

Instrument :  
FID\_E  
ClientSampleId :

rtres  
Area Percent Report

Data Path : P:\HPCHEM1\FID\_E\Data\FE040918\  
Data File : FE026578.D  
Signal(s) : FID1B.CH  
Acq On : 09 Apr 2018 20:08  
Sample : J2155-05  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Manual Integrations  
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Integration File: Sample.e

Method : P:\HPCHEM1\FID\_E\methods\FE040918.M  
Title :

Signal : FID1B.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         | 4.968       | 4.925        | 5.002      | BH       | 1012           | 13653        | 0.04%          | 0.007%        |
| 2         | 5.061       | 5.002        | 5.102      | HH       | 688            | 24198        | 0.07%          | 0.013%        |
| 3         | 5.120       | 5.102        | 5.162      | HH       | 1224           | 18132        | 0.06%          | 0.010%        |
| 4         | 5.170       | 5.162        | 5.178      | HH       | 388            | 2984         | 0.01%          | 0.002%        |
| 5         | 5.214       | 5.178        | 5.242      | HH       | 631            | 17119        | 0.05%          | 0.009%        |
| 6         | 5.279       | 5.242        | 5.290      | HH       | 499            | 10198        | 0.03%          | 0.005%        |
| 7         | 5.315       | 5.290        | 5.354      | HH       | 1046           | 24738        | 0.08%          | 0.013%        |
| 8         | 5.369       | 5.354        | 5.388      | HH       | 692            | 11863        | 0.04%          | 0.006%        |
| 9         | 5.407       | 5.388        | 5.429      | HH       | 870            | 15844        | 0.05%          | 0.008%        |
| 10        | 5.442       | 5.429        | 5.466      | HH       | 769            | 13031        | 0.04%          | 0.007%        |
| 11        | 5.482       | 5.466        | 5.498      | HH       | 836            | 12180        | 0.04%          | 0.006%        |
| 12        | 5.506       | 5.498        | 5.516      | HH       | 737            | 7188         | 0.02%          | 0.004%        |
| 13        | 5.527       | 5.516        | 5.548      | HH       | 904            | 12863        | 0.04%          | 0.007%        |
| 14        | 5.574       | 5.548        | 5.601      | HH       | 1846           | 35349        | 0.11%          | 0.019%        |
| 15        | 5.615       | 5.601        | 5.627      | HH       | 981            | 13305        | 0.04%          | 0.007%        |
| 16        | 5.657       | 5.627        | 5.681      | HH       | 1667           | 38002        | 0.12%          | 0.020%        |
| 17        | 5.724       | 5.681        | 5.745      | HH       | 1758           | 46469        | 0.14%          | 0.025%        |
| 18        | 5.753       | 5.745        | 5.812      | HH       | 1534           | 41251        | 0.13%          | 0.022%        |
| 19        | 5.840       | 5.812        | 5.888      | HH       | 3563           | 72273        | 0.22%          | 0.038%        |
