PH | 43     | -1601   | -0.03% | -0.002% |         |
| 39 | 5.650 | 5.640 | 5.662 | PH | -43    | -1610   | -0.03% | -0.002% |         |
| 40 | 5.669 | 5.662 | 5.684 | PH | -81    | -1960   | -0.04% | -0.002% |         |
| 41 | 5.698 | 5.684 | 5.706 | PH | -74    | -1750   | -0.04% | -0.002% |         |
| 42 | 5.735 | 5.706 | 5.754 | PH | 144    | -2115   | -0.05% | -0.002% |         |
| 43 | 5.791 | 5.754 | 5.806 | PH | 292    | 233     | 0.00%  | 0.000%  |         |
| 44 | 5.826 | 5.806 | 5.869 | PH | 1658   | 24501   | 0.52%  | 0.027%  |         |
| 45 | 5.880 | 5.869 | 5.892 | HH | 288    | 3079    | 0.07%  | 0.003%  |         |
| 46 | 5.902 | 5.892 | 5.909 | HH | 276    | 2325    | 0.05%  | 0.003%  |         |
| 47 | 5.923 | 5.909 | 5.954 | HH | 638    | 7688    | 0.16%  | 0.009%  |         |
| 48 | 5.989 | 5.954 | 6.033 | HH | 1440   | 22071   | 0.47%  | 0.025%  |         |
| 49 | 6.043 | 6.033 | 6.049 | PH | 60     | 130     | 0.00%  | 0.000%  |         |
| 50 | 6.065 | 6.049 | 6.081 | HH | 225    | 2126    | 0.05%  | 0.002%  |         |
| 51 | 6.110 | 6.081 | 6.132 | PH | 709    | 10285   | 0.22%  | 0.011%  |         |
| 52 | 6.138 | 6.132 | 6.144 | HH | 239    | 1309    | 0.03%  | 0.001%  |         |
| 53 | 6.155 | 6.144 | 6.170 | HH | 318    | 3724    | 0.08%  | 0.004%  |         |
| 54 | 6.191 | 6.170 | 6.200 | HH | 403    | 5574    | 0.12%  | 0.006%  |         |
| 55 | 6.209 | 6.200 | 6.223 | HH | 509    | 5266    | 0.11%  | 0.006%  |         |
| 56 | 6.265 | 6.223 | 6.298 | HH | 203417 | 2034948 | 43.45% | 2.273%  |         |
| 57 | 6.302 | 6.298 | 6.328 | HH | 766    | 10298   | 0.22%  | 0.012%  |         |
| 58 | 6.347 | 6.328 | 6.367 | HH | 670    | 8951    | 0.19%  | 0.010%  |         |
| 59 | 6.385 | 6.367 | 6.391 | HH | 364    | 3809    | 0.08%  | 0.004%  |         |
| 60 | 6.412 | 6.391 | 6.436 | HH | 1403   | 18411   | 0.39%  | 0.021%  |         |
| 61 | 6.450 | 6.436 | 6.473 | HH | 549    | 7471    | 0.16%  | 0.008%  |         |
| 62 | 6.482 | 6.473 | 6.504 | HH | 305    | 3900    | 0.08%  | 0.004%  |         |
| 63 | 6.522 | 6.504 | 6.564 | HH | 305    | 7122    | 0.15%  | 0.008%  |         |
| 64 | 6.581 | 6.564 | 6.606 | HH | 752    | 10275   | 0.22%  | 0.011%  |         |
| 65 | 6.612 | 6.606 | 6.631 | HH | 245    | 2216    | 0.05%  | 0.002%  |         |
| 66 | 6.650 | 6.631 | 6.676 | HH | 485    | 7202    | 0.15%  | 0.008%  |         |
| 67 | 6.685 | 6.676 | 6.701 | HH | 349    | 3047    | 0.07%  | 0.003%  |         |
| 68 | 6.716 | 6.701 | 6.721 | HH | 293    | 2532    | 0.05%  | 0.003%  |         |
| 69 | 6.742 | 6.721 | 6.771 | HH | 932    | 19260   | 0.41%  | 0.022%  |         |
