

Instrument :  
FID\_F  
ClientSampleId :

rteres.txt

Area Percent Report

Data Path : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\FID\_F\Data\  
Data File : FF002906.D  
Signal(s) : FID2B.ch  
Acq On : 05 Dec 2018 16:50  
Sample : J6208-05  
Misc :  
ALS Vial : 62 Sample Multiplier: 1

Manual Integrations  
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mohammad  
12/6/2018 11:57:53 AM

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF120418.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         | 2.271       | 2.252        | 2.289      | BH       | 845            | 5279         | 0.03%          | 0.001%        |
| 2         | 2.294       | 2.289        | 2.302      | PH       | -162           | -1657        | -0.01%         | -0.000%       |
| 3         | 2.318       | 2.302        | 2.367      | PH       | 365            | -8972        | -0.04%         | -0.001%       |
| 4         | 2.376       | 2.367        | 2.385      | PH       | -575           | -6643        | -0.03%         | -0.001%       |
| 5         | 2.392       | 2.385        | 2.409      | PH       | -363           | -7371        | -0.04%         | -0.001%       |
| 6         | 2.416       | 2.409        | 2.477      | PH       | 9464           | 72239        | 0.35%          | 0.008%        |
| 7         | 2.489       | 2.477        | 2.527      | PH       | 6396           | 23091        | 0.11%          | 0.003%        |
| 8         | 2.546       | 2.527        | 2.565      | PH       | 699            | -9778        | -0.05%         | -0.001%       |
| 9         | 2.591       | 2.565        | 2.613      | PH       | 5017           | 39320        | 0.19%          | 0.005%        |
| 10        | 2.635       | 2.613        | 2.672      | PH       | 740            | -10805       | -0.05%         | -0.001%       |
| 11        | 2.682       | 2.672        | 2.707      | PH       | -934           | -27306       | -0.13%         | -0.003%       |
| 12        | 2.726       | 2.707        | 2.740      | PH       | -868           | -23861       | -0.12%         | -0.003%       |
| 13        | 2.745       | 2.740        | 2.754      | PH       | -1330          | -12347       | -0.06%         | -0.001%       |
| 14        | 2.758       | 2.754        | 2.778      | PH       | -1618          | -25651       | -0.12%         | -0.003%       |
| 15        | 2.785       | 2.778        | 2.796      | PH       | -2061          | -23301       | -0.11%         | -0.003%       |
| 16        | 2.817       | 2.796        | 2.858      | PH       | 1726           | -26506       | -0.13%         | -0.003%       |
| 17        | 2.877       | 2.858        | 2.896      | PH       | -835           | -40135       | -0.19%         | -0.005%       |
| 18        | 2.927       | 2.896        | 2.959      | PH       | -1145          | -61189       | -0.30%         | -0.007%       |
| 19        | 2.991       | 2.959        | 3.027      | PH       | 1746           | -19748       | -0.10%         | -0.002%       |