| 20        | 5.909       | 5.888        | 5.943      | HH       | 1974           | 52475        | 0.16%          | 0.028%        |
| 21        | 5.987       | 5.943        | 6.002      | HH       | 1551           | 45574        | 0.14%          | 0.024%        |
| 22        | 6.019       | 6.002        | 6.059      | HH       | 5191           | 86757        | 0.27%          | 0.046%        |
| 23        | 6.078       | 6.059        | 6.108      | HH       | 3511           | 61864        | 0.19%          | 0.033%        |
| 24        | 6.122       | 6.108        | 6.152      | HH       | 1444           | 35030        | 0.11%          | 0.018%        |
| 25        | 6.175       | 6.152        | 6.186      | HH       | 1676           | 31243        | 0.10%          | 0.016%        |
| 26        | 6.212       | 6.186        | 6.221      | HH       | 1831           | 35080        | 0.11%          | 0.019%        |
| 27        | 6.241       | 6.221        | 6.290      | HH       | 3648           | 91395        | 0.28%          | 0.048%        |
| 28        | 6.337       | 6.290        | 6.353      | HH       | 4968           | 109541       | 0.34%          | 0.058%        |
| 29        | 6.368       | 6.353        | 6.396      | HH       | 3937           | 78678        | 0.24%          | 0.042%        |
| 30        | 6.408       | 6.396        | 6.418      | HH       | 3040           | 33085        | 0.10%          | 0.017%        |
| 31        | 6.432       | 6.418        | 6.478      | HH       | 4045           | 108971       | 0.34%          | 0.058%        |
| 32        | 6.497       | 6.478        | 6.522      | HH       | 3035           | 64073        | 0.20%          | 0.034%        |
| 33        | 6.552       | 6.522        | 6.566      | HH       | 3648           | 78651        | 0.24%          | 0.042%        |
| 34        | 6.585       | 6.566        | 6.599      | HH       | 3389           | 61426        | 0.19%          | 0.032%        |
| 35        | 6.620       | 6.599        | 6.638      | HH       | 4687           | 84522        | 0.26%          | 0.045%        |
| 36        | 6.666       | 6.638        | 6.690      | HH       | 4440           | 106367       | 0.33%          | 0.056%        |

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|    |       |       |       |    | rt     | Area    | Area% | Height |
|----|-------|-------|-------|----|--------|---------|-------|--------|
| 37 | 6.709 | 6.690 | 6.721 | HH | 7824   | 100043  | 0.31% | 0.053% |
| 38 | 6.731 | 6.721 | 6.759 | HH | 6103   | 100671  | 0.31% | 0.053% |
| 39 | 6.794 | 6.759 | 6.808 | HH | 3962   | 105740  | 0.33% | 0.056% |
| 40 | 6.821 | 6.808 | 6.836 | HH | 4468   | 62969   | 0.20% | 0.033% |
| 41 | 6.860 | 6.836 | 6.888 | HH | 4995   | 128874  | 0.40% | 0.068% |
| 42 | 6.902 | 6.888 | 6.923 | HH | 4328   | 79447   | 0.25% | 0.042% |
| 43 | 6.954 | 6.923 | 6.964 | HH | 4232   | 87658   | 0.27% | 0.046% |
| 44 | 6.980 | 6.964 | 6.993 | HH | 6936   | 90462   | 0.28% | 0.048% |
| 45 | 7.010 | 6.993 | 7.035 | HH | 17259  | 208523  | 0.65% | 0.110% |