| 70 | 6.777 | 6.771 | 6.802 | HH | 817    | 9103    | 0.19%  | 0.010%  |         |
| 71 | 6.820 | 6.802 | 6.846 | HH | 762    | 8226    | 0.18%  | 0.009%  |         |
| 72 | 6.876 | 6.846 | 6.897 | PH | 1338   | 21756   | 0.46%  | 0.024%  |         |
| 73 | 6.916 | 6.897 | 6.943 | HH | 808    | 12999   | 0.28%  | 0.015%  |         |
| 74 | 6.964 | 6.943 | 6.986 | HH | 1303   | 16600   | 0.35%  | 0.019%  |         |
| 75 | 7.010 | 6.986 | 7.037 | HH | 796    | 13005   | 0.28%  | 0.015%  |         |
| 76 | 7.055 | 7.037 | 7.076 | HH | 616    | 8142    | 0.17%  | 0.009%  |         |
| 77 | 7.084 | 7.076 | 7.118 | HH | 219    | 2257    | 0.05%  | 0.003%  |         |
| 78 | 7.139 | 7.118 | 7.149 | PH | 231    | 2515    | 0.05%  | 0.003%  |         |
| 79 | 7.159 | 7.149 | 7.165 | HH | 218    | 1487    | 0.03%  | 0.002%  |         |
| 80 | 7.185 | 7.165 | 7.200 | HH | 2209   | 23888   | 0.51%  | 0.027%  |         |
| 81 | 7.210 | 7.200 | 7.280 | HH | 1124   | 25050   | 0.53%  | 0.028%  |         |
| 82 | 7.318 | 7.280 | 7.334 | HH | 434    | 9111    | 0.19%  | 0.010%  |         |
| 83 | 7.355 | 7.334 | 7.384 | HH | 466    | 6628    | 0.14%  | 0.007%  |         |
| 84 | 7.403 | 7.384 | 7.418 | PH | 125    | 450     | 0.01%  | 0.001%  |         |
| 85 | 7.462 | 7.418 | 7.481 | PH | 967    | 13181   | 0.28%  | 0.015%  |         |
| 86 | 7.518 | 7.481 | 7.568 | PH | 385    | 8801    | 0.19%  | 0.010%  |         |
| 87 | 7.573 | 7.568 | 7.577 | HH | 140    | 704     | 0.02%  | 0.001%  |         |
| 88 | 7.603 | 7.577 | 7.619 | HH | 1361   | 19828   | 0.42%  | 0.022%  |         |
| 89 | 7.631 | 7.619 | 7.650 | HH | 1365   | 17611   | 0.38%  | 0.020%  |         |

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|     |       |       |       |    | rt     | Area    | Area%  | Height |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
| 90  | 7.660 | 7.650 | 7.689 | HH | 714    | 11032   | 0.24%  | 0.012% |
| 91  | 7.705 | 7.689 | 7.722 | HH | 371    | 4404    | 0.09%  | 0.005% |
| 92  | 7.750 | 7.722 | 7.769 | HH | 678    | 10272   | 0.22%  | 0.011% |
| 93  | 7.781 | 7.769 | 7.789 | HH | 709    | 7365    | 0.16%  | 0.008% |
| 94  | 7.806 | 7.789 | 7.831 | HH | 1576   | 21026   | 0.45%  | 0.023% |
| 95  | 7.850 | 7.831 | 7.861 | HH | 400    | 5524    | 0.12%  | 0.006% |
| 96  | 7.876 | 7.861 | 7.907 | HH | 1054   | 18567   | 0.40%  | 0.021% |
| 97  | 7.945 | 7.907 | 7.953 | HH | 687    | 14345   | 0.31%  | 0.016% |
| 98  | 7.967 | 7.953 | 7.982 | HH | 1063   | 13926   | 0.30%  | 0.016% |
| 99  | 7.995 | 7.982 | 8.007 | HH | 769    | 9448    | 0.20%  | 0.011% |
| 100 | 8.053 | 8.007 | 8.084 | HH | 191201 | 2047171 | 43.72% | 2.287% |
| 101 | 8.108 | 8.084 | 8.136 | HH | 42459  | 443009  | 9.46%  | 0.495% |