| 20        | 3.041       | 3.027        | 3.052      | PH       | 493            | -10435       | -0.05%         | -0.001%       |
| 21        | 3.071       | 3.052        | 3.096      | PH       | 740            | -19650       | -0.09%         | -0.002%       |
| 22        | 3.115       | 3.096        | 3.132      | PH       | -2018          | -48607       | -0.23%         | -0.006%       |
| 23        | 3.146       | 3.132        | 3.158      | PH       | -1986          | -36539       | -0.18%         | -0.004%       |
| 24        | 3.171       | 3.158        | 3.218      | PH       | 413            | -60246       | -0.29%         | -0.007%       |
| 25        | 3.251       | 3.218        | 3.261      | PH       | -2296          | -61103       | -0.29%         | -0.007%       |
| 26        | 3.279       | 3.261        | 3.285      | PH       | -2096          | -33985       | -0.16%         | -0.004%       |
| 27        | 3.291       | 3.285        | 3.304      | PH       | -2005          | -23964       | -0.12%         | -0.003%       |
| 28        | 3.312       | 3.304        | 3.324      | PH       | -2038          | -27446       | -0.13%         | -0.003%       |
| 29        | 3.335       | 3.324        | 3.363      | PH       | -1864          | -51822       | -0.25%         | -0.006%       |
| 30        | 3.373       | 3.363        | 3.382      | PH       | -2493          | -29534       | -0.14%         | -0.003%       |
| 31        | 3.393       | 3.382        | 3.405      | PH       | -2293          | -33119       | -0.16%         | -0.004%       |
| 32        | 3.416       | 3.405        | 3.430      | PH       | -2145          | -34781       | -0.17%         | -0.004%       |
| 33        | 3.443       | 3.430        | 3.458      | PH       | -2369          | -41487       | -0.20%         | -0.005%       |
| 34        | 3.482       | 3.458        | 3.525      | PH       | -1509          | -87227       | -0.42%         | -0.010%       |
| 35        | 3.541       | 3.525        | 3.546      | PH       | -2413          | -34160       | -0.16%         | -0.004%       |
| 36        | 3.584       | 3.546        | 3.606      | PH       | -320           | -51054       | -0.25%         | -0.006%       |

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|------------|-------|-------|-------|----|--------|---------|--------|---------|
| 37         | 3.619 | 3.606 | 3.637 | PH | -1105  | -32471  | -0.16% | -0.004% |
| 38         | 3.667 | 3.637 | 3.698 | PH | 866    | -37546  | -0.18% | -0.004% |
| 39         | 3.703 | 3.698 | 3.719 | PH | -1450  | -22258  | -0.11% | -0.003% |
| 40         | 3.739 | 3.719 | 3.753 | PH | -1313  | -36928  | -0.18% | -0.004% |
| 41         | 3.768 | 3.753 | 3.775 | PH | -1058  | -19249  | -0.09% | -0.002% |
| 42         | 3.788 | 3.775 | 3.801 | PH | 642    | -7191   | -0.03% | -0.001% |
| 43         | 3.808 | 3.801 | 3.826 | PH | -1004  | -24150  | -0.12% | -0.003% |
| 44         | 3.837 | 3.826 | 3.852 | PH | -2163  | -36857  | -0.18% | -0.004% |