| 46 | 7.055 | 7.035 | 7.096 | HH | 5044   | 148515  | 0.46% | 0.078% |
| 47 | 7.135 | 7.096 | 7.143 | HH | 4490   | 116722  | 0.36% | 0.062% |
| 48 | 7.162 | 7.143 | 7.199 | HH | 8316   | 175228  | 0.54% | 0.092% |
| 49 | 7.230 | 7.199 | 7.266 | HH | 7072   | 190956  | 0.59% | 0.101% |
| 50 | 7.320 | 7.266 | 7.335 | HH | 6834   | 213406  | 0.66% | 0.113% |
| 51 | 7.368 | 7.335 | 7.399 | HH | 6483   | 208346  | 0.65% | 0.110% |
| 52 | 7.447 | 7.399 | 7.465 | HH | 15987  | 285957  | 0.89% | 0.151% |
| 53 | 7.478 | 7.465 | 7.490 | HH | 5497   | 75910   | 0.24% | 0.040% |
| 54 | 7.511 | 7.490 | 7.544 | HH | 7071   | 194597  | 0.60% | 0.103% |
| 55 | 7.573 | 7.544 | 7.585 | HH | 7236   | 156354  | 0.48% | 0.083% |
| 56 | 7.616 | 7.585 | 7.635 | HH | 9506   | 216821  | 0.67% | 0.114% |
| 57 | 7.644 | 7.635 | 7.658 | HH | 6266   | 79295   | 0.25% | 0.042% |
| 58 | 7.679 | 7.658 | 7.700 | HH | 18857  | 258617  | 0.80% | 0.136% |
| 59 | 7.718 | 7.700 | 7.733 | HH | 9399   | 136357  | 0.42% | 0.072% |
| 60 | 7.747 | 7.733 | 7.757 | HH | 7669   | 98420   | 0.30% | 0.052% |
| 61 | 7.768 | 7.757 | 7.798 | HH | 7218   | 156116  | 0.48% | 0.082% |
| 62 | 7.817 | 7.798 | 7.865 | HH | 8272   | 269783  | 0.84% | 0.142% |
| 63 | 7.888 | 7.865 | 7.910 | HH | 6315   | 167533  | 0.52% | 0.088% |
| 64 | 7.943 | 7.910 | 7.998 | HH | 32993  | 681060  | 2.11% | 0.359% |
| 65 | 8.013 | 7.998 | 8.025 | HH | 9423   | 128433  | 0.40% | 0.068% |
| 66 | 8.035 | 8.025 | 8.048 | HH | 8709   | 111206  | 0.34% | 0.059% |
| 67 | 8.062 | 8.048 | 8.091 | HH | 8054   | 183495  | 0.57% | 0.097% |
| 68 | 8.118 | 8.091 | 8.134 | HH | 8686   | 190328  | 0.59% | 0.100% |
| 69 | 8.150 | 8.134 | 8.162 | HH | 10388  | 149710  | 0.46% | 0.079% |
| 70 | 8.172 | 8.162 | 8.231 | HH | 10116  | 325664  | 1.01% | 0.172% |
| 71 | 8.252 | 8.231 | 8.266 | HH | 8657   | 154249  | 0.48% | 0.081% |
| 72 | 8.291 | 8.266 | 8.313 | HH | 12541  | 275016  | 0.85% | 0.145% |
| 73 | 8.325 | 8.313 | 8.337 | HH | 9476   | 127514  | 0.40% | 0.067% |
| 74 | 8.373 | 8.337 | 8.386 | HH | 9869   | 261135  | 0.81% | 0.138% |
| 75 | 8.402 | 8.386 | 8.414 | HH | 12096  | 181007  | 0.56% | 0.096% |
| 76 | 8.426 | 8.414 | 8.445 | HH | 11819  | 186719  | 0.58% | 0.099% |
| 77 | 8.470 | 8.445 | 8.499 | HH | 12042  | 313055  | 0.97% | 0.165% |
| 78 | 8.514 | 8.499 | 8.547 | HH | 13057  | 277349  | 0.86% | 0.146% |
| 79 | 8.584 | 8.547 | 8.599 | HH | 14063  | 348681  | 1.08% | 0.184% |
| 80 | 8.610 | 8.599 | 8.625 | HH | 12393  | 165091  | 0.51% | 0.087% |
| 81 | 8.643 | 8.625 | 8.672 | HH | 16166  | 316568  | 0.98% | 0.167% |
| 82 | 8.688 | 8.672 | 8.707 | HH | 9941   | 202057  | 0.63% | 0.107% |
| 83 | 8.757 | 8.707 | 8.772 | HH | 18329  | 450679  | 1.40% | 0.238% |
| 84 | 8.787 | 8.772 | 8.799 | HH | 13797  | 194392  | 0.60% | 0.103% |
| 85 | 8.820 | 8.799 | 8.854 | HH | 59009  | 819828  | 2.54% | 0.433% |
| 86 | 8.900 | 8.854 | 8.945 | HH | 130958 | 1687433 | 5.23% | 0.891% |
| 87 | 8.963 | 8.945 | 8.996 | HH | 14120  | 374449  | 1.16% | 0.198% |
| 88 | 9.018 | 8.996 | 9.030 | HH | 13895  | 239140  | 0.74% | 0.126% |