| 102 | 8.150 | 8.136 | 8.193 | HH | 3738   | 64008   | 1.37%  | 0.072% |
| 103 | 8.203 | 8.193 | 8.214 | HH | 919    | 10443   | 0.22%  | 0.012% |
| 104 | 8.227 | 8.214 | 8.259 | HH | 885    | 18990   | 0.41%  | 0.021% |
| 105 | 8.278 | 8.259 | 8.312 | HH | 1796   | 29719   | 0.63%  | 0.033% |
| 106 | 8.347 | 8.312 | 8.357 | HH | 593    | 12249   | 0.26%  | 0.014% |
| 107 | 8.404 | 8.357 | 8.419 | HH | 990    | 26314   | 0.56%  | 0.029% |
| 108 | 8.445 | 8.419 | 8.464 | HH | 1692   | 33013   | 0.70%  | 0.037% |
| 109 | 8.473 | 8.464 | 8.482 | HH | 1166   | 12209   | 0.26%  | 0.014% |
| 110 | 8.496 | 8.482 | 8.505 | HH | 1794   | 20059   | 0.43%  | 0.022% |
| 111 | 8.520 | 8.505 | 8.563 | HH | 2896   | 57368   | 1.23%  | 0.064% |
| 112 | 8.587 | 8.563 | 8.619 | HH | 3638   | 59891   | 1.28%  | 0.067% |
| 113 | 8.639 | 8.619 | 8.654 | HH | 1808   | 26990   | 0.58%  | 0.030% |
| 114 | 8.668 | 8.654 | 8.699 | HH | 1607   | 35619   | 0.76%  | 0.040% |
| 115 | 8.716 | 8.699 | 8.752 | HH | 1384   | 33995   | 0.73%  | 0.038% |
| 116 | 8.761 | 8.752 | 8.765 | HH | 936    | 7064    | 0.15%  | 0.008% |
| 117 | 8.787 | 8.765 | 8.818 | HH | 1717   | 38233   | 0.82%  | 0.043% |
| 118 | 8.872 | 8.818 | 8.914 | HH | 12157  | 198883  | 4.25%  | 0.222% |
| 119 | 8.923 | 8.914 | 8.940 | HH | 1249   | 17363   | 0.37%  | 0.019% |
| 120 | 8.958 | 8.940 | 8.981 | HH | 1927   | 31519   | 0.67%  | 0.035% |
| 121 | 9.009 | 8.981 | 9.029 | HH | 1443   | 32809   | 0.70%  | 0.037% |
| 122 | 9.043 | 9.029 | 9.053 | HH | 1095   | 13593   | 0.29%  | 0.015% |
| 123 | 9.065 | 9.053 | 9.074 | HH | 1057   | 12623   | 0.27%  | 0.014% |
| 124 | 9.093 | 9.074 | 9.112 | HH | 1447   | 26409   | 0.56%  | 0.030% |
| 125 | 9.148 | 9.112 | 9.177 | HH | 1533   | 47314   | 1.01%  | 0.053% |
| 126 | 9.202 | 9.177 | 9.216 | HH | 3781   | 55292   | 1.18%  | 0.062% |
| 127 | 9.245 | 9.216 | 9.277 | HH | 3699   | 102391  | 2.19%  | 0.114% |
| 128 | 9.294 | 9.277 | 9.314 | HH | 2501   | 49815   | 1.06%  | 0.056% |
| 129 | 9.329 | 9.314 | 9.355 | HH | 2600   | 52200   | 1.11%  | 0.058% |
| 130 | 9.376 | 9.355 | 9.396 | HH | 3592   | 62467   | 1.33%  | 0.070% |
| 131 | 9.407 | 9.396 | 9.414 | HH | 2284   | 23461   | 0.50%  | 0.026% |
| 132 | 9.429 | 9.414 | 9.454 | HH | 3563   | 55453   | 1.18%  | 0.062% |
| 133 | 9.481 | 9.454 | 9.501 | HH | 2605   | 50805   | 1.08%  | 0.057% |
| 134 | 9.516 | 9.501 | 9.537 | HH | 1549   | 31265   | 0.67%  | 0.035% |
| 135 | 9.553 | 9.537 | 9.557 | HH | 1699   | 18838   | 0.40%  | 0.021% |
| 136 | 9.601 | 9.557 | 9.619 | HH | 2227   | 74957   | 1.60%  | 0.084% |
| 137 | 9.650 | 9.619 | 9.694 | HH | 189674 | 2184541 | 46.65% | 2.441% |