| 45         | 3.873 | 3.852 | 3.893 | PH | 4394   | 7171    | 0.03%  | 0.001%  |
| 46         | 3.899 | 3.893 | 3.920 | PH | -1252  | -28577  | -0.14% | -0.003% |
| 47         | 3.958 | 3.920 | 3.989 | PH | 123073 | 1007077 | 4.86%  | 0.118%  |
| 48         | 4.009 | 3.989 | 4.032 | HH | 4534   | 46754   | 0.23%  | 0.005%  |
| 49         | 4.044 | 4.032 | 4.056 | PH | 361    | -2540   | -0.01% | -0.000% |
| 50         | 4.062 | 4.056 | 4.084 | PH | -345   | -20109  | -0.10% | -0.002% |
| 51         | 4.104 | 4.084 | 4.113 | PH | -468   | -20329  | -0.10% | -0.002% |
| 52         | 4.129 | 4.113 | 4.145 | PH | 4842   | 28222   | 0.14%  | 0.003%  |
| 53         | 4.160 | 4.145 | 4.180 | PH | 907    | -6861   | -0.03% | -0.001% |
| 54         | 4.194 | 4.180 | 4.254 | PH | -858   | -75441  | -0.36% | -0.009% |
| 55         | 4.294 | 4.254 | 4.307 | PH | -1109  | -57487  | -0.28% | -0.007% |
| 56         | 4.322 | 4.307 | 4.352 | PH | 487    | -28288  | -0.14% | -0.003% |
| 57         | 4.368 | 4.352 | 4.392 | PH | -856   | -35378  | -0.17% | -0.004% |
| 58         | 4.409 | 4.392 | 4.425 | PH | 4932   | 21076   | 0.10%  | 0.002%  |
| 59         | 4.439 | 4.425 | 4.453 | PH | -21    | -12616  | -0.06% | -0.001% |
| 60         | 4.471 | 4.453 | 4.499 | PH | 856    | -8566   | -0.04% | -0.001% |
| 61         | 4.515 | 4.499 | 4.557 | PH | 4862   | 10068   | 0.05%  | 0.001%  |
| 62         | 4.580 | 4.557 | 4.614 | PH | 1480   | -4524   | -0.02% | -0.001% |
| 63         | 4.622 | 4.614 | 4.637 | PH | -310   | -9638   | -0.05% | -0.001% |
| 64         | 4.653 | 4.637 | 4.674 | PH | 26     | -13164  | -0.06% | -0.002% |
| 65         | 4.677 | 4.674 | 4.685 | PH | -914   | -6904   | -0.03% | -0.001% |
| 66         | 4.700 | 4.685 | 4.710 | PH | 1874   | 10197   | 0.05%  | 0.001%  |
| 67         | 4.720 | 4.710 | 4.734 | HH | 2041   | 16462   | 0.08%  | 0.002%  |
| 68         | 4.748 | 4.734 | 4.766 | PH | 2495   | 13813   | 0.07%  | 0.002%  |
| 69         | 4.787 | 4.766 | 4.801 | PH | 614    | -4639   | -0.02% | -0.001% |
| 70         | 4.822 | 4.801 | 4.879 | PH | 13365  | 96209   | 0.46%  | 0.011%  |
| 71         | 4.897 | 4.879 | 4.910 | PH | 872    | -9073   | -0.04% | -0.001% |
| 72         | 4.933 | 4.910 | 4.948 | PH | 4287   | 32668   | 0.16%  | 0.004%  |
| 73         | 4.957 | 4.948 | 4.974 | HH | 1124   | 4919    | 0.02%  | 0.001%  |
| 74         | 5.009 | 4.974 | 5.040 | PH | 7751   | 94401   | 0.46%  | 0.011%  |
| 75         | 5.061 | 5.040 | 5.073 | PH | 3220   | 21708   | 0.10%  | 0.003%  |
| 76         | 5.086 | 5.073 | 5.103 | PH | 7552   | 60412   | 0.29%  | 0.007%  |
| 77         | 5.109 | 5.103 | 5.127 | HH | 578    | -4796   | -0.02% | -0.001% |
| 78         | 5.140 | 5.127 | 5.157 | PH | -169   | -21128  | -0.10% | -0.002% |
| 79         | 5.176 | 5.157 | 5.188 | PH | -1324  | -31602  | -0.15% | -0.004% |
| 80         | 5.225 | 5.188 | 5.251 | PH | 1801   | -27079  | -0.13% | -0.003% |
| 81         | 5.279 | 5.251 | 5.326 | PH | 3227   | -9958   | -0.05% | -0.001% |