| 89 | 9.040 | 9.030 | 9.054 | HH | 12554  | 167766  | 0.52% | 0.089% |

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|--------|--------|--------|--------|----|--------|---------|-------|--------|
| 90     | 9.076  | 9.054  | 9.100  | HH | 14410  | 334511  | 1.04% | 0.177% |
| 91     | 9.117  | 9.100  | 9.136  | HH | 11102  | 234300  | 0.73% | 0.124% |
| 92     | 9.165  | 9.136  | 9.182  | HH | 10972  | 288249  | 0.89% | 0.152% |
| 93     | 9.209  | 9.182  | 9.220  | HH | 13635  | 281200  | 0.87% | 0.148% |
| 94     | 9.245  | 9.220  | 9.256  | HH | 15151  | 311300  | 0.96% | 0.164% |
| 95     | 9.269  | 9.256  | 9.286  | HH | 16734  | 261075  | 0.81% | 0.138% |
| 96     | 9.313  | 9.286  | 9.345  | HH | 17613  | 507335  | 1.57% | 0.268% |
| 97     | 9.362  | 9.345  | 9.388  | HH | 34357  | 540962  | 1.68% | 0.286% |
| 98     | 9.415  | 9.388  | 9.440  | HH | 19408  | 428286  | 1.33% | 0.226% |
| 99     | 9.479  | 9.440  | 9.491  | HH | 13715  | 380153  | 1.18% | 0.201% |
| 100    | 9.511  | 9.491  | 9.531  | HH | 16274  | 340745  | 1.06% | 0.180% |
| 101    | 9.549  | 9.531  | 9.575  | HH | 13969  | 344584  | 1.07% | 0.182% |
| 102    | 9.610  | 9.575  | 9.621  | HH | 14999  | 374680  | 1.16% | 0.198% |
| 103    | 9.649  | 9.621  | 9.706  | HH | 99948  | 1513988 | 4.69% | 0.799% |
| 104    | 9.732  | 9.706  | 9.761  | HH | 17404  | 510262  | 1.58% | 0.269% |
| 105    | 9.779  | 9.761  | 9.800  | HH | 14344  | 319789  | 0.99% | 0.169% |
| 106    | 9.837  | 9.800  | 9.859  | HH | 16311  | 507762  | 1.57% | 0.268% |
| 107    | 9.890  | 9.859  | 9.902  | HH | 15197  | 365332  | 1.13% | 0.193% |
| 108    | 9.913  | 9.902  | 9.919  | HH | 14577  | 145504  | 0.45% | 0.077% |
| 109    | 9.936  | 9.919  | 9.964  | HH | 19488  | 442040  | 1.37% | 0.233% |
| 110    | 9.974  | 9.964  | 9.995  | HH | 14531  | 263137  | 0.82% | 0.139% |
| 111    | 10.041 | 9.995  | 10.058 | HH | 27058  | 721130  | 2.23% | 0.381% |
| 112    | 10.071 | 10.058 | 10.085 | HH | 20092  | 281590  | 0.87% | 0.149% |
| 113    | 10.114 | 10.085 | 10.136 | HH | 22993  | 572025  | 1.77% | 0.302% |
| 114    | 10.157 | 10.136 | 10.180 | HH | 27756  | 530467  | 1.64% | 0.280% |
| 115    | 10.192 | 10.180 | 10.201 | HH | 19058  | 221248  | 0.69% | 0.117% |
| 116    | 10.214 | 10.201 | 10.242 | HH | 23077  | 441736  | 1.37% | 0.233% |
| 117    | 10.257 | 10.242 | 10.267 | HH | 15475  | 226818  | 0.70% | 0.120% |
| 118    | 10.284 | 10.267 | 10.324 | HH | 17748  | 527177  | 1.63% | 0.278% |
| 119    | 10.376 | 10.324 | 10.407 | HH | 19321  | 852163  | 2.64% | 0.450% |
| 120    | 10.434 | 10.407 | 10.458 | HH | 111663 | 1399095 | 4.33% | 0.738% |
| 121    | 10.509 | 10.458 | 10.528 | HH | 18745  | 728408  | 2.26% | 0.384% |
| 122    | 10.538 | 10.528 | 10.598 | HH | 17906  | 677488  | 2.10% | 0.358% |
| 123    | 10.615 | 10.598 | 10.629 | HH | 16391  | 289674  | 0.90% | 0.153% |
| 124    | 10.648 | 10.629 | 10.679 | HH | 17138  | 488658  | 1.51% | 0.258% |
| 125    | 10.714 | 10.679 | 10.752 | HH | 17013  | 679993  | 2.11% | 0.359% |