| 138 | 9.722 | 9.694 | 9.738 | HH | 2748   | 61610   | 1.32%  | 0.069% |
| 139 | 9.747 | 9.738 | 9.790 | HH | 2397   | 61466   | 1.31%  | 0.069% |
| 140 | 9.809 | 9.790 | 9.836 | HH | 1966   | 47460   | 1.01%  | 0.053% |
| 141 | 9.858 | 9.836 | 9.866 | HH | 1920   | 30867   | 0.66%  | 0.034% |

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|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 9.878  | 9.866  | 9.902  | HH | 1853   | 36591   | 0.78%  | 0.041% |
| 143 | 9.944  | 9.902  | 9.961  | HH | 2219   | 70122   | 1.50%  | 0.078% |
| 144 | 9.995  | 9.961  | 10.006 | HH | 3222   | 68173   | 1.46%  | 0.076% |
| 145 | 10.036 | 10.006 | 10.059 | HH | 5586   | 126462  | 2.70%  | 0.141% |
| 146 | 10.083 | 10.059 | 10.106 | HH | 3805   | 90640   | 1.94%  | 0.101% |
| 147 | 10.125 | 10.106 | 10.157 | HH | 3980   | 93265   | 1.99%  | 0.104% |
| 148 | 10.179 | 10.157 | 10.207 | HH | 3368   | 77679   | 1.66%  | 0.087% |
| 149 | 10.224 | 10.207 | 10.245 | HH | 2617   | 53446   | 1.14%  | 0.060% |
| 150 | 10.282 | 10.245 | 10.302 | HH | 3030   | 92587   | 1.98%  | 0.103% |
| 151 | 10.313 | 10.302 | 10.327 | HH | 2905   | 43033   | 0.92%  | 0.048% |
| 152 | 10.338 | 10.327 | 10.355 | HH | 2950   | 47261   | 1.01%  | 0.053% |
| 153 | 10.386 | 10.355 | 10.412 | HH | 15479  | 234773  | 5.01%  | 0.262% |
| 154 | 10.458 | 10.412 | 10.539 | HH | 5780   | 267357  | 5.71%  | 0.299% |
| 155 | 10.559 | 10.539 | 10.584 | HH | 2471   | 63703   | 1.36%  | 0.071% |
| 156 | 10.621 | 10.584 | 10.648 | HH | 14365  | 256648  | 5.48%  | 0.287% |
| 157 | 10.664 | 10.648 | 10.681 | HH | 5050   | 82058   | 1.75%  | 0.092% |
| 158 | 10.698 | 10.681 | 10.742 | HH | 6458   | 161222  | 3.44%  | 0.180% |
| 159 | 10.772 | 10.742 | 10.792 | HH | 3676   | 98266   | 2.10%  | 0.110% |
| 160 | 10.804 | 10.792 | 10.822 | HH | 3342   | 56002   | 1.20%  | 0.063% |
| 161 | 10.840 | 10.822 | 10.871 | HH | 3367   | 82687   | 1.77%  | 0.092% |
| 162 | 10.891 | 10.871 | 10.904 | HH | 3399   | 58963   | 1.26%  | 0.066% |
| 163 | 10.924 | 10.904 | 10.947 | HH | 3496   | 79481   | 1.70%  | 0.089% |
| 164 | 10.962 | 10.947 | 10.992 | HH | 3551   | 81649   | 1.74%  | 0.091% |
| 165 | 11.019 | 10.992 | 11.037 | HH | 3499   | 81425   | 1.74%  | 0.091% |
| 166 | 11.088 | 11.037 | 11.129 | HH | 170304 | 2156778 | 46.06% | 2.410% |
| 167 | 11.170 | 11.129 | 11.217 | HH | 4784   | 204042  | 4.36%  | 0.228% |
| 168 | 11.238 | 11.217 | 11.252 | HH | 3695   | 70753   | 1.51%  | 0.079% |
| 169 | 11.277 | 11.252 | 11.300 | HH | 5398   | 113703  | 2.43%  | 0.127% |
| 170 | 11.330 | 11.300 | 11.367 | HH | 5956   | 169866  | 3.63%  | 0.190% |
| 171 | 11.395 | 11.367 | 11.408 | HH | 4845   | 101972  | 2.18%  | 0.114% |