| 82         | 5.357 | 5.326 | 5.387 | PH | -1082  | -68930  | -0.33% | -0.008% |
| 83         | 5.409 | 5.387 | 5.425 | PH | 9909   | 68276   | 0.33%  | 0.008%  |
| 84         | 5.441 | 5.425 | 5.458 | HH | 14665  | 125313  | 0.60%  | 0.015%  |
| 85         | 5.465 | 5.458 | 5.487 | HH | 1042   | -3728   | -0.02% | -0.000% |
| 86         | 5.514 | 5.487 | 5.555 | PH | 457    | -34539  | -0.17% | -0.004% |
| 87         | 5.573 | 5.555 | 5.583 | PH | 1210   | -1045   | -0.01% | -0.000% |
| 88         | 5.595 | 5.583 | 5.613 | HH | 1560   | 14621   | 0.07%  | 0.002%  |
| 89         | 5.624 | 5.613 | 5.635 | PH | 1029   | 5266    | 0.03%  | 0.001%  |

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|------------|-------|-------|-------|----|-------|--------|--------|---------|
| 90         | 5.640 | 5.635 | 5.647 | PH | 22    | -419   | -0.00% | -0.000% |
| 91         | 5.660 | 5.647 | 5.667 | PH | 587   | 3120   | 0.02%  | 0.000%  |
| 92         | 5.687 | 5.667 | 5.701 | HH | 12778 | 134116 | 0.65%  | 0.016%  |
| 93         | 5.708 | 5.701 | 5.728 | HH | 6474  | 54226  | 0.26%  | 0.006%  |
| 94         | 5.743 | 5.728 | 5.761 | PH | 3521  | 21096  | 0.10%  | 0.002%  |
| 95         | 5.777 | 5.761 | 5.795 | PH | 3524  | 25274  | 0.12%  | 0.003%  |
| 96         | 5.815 | 5.795 | 5.836 | PH | 1348  | 8114   | 0.04%  | 0.001%  |
| 97         | 5.864 | 5.836 | 5.883 | PH | 3681  | 33103  | 0.16%  | 0.004%  |
| 98         | 5.915 | 5.883 | 5.934 | PH | 3585  | 43505  | 0.21%  | 0.005%  |
| 99         | 5.954 | 5.934 | 5.975 | PH | 18378 | 178576 | 0.86%  | 0.021%  |
| 100        | 5.987 | 5.975 | 6.032 | HH | 2601  | 18249  | 0.09%  | 0.002%  |
| 101        | 6.047 | 6.032 | 6.070 | PH | 878   | -6768  | -0.03% | -0.001% |
| 102        | 6.109 | 6.070 | 6.124 | PH | 6271  | 121975 | 0.59%  | 0.014%  |
| 103        | 6.133 | 6.124 | 6.156 | HH | 2654  | 21057  | 0.10%  | 0.002%  |
| 104        | 6.173 | 6.156 | 6.190 | PH | 3946  | 29721  | 0.14%  | 0.003%  |
| 105        | 6.214 | 6.190 | 6.220 | HH | 5026  | 45674  | 0.22%  | 0.005%  |
| 106        | 6.228 | 6.220 | 6.292 | HH | 5761  | 56599  | 0.27%  | 0.007%  |
| 107        | 6.312 | 6.292 | 6.362 | PH | 2385  | -4598  | -0.02% | -0.001% |
| 108        | 6.390 | 6.362 | 6.437 | PH | 3240  | -5983  | -0.03% | -0.001% |
| 109        | 6.474 | 6.437 | 6.489 | PH | 220   | -14201 | -0.07% | -0.002% |
| 110        | 6.509 | 6.489 | 6.526 | PH | 4798  | 53976  | 0.26%  | 0.006%  |
| 111        | 6.538 | 6.526 | 6.565 | HH | 2183  | 7474   | 0.04%  | 0.001%  |
| 112        | 6.587 | 6.565 | 6.602 | PH | 1839  | 6111   | 0.03%  | 0.001%  |
| 113        | 6.611 | 6.602 | 6.627 | PH | -41   | -7471  | -0.04% | -0.001% |
| 114        | 6.638 | 6.627 | 6.648 | PH | -462  | -8714  | -0.04% | -0.001% |
| 115        | 6.668 | 6.648 | 6.685 | PH | 5360  | 40278  | 0.19%  | 0.005%  |
| 116        | 6.702 | 6.685 | 6.719 | PH | 1825  | 17653  | 0.09%  | 0.002%  |