| 126    | 10.783 | 10.752 | 10.797 | HH | 24149  | 520605  | 1.61% | 0.275% |
| 127    | 10.830 | 10.797 | 10.855 | HH | 41069  | 911937  | 2.82% | 0.481% |
| 128    | 10.876 | 10.855 | 10.898 | HH | 22910  | 503547  | 1.56% | 0.266% |
| 129    | 10.916 | 10.898 | 10.955 | HH | 27155  | 686278  | 2.13% | 0.362% |
| 130    | 10.971 | 10.955 | 10.986 | HH | 24293  | 385468  | 1.19% | 0.203% |
| 131    | 10.997 | 10.986 | 11.019 | HH | 19688  | 357000  | 1.11% | 0.188% |
| 132    | 11.027 | 11.019 | 11.055 | HH | 16685  | 350237  | 1.08% | 0.185% |
| 133    | 11.078 | 11.055 | 11.089 | HH | 19608  | 372881  | 1.16% | 0.197% |
| 134    | 11.104 | 11.089 | 11.118 | HH | 20035  | 331886  | 1.03% | 0.175% |
| 135    | 11.132 | 11.118 | 11.152 | HH | 20659  | 399659  | 1.24% | 0.211% |
| 136    | 11.178 | 11.152 | 11.205 | HH | 99348  | 1333877 | 4.13% | 0.704% |
| 137    | 11.253 | 11.205 | 11.275 | HH | 38154  | 1048842 | 3.25% | 0.554% |
| 138    | 11.284 | 11.275 | 11.333 | HH | 20133  | 667954  | 2.07% | 0.353% |
| 139    | 11.350 | 11.333 | 11.370 | HH | 19626  | 397748  | 1.23% | 0.210% |
| 140    | 11.389 | 11.370 | 11.412 | HH | 18037  | 431109  | 1.34% | 0.228% |
| 141    | 11.440 | 11.412 | 11.455 | HH | 18576  | 440927  | 1.37% | 0.233% |

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|--------|--------|--------|--------|----|---------|----------|---------|---------|--|
| 142    | 11.493 | 11.455 | 11.539 | HH | 29020   | 1067496  | 3.31%   | 0.563%  |  |
| 143    | 11.578 | 11.539 | 11.622 | HH | 25421   | 1045605  | 3.24%   | 0.552%  |  |
| 144    | 11.637 | 11.622 | 11.665 | HH | 22968   | 496992   | 1.54%   | 0.262%  |  |
| 145    | 11.690 | 11.665 | 11.712 | HH | 22238   | 521657   | 1.62%   | 0.275%  |  |
| 146    | 11.738 | 11.712 | 11.759 | HH | 18262   | 494287   | 1.53%   | 0.261%  |  |
| 147    | 11.792 | 11.759 | 11.810 | HH | 18069   | 538123   | 1.67%   | 0.284%  |  |
| 148    | 11.826 | 11.810 | 11.836 | HH | 17859   | 280427   | 0.87%   | 0.148%  |  |
| 149    | 11.886 | 11.836 | 11.908 | HH | 68149   | 1270342  | 3.94%   | 0.670%  |  |
| 150    | 11.934 | 11.908 | 11.948 | HH | 19594   | 440404   | 1.36%   | 0.232%  |  |
| 151    | 11.980 | 11.948 | 12.006 | HH | 29160   | 764855   | 2.37%   | 0.404%  |  |
| 152    | 12.018 | 12.006 | 12.034 | HH | 17732   | 289105   | 0.90%   | 0.153%  |  |
| 153    | 12.049 | 12.034 | 12.068 | HH | 17640   | 353008   | 1.09%   | 0.186%  |  |
| 154    | 12.087 | 12.068 | 12.114 | HH | 18136   | 467587   | 1.45%   | 0.247%  |  |
| 155    | 12.137 | 12.114 | 12.159 | HH | 18095   | 469882   | 1.46%   | 0.248%  |  |
| 156    | 12.182 | 12.159 | 12.229 | HH | 20765   | 774293   | 2.40%   | 0.409%  |  |
| 157    | 12.244 | 12.229 | 12.266 | HH | 18729   | 398074   | 1.23%   | 0.210%  |  |
| 158    | 12.295 | 12.266 | 12.312 | HH | 21536   | 549460   | 1.70%   | 0.290%  |  |
| 159    | 12.326 | 12.312 | 12.355 | HH | 21670   | 491757   | 1.52%   | 0.260%  |  |
| 160    | 12.375 | 12.355 | 12.406 | HH | 19699   | 558335   | 1.73%   | 0.295%  |  |