| 172 | 11.423 | 11.408 | 11.439 | HH | 5369   | 85232   | 1.82%  | 0.095% |
| 173 | 11.454 | 11.439 | 11.471 | HH | 5622   | 91258   | 1.95%  | 0.102% |
| 174 | 11.490 | 11.471 | 11.510 | HH | 7952   | 138219  | 2.95%  | 0.154% |
| 175 | 11.535 | 11.510 | 11.556 | HH | 6104   | 134585  | 2.87%  | 0.150% |
| 176 | 11.571 | 11.556 | 11.586 | HH | 5991   | 91671   | 1.96%  | 0.102% |
| 177 | 11.603 | 11.586 | 11.629 | HH | 6419   | 125323  | 2.68%  | 0.140% |
| 178 | 11.634 | 11.629 | 11.641 | HH | 3510   | 24790   | 0.53%  | 0.028% |
| 179 | 11.659 | 11.641 | 11.677 | HH | 4336   | 84267   | 1.80%  | 0.094% |
| 180 | 11.693 | 11.677 | 11.716 | HH | 4703   | 94016   | 2.01%  | 0.105% |
| 181 | 11.755 | 11.716 | 11.774 | HH | 7527   | 182052  | 3.89%  | 0.203% |
| 182 | 11.789 | 11.774 | 11.819 | HH | 4940   | 125017  | 2.67%  | 0.140% |
| 183 | 11.844 | 11.819 | 11.862 | HH | 5318   | 123124  | 2.63%  | 0.138% |
| 184 | 11.881 | 11.862 | 11.936 | HH | 7359   | 236735  | 5.06%  | 0.264% |
| 185 | 11.957 | 11.936 | 11.974 | HH | 5183   | 104513  | 2.23%  | 0.117% |
| 186 | 12.010 | 11.974 | 12.056 | HH | 50689  | 792768  | 16.93% | 0.886% |
| 187 | 12.072 | 12.056 | 12.089 | HH | 5928   | 108500  | 2.32%  | 0.121% |
| 188 | 12.105 | 12.089 | 12.134 | HH | 5668   | 145500  | 3.11%  | 0.163% |
| 189 | 12.143 | 12.134 | 12.155 | HH | 5266   | 64210   | 1.37%  | 0.072% |
| 190 | 12.166 | 12.155 | 12.191 | HH | 5333   | 108010  | 2.31%  | 0.121% |
| 191 | 12.216 | 12.191 | 12.251 | HH | 6563   | 198887  | 4.25%  | 0.222% |
| 192 | 12.272 | 12.251 | 12.292 | HH | 5477   | 126484  | 2.70%  | 0.141% |
| 193 | 12.321 | 12.292 | 12.344 | HH | 8870   | 208055  | 4.44%  | 0.232% |
| 194 | 12.356 | 12.344 | 12.364 | HH | 6137   | 70694   | 1.51%  | 0.079% |

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| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 195    | 12.395 | 12.364 | 12.419 | HH | 160572 | 2080681 | 44.43% | 2.325% |
| 196    | 12.435 | 12.419 | 12.481 | HH | 26004  | 446887  | 9.54%  | 0.499% |
| 197    | 12.488 | 12.481 | 12.493 | HH | 5531   | 39622   | 0.85%  | 0.044% |
| 198    | 12.496 | 12.493 | 12.513 | HH | 5501   | 62734   | 1.34%  | 0.070% |
| 199    | 12.539 | 12.513 | 12.553 | HH | 6403   | 138080  | 2.95%  | 0.154% |
| 200    | 12.570 | 12.553 | 12.589 | HH | 7128   | 136054  | 2.91%  | 0.152% |
| 201    | 12.624 | 12.589 | 12.641 | HH | 6574   | 189716  | 4.05%  | 0.212% |
| 202    | 12.653 | 12.641 | 12.666 | HH | 6605   | 95909   | 2.05%  | 0.107% |
| 203    | 12.679 | 12.666 | 12.703 | HH | 6642   | 139473  | 2.98%  | 0.156% |
| 204    | 12.730 | 12.703 | 12.754 | HH | 23578  | 393764  | 8.41%  | 0.440% |