| 117        | 6.727 | 6.719 | 6.750 | HH | 371   | -2203  | -0.01% | -0.000% |
| 118        | 6.787 | 6.750 | 6.809 | PH | 3213  | 26228  | 0.13%  | 0.003%  |
| 119        | 6.820 | 6.809 | 6.842 | PH | 117   | -7393  | -0.04% | -0.001% |
| 120        | 6.861 | 6.842 | 6.868 | PH | 4191  | 32615  | 0.16%  | 0.004%  |
| 121        | 6.882 | 6.868 | 6.899 | HH | 5496  | 81085  | 0.39%  | 0.010%  |
| 122        | 6.902 | 6.899 | 6.931 | HH | 3681  | 43305  | 0.21%  | 0.005%  |
| 123        | 6.950 | 6.931 | 6.981 | HH | 3730  | 52381  | 0.25%  | 0.006%  |
| 124        | 7.010 | 6.981 | 7.031 | PH | 11561 | 130518 | 0.63%  | 0.015%  |
| 125        | 7.053 | 7.031 | 7.079 | HH | 2592  | 41816  | 0.20%  | 0.005%  |
| 126        | 7.094 | 7.079 | 7.127 | PH | 1480  | 9825   | 0.05%  | 0.001%  |
| 127        | 7.146 | 7.127 | 7.171 | PH | 10896 | 101282 | 0.49%  | 0.012%  |
| 128        | 7.184 | 7.171 | 7.202 | PH | 1024  | 3352   | 0.02%  | 0.000%  |
| 129        | 7.215 | 7.202 | 7.237 | PH | -36   | -10527 | -0.05% | -0.001% |
| 130        | 7.241 | 7.237 | 7.248 | PH | -793  | -5644  | -0.03% | -0.001% |
| 131        | 7.263 | 7.248 | 7.289 | PH | -34   | -13768 | -0.07% | -0.002% |
| 132        | 7.316 | 7.289 | 7.346 | PH | 3915  | 22593  | 0.11%  | 0.003%  |
| 133        | 7.391 | 7.346 | 7.424 | PH | 593   | -11799 | -0.06% | -0.001% |
| 134        | 7.438 | 7.424 | 7.466 | PH | -448  | -17216 | -0.08% | -0.002% |
| 135        | 7.487 | 7.466 | 7.517 | PH | 319   | -17674 | -0.09% | -0.002% |
| 136        | 7.541 | 7.517 | 7.553 | PH | -195  | -15986 | -0.08% | -0.002% |
| 137        | 7.560 | 7.553 | 7.576 | PH | -744  | -13086 | -0.06% | -0.002% |
| 138        | 7.599 | 7.576 | 7.619 | PH | -94   | -18726 | -0.09% | -0.002% |
| 139        | 7.624 | 7.619 | 7.627 | PH | -878  | -5023  | -0.02% | -0.001% |
| 140        | 7.653 | 7.627 | 7.667 | PH | -333  | -14300 | -0.07% | -0.002% |
| 141        | 7.679 | 7.667 | 7.695 | PH | -692  | -14658 | -0.07% | -0.002% |

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|------------|-------|-------|-------|----|-------|--------|--------|---------|
| 142        | 7.736 | 7.695 | 7.757 | PH | 4368  | 51450  | 0.25%  | 0.006%  |
| 143        | 7.766 | 7.757 | 7.780 | PH | 394   | 753    | 0.00%  | 0.000%  |
| 144        | 7.796 | 7.780 | 7.821 | PH | 186   | -6053  | -0.03% | -0.001% |
| 145        | 7.844 | 7.821 | 7.857 | PH | -16   | -6734  | -0.03% | -0.001% |
| 146        | 7.893 | 7.857 | 7.929 | PH | 1249  | 11228  | 0.05%  | 0.001%  |
| 147        | 7.941 | 7.929 | 7.950 | PH | -161  | -4232  | -0.02% | -0.000% |
| 148        | 7.960 | 7.950 | 7.973 | PH | 165   | -828   | -0.00% | -0.000% |
| 149        | 8.005 | 7.973 | 8.041 | PH | 7651  | 90961  | 0.44%  | 0.011%  |
| 150        | 8.077 | 8.041 | 8.091 | PH | 4115  | 44952  | 0.22%  | 0.005%  |
| 151        | 8.107 | 8.091 | 8.124 | HH | 6792  | 74277  | 0.36%  | 0.009%  |
| 152        | 8.135 | 8.124 | 8.154 | HH | 3308  | 32647  | 0.16%  | 0.004%  |