| 161    | 12.424 | 12.406 | 12.434 | HH | 19767   | 309193   | 0.96%   | 0.163%  |  |
| 162    | 12.453 | 12.434 | 12.471 | HH | 25718   | 480060   | 1.49%   | 0.253%  |  |
| 163    | 12.482 | 12.471 | 12.502 | HH | 19359   | 336997   | 1.04%   | 0.178%  |  |
| 164    | 12.516 | 12.502 | 12.524 | HH | 17700   | 225910   | 0.70%   | 0.119%  |  |
| 165    | 12.561 | 12.524 | 12.585 | HH | 45430   | 949693   | 2.94%   | 0.501%  |  |
| 166    | 12.621 | 12.585 | 12.645 | HH | 649448  | 6952150  | 21.54%  | 3.669%  |  |
| 167    | 12.657 | 12.645 | 12.691 | HH | 19099   | 499998   | 1.55%   | 0.264%  |  |
| 168    | 12.702 | 12.691 | 12.740 | HH | 17274   | 483929   | 1.50%   | 0.255%  |  |
| 169    | 12.768 | 12.740 | 12.781 | HH | 17484   | 421752   | 1.31%   | 0.223%  |  |
| 170    | 12.809 | 12.781 | 12.819 | HH | 17246   | 383197   | 1.19%   | 0.202%  |  |
| 171    | 12.838 | 12.819 | 12.884 | HH | 18595   | 687827   | 2.13%   | 0.363%  |  |
| 172    | 12.900 | 12.884 | 12.912 | HH | 17734   | 288136   | 0.89%   | 0.152%  |  |
| 173    | 12.932 | 12.912 | 12.954 | HH | 19364   | 462005   | 1.43%   | 0.244%  |  |
| 174    | 12.979 | 12.954 | 13.014 | HH | 19066   | 640630   | 1.98%   | 0.338%  |  |
| 175    | 13.029 | 13.014 | 13.045 | HH | 18541   | 334668   | 1.04%   | 0.177%  |  |
| 176    | 13.087 | 13.045 | 13.110 | HH | 24149   | 767261   | 2.38%   | 0.405%  |  |
| 177    | 13.119 | 13.110 | 13.142 | HH | 17522   | 328916   | 1.02%   | 0.174%  |  |
| 178    | 13.162 | 13.142 | 13.182 | HH | 17844   | 418474   | 1.30%   | 0.221%  |  |
| 179    | 13.205 | 13.182 | 13.228 | HH | 41195   | 727698   | 2.25%   | 0.384%  |  |
| 180    | 13.258 | 13.228 | 13.292 | HH | 24000   | 741641   | 2.30%   | 0.391%  |  |
| 181    | 13.331 | 13.292 | 13.384 | HH | 41976   | 1197712  | 3.71%   | 0.632%  |  |
| 182    | 13.396 | 13.384 | 13.411 | HH | 16657   | 267139   | 0.83%   | 0.141%  |  |
| 183    | 13.472 | 13.411 | 13.489 | HH | 19316   | 829258   | 2.57%   | 0.438%  |  |
| 184    | 13.498 | 13.489 | 13.507 | HH | 18249   | 195959   | 0.61%   | 0.103%  |  |
| 185    | 13.527 | 13.507 | 13.553 | HH | 27704   | 592529   | 1.84%   | 0.313%  |  |
| 186    | 13.578 | 13.553 | 13.600 | HH | 21989   | 535294   | 1.66%   | 0.283%  |  |
| 187    | 13.674 | 13.600 | 13.700 | HH | 1840219 | 32281960 | 100.00% | 17.038% |  |
| 188    | 13.724 | 13.700 | 13.788 | HH | 1253962 | 16473488 | 51.03%  | 8.695%  |  |
| 189    | 13.824 | 13.788 | 13.852 | HH | 33979   | 899643   | 2.79%   | 0.475%  |  |
| 190    | 13.881 | 13.852 | 13.905 | HH | 279259  | 3141257  | 9.73%   | 1.658%  |  |
| 191    | 13.922 | 13.905 | 13.931 | HH | 26065   | 378757   | 1.17%   | 0.200%  |  |
| 192    | 13.941 | 13.931 | 13.956 | HH | 27315   | 375389   | 1.16%   | 0.198%  |  |
| 193    | 13.970 | 13.956 | 14.009 | HH | 23844   | 671022   | 2.08%   | 0.354%  |  |
| 194    | 14.023 | 14.009 | 14.036 | HH | 22054   | 335773   | 1.04%   | 0.177%  |  |

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| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 195    | 14.055 | 14.036 | 14.074 | HH | 25396  | 510853  | 1.58%  | 0.270% |