| 205    | 12.773 | 12.754 | 12.809 | HH | 12831  | 323316  | 6.90%  | 0.361% |
| 206    | 12.825 | 12.809 | 12.857 | HH | 8553   | 224611  | 4.80%  | 0.251% |
| 207    | 12.877 | 12.857 | 12.893 | HH | 7085   | 146001  | 3.12%  | 0.163% |
| 208    | 12.920 | 12.893 | 12.937 | HH | 8076   | 199984  | 4.27%  | 0.223% |
| 209    | 12.943 | 12.937 | 12.963 | HH | 7434   | 109738  | 2.34%  | 0.123% |
| 210    | 13.005 | 12.963 | 13.052 | HH | 12123  | 493730  | 10.54% | 0.552% |
| 211    | 13.068 | 13.052 | 13.097 | HH | 9389   | 232439  | 4.96%  | 0.260% |
| 212    | 13.102 | 13.097 | 13.115 | HH | 7957   | 84221   | 1.80%  | 0.094% |
| 213    | 13.132 | 13.115 | 13.144 | HH | 8769   | 146238  | 3.12%  | 0.163% |
| 214    | 13.159 | 13.144 | 13.173 | HH | 8563   | 143806  | 3.07%  | 0.161% |
| 215    | 13.195 | 13.173 | 13.217 | HH | 10036  | 240664  | 5.14%  | 0.269% |
| 216    | 13.237 | 13.217 | 13.272 | HH | 12871  | 331907  | 7.09%  | 0.371% |
| 217    | 13.322 | 13.272 | 13.349 | HH | 12581  | 456322  | 9.74%  | 0.510% |
| 218    | 13.371 | 13.349 | 13.379 | HH | 9240   | 162821  | 3.48%  | 0.182% |
| 219    | 13.395 | 13.379 | 13.409 | HH | 9518   | 166656  | 3.56%  | 0.186% |
| 220    | 13.432 | 13.409 | 13.452 | HH | 12116  | 275015  | 5.87%  | 0.307% |
| 221    | 13.469 | 13.452 | 13.486 | HH | 11082  | 211033  | 4.51%  | 0.236% |
| 222    | 13.506 | 13.486 | 13.522 | HH | 10811  | 223891  | 4.78%  | 0.250% |
| 223    | 13.544 | 13.522 | 13.559 | HH | 12379  | 247131  | 5.28%  | 0.276% |
| 224    | 13.591 | 13.559 | 13.624 | HH | 159641 | 2322379 | 49.59% | 2.595% |
| 225    | 13.637 | 13.624 | 13.663 | HH | 12076  | 259397  | 5.54%  | 0.290% |
| 226    | 13.701 | 13.663 | 13.749 | HH | 11447  | 561806  | 12.00% | 0.628% |
| 227    | 13.757 | 13.749 | 13.765 | HH | 11010  | 103850  | 2.22%  | 0.116% |
| 228    | 13.786 | 13.765 | 13.796 | HH | 11423  | 208623  | 4.45%  | 0.233% |
| 229    | 13.820 | 13.796 | 13.838 | HH | 11775  | 290892  | 6.21%  | 0.325% |
| 230    | 13.865 | 13.838 | 13.894 | HH | 11953  | 397673  | 8.49%  | 0.444% |
| 231    | 13.904 | 13.894 | 13.911 | HH | 11667  | 115743  | 2.47%  | 0.129% |
| 232    | 13.963 | 13.911 | 13.971 | HH | 15882  | 479488  | 10.24% | 0.536% |
| 233    | 13.981 | 13.971 | 14.001 | HH | 16826  | 295592  | 6.31%  | 0.330% |
| 234    | 14.018 | 14.001 | 14.034 | HH | 15377  | 288733  | 6.17%  | 0.323% |
| 235    | 14.053 | 14.034 | 14.074 | HH | 15675  | 358007  | 7.64%  | 0.400% |
| 236    | 14.085 | 14.074 | 14.116 | HH | 14857  | 350801  | 7.49%  | 0.392% |
| 237    | 14.153 | 14.116 | 14.181 | HH | 21374  | 654884  | 13.98% | 0.732% |
| 238    | 14.203 | 14.181 | 14.217 | HH | 17397  | 355417  | 7.59%  | 0.397% |