| 153        | 8.161 | 8.154 | 8.168 | HH | 1116  | 7893   | 0.04%  | 0.001%  |
| 154        | 8.186 | 8.168 | 8.215 | HH | 4262  | 46954  | 0.23%  | 0.006%  |
| 155        | 8.243 | 8.215 | 8.270 | PH | 58549 | 602084 | 2.90%  | 0.071%  |
| 156        | 8.292 | 8.270 | 8.334 | HH | 19174 | 254892 | 1.23%  | 0.030%  |
| 157        | 8.342 | 8.334 | 8.367 | HH | 1031  | 11669  | 0.06%  | 0.001%  |
| 158        | 8.381 | 8.367 | 8.404 | PH | 1576  | 13932  | 0.07%  | 0.002%  |
| 159        | 8.429 | 8.404 | 8.444 | PH | 589   | 5103   | 0.02%  | 0.001%  |
| 160        | 8.453 | 8.444 | 8.470 | PH | -108  | -3426  | -0.02% | -0.000% |
| 161        | 8.540 | 8.470 | 8.562 | PH | 5785  | 84081  | 0.41%  | 0.010%  |
| 162        | 8.587 | 8.562 | 8.611 | HH | 30244 | 323567 | 1.56%  | 0.038%  |
| 163        | 8.633 | 8.611 | 8.637 | HH | 2851  | 34005  | 0.16%  | 0.004%  |
| 164        | 8.654 | 8.637 | 8.690 | HH | 5495  | 91311  | 0.44%  | 0.011%  |
| 165        | 8.724 | 8.690 | 8.739 | HH | 2944  | 54145  | 0.26%  | 0.006%  |
| 166        | 8.752 | 8.739 | 8.763 | HH | 2714  | 30208  | 0.15%  | 0.004%  |
| 167        | 8.796 | 8.763 | 8.820 | HH | 8865  | 175166 | 0.85%  | 0.021%  |
| 168        | 8.826 | 8.820 | 8.842 | HH | 4365  | 42800  | 0.21%  | 0.005%  |
| 169        | 8.859 | 8.842 | 8.884 | HH | 13974 | 148188 | 0.71%  | 0.017%  |
| 170        | 8.920 | 8.884 | 8.939 | HH | 3150  | 66094  | 0.32%  | 0.008%  |
| 171        | 8.945 | 8.939 | 8.965 | HH | 2054  | 23400  | 0.11%  | 0.003%  |
| 172        | 9.005 | 8.965 | 9.023 | HH | 4722  | 79457  | 0.38%  | 0.009%  |
| 173        | 9.037 | 9.023 | 9.080 | HH | 3100  | 63291  | 0.31%  | 0.007%  |
| 174        | 9.092 | 9.080 | 9.120 | HH | 1331  | 16427  | 0.08%  | 0.002%  |
| 175        | 9.153 | 9.120 | 9.170 | PH | 3430  | 43441  | 0.21%  | 0.005%  |
| 176        | 9.185 | 9.170 | 9.213 | HH | 2713  | 38573  | 0.19%  | 0.005%  |
| 177        | 9.235 | 9.213 | 9.250 | HH | 1727  | 22801  | 0.11%  | 0.003%  |
| 178        | 9.264 | 9.250 | 9.270 | HH | 1282  | 12709  | 0.06%  | 0.001%  |
| 179        | 9.289 | 9.270 | 9.310 | HH | 2810  | 37356  | 0.18%  | 0.004%  |
| 180        | 9.335 | 9.310 | 9.352 | HH | 13077 | 145692 | 0.70%  | 0.017%  |
| 181        | 9.371 | 9.352 | 9.409 | HH | 26445 | 332333 | 1.60%  | 0.039%  |
| 182        | 9.428 | 9.409 | 9.438 | HH | 3585  | 48614  | 0.23%  | 0.006%  |
| 183        | 9.451 | 9.438 | 9.479 | HH | 4279  | 74098  | 0.36%  | 0.009%  |
| 184        | 9.495 | 9.479 | 9.502 | HH | 3613  | 41068  | 0.20%  | 0.005%  |
| 185        | 9.521 | 9.502 | 9.542 | HH | 7762  | 119164 | 0.57%  | 0.014%  |
| 186        | 9.583 | 9.542 | 9.613 | HH | 4676  | 136682 | 0.66%  | 0.016%  |
| 187        | 9.626 | 9.613 | 9.645 | HH | 3585  | 57289  | 0.28%  | 0.007%  |
| 188        | 9.651 | 9.645 | 9.670 | HH | 2262  | 29878  | 0.14%  | 0.004%  |
| 189        | 9.695 | 9.670 | 9.708 | HH | 7823  | 109696 | 0.53%  | 0.013%  |
| 190        | 9.722 | 9.708 | 9.762 | HH | 8195  | 154140 | 0.74%  | 0.018%  |