| 196    | 14.105 | 14.074 | 14.122 | HH | 22332  | 606272  | 1.88%  | 0.320% |
| 197    | 14.135 | 14.122 | 14.146 | HH | 20807  | 293778  | 0.91%  | 0.155% |
| 198    | 14.174 | 14.146 | 14.198 | HH | 55427  | 1006877 | 3.12%  | 0.531% |
| 199    | 14.231 | 14.198 | 14.277 | HH | 22648  | 991878  | 3.07%  | 0.524% |
| 200    | 14.316 | 14.277 | 14.348 | HH | 27036  | 942684  | 2.92%  | 0.498% |
| 201    | 14.361 | 14.348 | 14.374 | HH | 21326  | 321954  | 1.00%  | 0.170% |
| 202    | 14.386 | 14.374 | 14.392 | HH | 20953  | 208837  | 0.65%  | 0.110% |
| 203    | 14.412 | 14.392 | 14.434 | HH | 32748  | 662768  | 2.05%  | 0.350% |
| 204    | 14.449 | 14.434 | 14.498 | HH | 25368  | 854990  | 2.65%  | 0.451% |
| 205    | 14.517 | 14.498 | 14.568 | HH | 25563  | 962029  | 2.98%  | 0.508% |
| 206    | 14.588 | 14.568 | 14.603 | HH | 20763  | 422023  | 1.31%  | 0.223% |
| 207    | 14.634 | 14.603 | 14.655 | HH | 22798  | 663709  | 2.06%  | 0.350% |
| 208    | 14.687 | 14.655 | 14.707 | HH | 77548  | 1271171 | 3.94%  | 0.671% |
| 209    | 14.721 | 14.707 | 14.755 | HH | 36884  | 837232  | 2.59%  | 0.442% |
| 210    | 14.773 | 14.755 | 14.795 | HH | 28820  | 612202  | 1.90%  | 0.323% |
| 211    | 14.828 | 14.795 | 14.847 | HH | 40017  | 902018  | 2.79%  | 0.476% |
| 212    | 14.874 | 14.847 | 14.893 | HH | 49283  | 964916  | 2.99%  | 0.509% |
| 213    | 14.914 | 14.893 | 14.955 | HH | 38841  | 1228424 | 3.81%  | 0.648% |
| 214    | 14.977 | 14.955 | 14.989 | HH | 37594  | 673053  | 2.08%  | 0.355% |
| 215    | 15.001 | 14.989 | 15.015 | HH | 37081  | 566938  | 1.76%  | 0.299% |
| 216    | 15.035 | 15.015 | 15.083 | HH | 58155  | 1519935 | 4.71%  | 0.802% |
| 217    | 15.102 | 15.083 | 15.124 | HH | 32353  | 681817  | 2.11%  | 0.360% |
| 218    | 15.153 | 15.124 | 15.172 | HH | 31636  | 758466  | 2.35%  | 0.400% |
| 219    | 15.209 | 15.172 | 15.254 | HH | 29300  | 1256901 | 3.89%  | 0.663% |
| 220    | 15.270 | 15.254 | 15.287 | HH | 25161  | 482418  | 1.49%  | 0.255% |
| 221    | 15.321 | 15.287 | 15.350 | HH | 420908 | 5471485 | 16.95% | 2.888% |
| 222    | 15.360 | 15.350 | 15.397 | HH | 24458  | 666380  | 2.06%  | 0.352% |
| 223    | 15.414 | 15.397 | 15.434 | HH | 23005  | 506595  | 1.57%  | 0.267% |
| 224    | 15.455 | 15.434 | 15.470 | HH | 25269  | 510193  | 1.58%  | 0.269% |
| 225    | 15.524 | 15.470 | 15.550 | HH | 42865  | 1438415 | 4.46%  | 0.759% |
| 226    | 15.572 | 15.550 | 15.600 | HH | 40343  | 879842  | 2.73%  | 0.464% |
| 227    | 15.613 | 15.600 | 15.638 | HH | 23022  | 526487  | 1.63%  | 0.278% |
| 228    | 15.662 | 15.638 | 15.670 | HH | 23681  | 444656  | 1.38%  | 0.235% |
| 229    | 15.696 | 15.670 | 15.708 | HH | 24908  | 559439  | 1.73%  | 0.295% |
| 230    | 15.717 | 15.708 | 15.751 | HH | 24833  | 621517  | 1.93%  | 0.328% |
| 231    | 15.764 | 15.751 | 15.804 | HH | 24199  | 758611  | 2.35%  | 0.400% |
| 232    | 15.831 | 15.804 | 15.868 | HH | 24891  | 929763  | 2.88%  | 0.491% |
| 233    | 15.883 | 15.868 | 15.896 | HH | 25255  | 413957  | 1.28%  | 0.218% |