| 239    | 14.239 | 14.217 | 14.272 | HH | 17905  | 550128  | 11.75% | 0.615% |
| 240    | 14.295 | 14.272 | 14.320 | HH | 18713  | 481112  | 10.27% | 0.537% |
| 241    | 14.367 | 14.320 | 14.386 | HH | 17897  | 636744  | 13.60% | 0.711% |
| 242    | 14.392 | 14.386 | 14.406 | HH | 16852  | 200709  | 4.29%  | 0.224% |
| 243    | 14.419 | 14.406 | 14.454 | HH | 17092  | 487883  | 10.42% | 0.545% |
| 244    | 14.490 | 14.454 | 14.523 | HH | 130452 | 2275737 | 48.60% | 2.542% |
| 245    | 14.550 | 14.523 | 14.572 | HH | 18527  | 541251  | 11.56% | 0.605% |
| 246    | 14.607 | 14.572 | 14.627 | HH | 26989  | 705139  | 15.06% | 0.788% |

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| rteres                  |        |        |        |     |        |         |          |        |
|-------------------------|--------|--------|--------|-----|--------|---------|----------|--------|
| 247                     | 14.648 | 14.627 | 14.664 | HH  | 29766  | 565371  | 12.07%   | 0.632% |
| 248                     | 14.693 | 14.664 | 14.725 | HH  | 159894 | 2529118 | 54.01%   | 2.826% |
| 249                     | 14.740 | 14.725 | 14.748 | HH  | 20521  | 278862  | 5.95%    | 0.312% |
| 250                     | 14.782 | 14.748 | 14.800 | HH  | 22214  | 664340  | 14.19%   | 0.742% |
| 251                     | 14.805 | 14.800 | 14.822 | HH  | 21027  | 273109  | 5.83%    | 0.305% |
| 252                     | 14.846 | 14.822 | 14.874 | HH  | 21582  | 644198  | 13.76%   | 0.720% |
| 253                     | 14.879 | 14.874 | 14.886 | HH  | 19998  | 140271  | 3.00%    | 0.157% |
| 254                     | 14.920 | 14.886 | 14.956 | HH  | 22274  | 887554  | 18.95%   | 0.992% |
| 255                     | 15.001 | 14.956 | 15.008 | HH  | 22036  | 672292  | 14.36%   | 0.751% |
| 256                     | 15.070 | 15.008 | 15.154 | HH  | 68814  | 2757168 | 58.88%   | 3.080% |
| 257                     | 15.210 | 15.154 | 15.247 | HH  | 30866  | 1417594 | 30.27%   | 1.584% |
| 258                     | 15.277 | 15.247 | 15.303 | HH  | 28291  | 880885  | 18.81%   | 0.984% |
| 259                     | 15.321 | 15.303 | 15.357 | HH  | 27016  | 840929  | 17.96%   | 0.939% |
| 260                     | 15.448 | 15.357 | 15.489 | HH  | 28917  | 2114932 | 45.16%   | 2.363% |
| 261                     | 15.529 | 15.489 | 15.538 | HH  | 28195  | 796301  | 17.00%   | 0.890% |
| 262                     | 15.545 | 15.538 | 15.547 | HH  | 28024  | 161257  | 3.44%    | 0.180% |
| 263                     | 15.587 | 15.547 | 15.630 | HH  | 31956  | 1482671 | 31.66%   | 1.656% |
| 264                     | 15.654 | 15.630 | 15.668 | HH  | 30210  | 681012  | 14.54%   | 0.761% |