| 191        | 9.790 | 9.762 | 9.807 | HH | 12685 | 200385 | 0.97%  | 0.024%  |
| 192        | 9.812 | 9.807 | 9.838 | HH | 7156  | 81699  | 0.39%  | 0.010%  |
| 193        | 9.858 | 9.838 | 9.884 | HH | 3438  | 74302  | 0.36%  | 0.009%  |
| 194        | 9.888 | 9.884 | 9.913 | HH | 2612  | 34636  | 0.17%  | 0.004%  |

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|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 195        | 9.938  | 9.913  | 9.943  | HH | 2787   | 38978   | 0.19%  | 0.005% |
| 196        | 9.958  | 9.943  | 9.989  | HH | 3629   | 67186   | 0.32%  | 0.008% |
| 197        | 10.003 | 9.989  | 10.020 | HH | 1434   | 25881   | 0.12%  | 0.003% |
| 198        | 10.023 | 10.020 | 10.035 | HH | 1391   | 11547   | 0.06%  | 0.001% |
| 199        | 10.060 | 10.035 | 10.069 | HH | 2283   | 35533   | 0.17%  | 0.004% |
| 200        | 10.085 | 10.069 | 10.105 | HH | 3346   | 50861   | 0.25%  | 0.006% |
| 201        | 10.118 | 10.105 | 10.124 | HH | 3024   | 28253   | 0.14%  | 0.003% |
| 202        | 10.142 | 10.124 | 10.156 | HH | 3724   | 59087   | 0.29%  | 0.007% |
| 203        | 10.174 | 10.156 | 10.194 | HH | 3849   | 73899   | 0.36%  | 0.009% |
| 204        | 10.228 | 10.194 | 10.242 | HH | 8518   | 155464  | 0.75%  | 0.018% |
| 205        | 10.256 | 10.242 | 10.280 | HH | 8019   | 131464  | 0.63%  | 0.015% |
| 206        | 10.296 | 10.280 | 10.318 | HH | 5915   | 103478  | 0.50%  | 0.012% |
| 207        | 10.327 | 10.318 | 10.333 | HH | 3713   | 31835   | 0.15%  | 0.004% |
| 208        | 10.342 | 10.333 | 10.354 | HH | 3677   | 45027   | 0.22%  | 0.005% |
| 209        | 10.372 | 10.354 | 10.395 | HH | 8157   | 144247  | 0.70%  | 0.017% |
| 210        | 10.423 | 10.395 | 10.463 | HH | 21978  | 383144  | 1.85%  | 0.045% |
| 211        | 10.482 | 10.463 | 10.500 | HH | 7182   | 131838  | 0.64%  | 0.016% |
| 212        | 10.509 | 10.500 | 10.513 | HH | 5242   | 38795   | 0.19%  | 0.005% |
| 213        | 10.530 | 10.513 | 10.535 | HH | 8336   | 94631   | 0.46%  | 0.011% |
| 214        | 10.544 | 10.535 | 10.556 | HH | 8894   | 104441  | 0.50%  | 0.012% |
| 215        | 10.578 | 10.556 | 10.617 | HH | 18821  | 377958  | 1.82%  | 0.044% |
| 216        | 10.625 | 10.617 | 10.636 | HH | 5750   | 61401   | 0.30%  | 0.007% |
| 217        | 10.650 | 10.636 | 10.660 | HH | 5839   | 81086   | 0.39%  | 0.010% |
| 218        | 10.674 | 10.660 | 10.693 | HH | 6827   | 113856  | 0.55%  | 0.013% |
| 219        | 10.704 | 10.693 | 10.724 | HH | 5256   | 90832   | 0.44%  | 0.011% |
| 220        | 10.744 | 10.724 | 10.749 | HH | 8230   | 92840   | 0.45%  | 0.011% |
| 221        | 10.778 | 10.749 | 10.823 | HH | 356258 | 4076205 | 19.66% | 0.479% |
| 222        | 10.849 | 10.823 | 10.873 | HH | 90628  | 1088768 | 5.25%  | 0.128% |
| 223        | 10.879 | 10.873 | 10.914 | HH | 9664   | 191701  | 0.92%  | 0.023% |
| 224        | 10.923 | 10.914 | 10.939 | HH | 7117   | 97648   | 0.47%  | 0.011% |
| 225        | 10.953 | 10.939 | 10.976 | HH | 6570   | 134062  | 0.65%  | 0.016% |