| 234    | 15.973 | 15.896 | 15.985 | HH | 32069  | 1496989 | 4.64%  | 0.790% |
| 235    | 15.999 | 15.985 | 16.027 | HH | 31977  | 785940  | 2.43%  | 0.415% |
| 236    | 16.042 | 16.027 | 16.080 | HH | 33486  | 960444  | 2.98%  | 0.507% |
| 237    | 16.103 | 16.080 | 16.142 | HH | 45541  | 1190422 | 3.69%  | 0.628% |
| 238    | 16.165 | 16.142 | 16.187 | HH | 29154  | 732496  | 2.27%  | 0.387% |
| 239    | 16.205 | 16.187 | 16.227 | HH | 28148  | 651845  | 2.02%  | 0.344% |
| 240    | 16.241 | 16.227 | 16.285 | HH | 26360  | 873987  | 2.71%  | 0.461% |
| 241    | 16.295 | 16.285 | 16.317 | HH | 25143  | 482204  | 1.49%  | 0.255% |
| 242    | 16.361 | 16.317 | 16.396 | HH | 26316  | 1200074 | 3.72%  | 0.633% |
| 243    | 16.442 | 16.396 | 16.465 | HH | 25321  | 1035021 | 3.21%  | 0.546% |
| 244    | 16.513 | 16.465 | 16.522 | HH | 25806  | 869272  | 2.69%  | 0.459% |
| 245    | 16.547 | 16.522 | 16.578 | HH | 29630  | 904645  | 2.80%  | 0.477% |
| 246    | 16.610 | 16.578 | 16.642 | HH | 27927  | 1004547 | 3.11%  | 0.530% |

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|-------------------------|--------|--------|--------|----|-----------|---------|-------|--------|
| 247                     | 16.677 | 16.642 | 16.701 | HH | 27073     | 941891  | 2.92% | 0.497% |
| 248                     | 16.720 | 16.701 | 16.729 | HH | 26481     | 443369  | 1.37% | 0.234% |
| 249                     | 16.738 | 16.729 | 16.757 | HH | 26426     | 443170  | 1.37% | 0.234% |
| 250                     | 16.798 | 16.757 | 16.808 | HH | 27453     | 813381  | 2.52% | 0.429% |
| 251                     | 16.829 | 16.808 | 16.855 | HH | 27718     | 780328  | 2.42% | 0.412% |
| 252                     | 16.908 | 16.855 | 16.923 | HH | 28844     | 1153495 | 3.57% | 0.609% |
| 253                     | 17.032 | 16.923 | 17.054 | HH | 34971     | 2385612 | 7.39% | 1.259% |
| 254                     | 17.101 | 17.054 | 17.121 | HH | 49126     | 1484769 | 4.60% | 0.784% |
| 255                     | 17.131 | 17.121 | 17.166 | HH | 37772     | 916496  | 2.84% | 0.484% |
| 256                     | 17.199 | 17.166 | 17.210 | HH | 32225     | 848923  | 2.63% | 0.448% |
| 257                     | 17.235 | 17.210 | 17.256 | HH | 34810     | 916417  | 2.84% | 0.484% |
| 258                     | 17.268 | 17.256 | 17.293 | HH | 32577     | 712077  | 2.21% | 0.376% |
| 259                     | 17.298 | 17.293 | 17.308 | HH | 32342     | 297788  | 0.92% | 0.157% |
| 260                     | 17.331 | 17.308 | 17.345 | HH | 32551     | 711901  | 2.21% | 0.376% |
| 261                     | 17.400 | 17.345 | 17.414 | HH | 37645     | 1459464 | 4.52% | 0.770% |
| 262                     | 17.432 | 17.414 | 17.457 | HH | 42626     | 949232  | 2.94% | 0.501% |
| 263                     | 17.491 | 17.457 | 17.525 | HH | 45395     | 1511655 | 4.68% | 0.798% |
| Sum of corrected areas: |        |        |        |    | 189469876 |         |       |        |

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