| 265                     | 15.712 | 15.668 | 15.747 | HH  | 171809 | 3353173 | 71.60%   | 3.746% |
| 266                     | 15.778 | 15.747 | 15.806 | HH  | 32796  | 1135288 | 24.24%   | 1.268% |
| 267                     | 15.814 | 15.806 | 15.824 | HH  | 31931  | 335032  | 7.15%    | 0.374% |
| 268                     | 15.829 | 15.824 | 15.834 | HH  | 31634  | 188837  | 4.03%    | 0.211% |
| 269                     | 15.842 | 15.834 | 15.847 | HH  | 31482  | 251580  | 5.37%    | 0.281% |
| 270                     | 15.884 | 15.847 | 15.909 | HH  | 35463  | 1245897 | 26.61%   | 1.392% |
| 271                     | 15.916 | 15.909 | 15.926 | HH  | 34581  | 358067  | 7.65%    | 0.400% |
| 272                     | 15.954 | 15.926 | 15.958 | HH  | 35419  | 664613  | 14.19%   | 0.743% |
| 273                     | 15.998 | 15.958 | 16.005 | HH  | 37666  | 1021505 | 21.81%   | 1.141% |
| 274                     | 16.009 | 16.005 | 16.015 | HH  | 37393  | 216768  | 4.63%    | 0.242% |
| 275                     | 16.024 | 16.015 | 16.034 | HH  | 37294  | 427798  | 9.14%    | 0.478% |
| 276                     | 16.040 | 16.034 | 16.049 | HH  | 37471  | 338323  | 7.22%    | 0.378% |
| 277                     | 16.083 | 16.049 | 16.127 | HH  | 77087  | 2420202 | 51.68%   | 2.704% |
| 278                     | 16.164 | 16.127 | 16.177 | HH  | 53131  | 1344418 | 28.71%   | 1.502% |
| 279                     | 16.194 | 16.177 | 16.235 | HH  | 57087  | 1633567 | 34.88%   | 1.825% |
| 280                     | 16.299 | 16.235 | 16.325 | HH  | 45365  | 2344794 | 50.07%   | 2.620% |
| 281                     | 16.331 | 16.325 | 16.334 | HH  | 44482  | 235223  | 5.02%    | 0.263% |
| 282                     | 16.349 | 16.334 | 16.362 | HH  | 44734  | 727524  | 15.54%   | 0.813% |
| 283                     | 16.384 | 16.362 | 16.402 | HH  | 45116  | 1085756 | 23.19%   | 1.213% |
| 284                     | 16.406 | 16.402 | 16.409 | HH  | 44702  | 179589  | 3.83%    | 0.201% |
| 285                     | 16.413 | 16.409 | 16.423 | HH  | 44728  | 367737  | 7.85%    | 0.411% |
| 286                     | 16.483 | 16.423 | 16.511 | HH  | 55369  | 2572887 | 54.94%   | 2.874% |
| 287                     | 16.542 | 16.511 | 16.601 | HH  | 56865  | 2752749 | 58.78%   | 3.075% |
| 288                     | 16.662 | 16.601 | 16.690 | HH  | 192562 | 4682930 | 100.00%  | 5.232% |
| 289                     | 16.705 | 16.690 | 16.721 | HHA | 60303  | 1099890 | 23.49%   | 1.229% |
| Sum of corrected areas: |        |        |        |     |        |         | 89510058 |        |

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