| 226        | 10.987 | 10.976 | 10.995 | HH | 5336   | 56654   | 0.27%  | 0.007% |
| 227        | 11.023 | 10.995 | 11.043 | HH | 9202   | 200437  | 0.97%  | 0.024% |
| 228        | 11.065 | 11.043 | 11.110 | HH | 37712  | 596299  | 2.88%  | 0.070% |
| 229        | 11.140 | 11.110 | 11.150 | HH | 6279   | 143179  | 0.69%  | 0.017% |
| 230        | 11.170 | 11.150 | 11.185 | HH | 7880   | 147158  | 0.71%  | 0.017% |
| 231        | 11.202 | 11.185 | 11.216 | HH | 9365   | 160535  | 0.77%  | 0.019% |
| 232        | 11.250 | 11.216 | 11.275 | HH | 19243  | 437289  | 2.11%  | 0.051% |
| 233        | 11.304 | 11.275 | 11.359 | HH | 16971  | 553377  | 2.67%  | 0.065% |
| 234        | 11.378 | 11.359 | 11.401 | HH | 9979   | 212171  | 1.02%  | 0.025% |
| 235        | 11.427 | 11.401 | 11.447 | HH | 13742  | 278621  | 1.34%  | 0.033% |
| 236        | 11.491 | 11.447 | 11.515 | HH | 14037  | 415367  | 2.00%  | 0.049% |
| 237        | 11.532 | 11.515 | 11.552 | HH | 10025  | 199186  | 0.96%  | 0.023% |
| 238        | 11.579 | 11.552 | 11.595 | HH | 36732  | 533333  | 2.57%  | 0.063% |
| 239        | 11.611 | 11.595 | 11.633 | HH | 45637  | 623120  | 3.01%  | 0.073% |
| 240        | 11.649 | 11.633 | 11.659 | HH | 14492  | 201623  | 0.97%  | 0.024% |
| 241        | 11.694 | 11.659 | 11.711 | HH | 43901  | 812287  | 3.92%  | 0.096% |
| 242        | 11.728 | 11.711 | 11.742 | HH | 28326  | 408739  | 1.97%  | 0.048% |
| 243        | 11.759 | 11.742 | 11.792 | HH | 34941  | 598777  | 2.89%  | 0.070% |
| 244        | 11.806 | 11.792 | 11.810 | HH | 11280  | 118870  | 0.57%  | 0.014% |
| 245        | 11.814 | 11.810 | 11.819 | HH | 11289  | 58246   | 0.28%  | 0.007% |
| 246        | 11.841 | 11.819 | 11.863 | HH | 13514  | 317548  | 1.53%  | 0.037% |

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|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 247        | 11.903 | 11.863 | 11.916 | HH | 16679  | 425976  | 2.06%  | 0.050% |
| 248        | 11.937 | 11.916 | 11.960 | HH | 39592  | 639011  | 3.08%  | 0.075% |
| 249        | 11.969 | 11.960 | 11.974 | HH | 15007  | 126686  | 0.61%  | 0.015% |
| 250        | 12.002 | 11.974 | 12.029 | HH | 23527  | 587285  | 2.83%  | 0.069% |
| 251        | 12.055 | 12.029 | 12.099 | HH | 41476  | 1025063 | 4.95%  | 0.121% |
| 252        | 12.108 | 12.099 | 12.125 | HH | 16517  | 248655  | 1.20%  | 0.029% |
| 253        | 12.169 | 12.125 | 12.249 | HH | 236265 | 4390047 | 21.18% | 0.516% |
| 254        | 12.304 | 12.249 | 12.316 | HH | 20119  | 721384  | 3.48%  | 0.085% |
| 255        | 12.325 | 12.316 | 12.349 | HH | 19718  | 363772  | 1.75%  | 0.043% |
| 256        | 12.372 | 12.349 | 12.384 | HH | 23510  | 423001  | 2.04%  | 0.050% |
| 257        | 12.393 | 12.384 | 12.412 | HH | 23092  | 361359  | 1.74%  | 0.042% |
| 258        | 12.434 | 12.412 | 12.463 | HH | 31404  | 766879  | 3.70%  | 0.090% |
| 259        | 12.484 | 12.463 | 12.503 | HH | 36432  | 658531  | 3.18%  | 0.077% |
| 260        | 12.517 | 12.503 | 12.530 | HH | 26890  | 414535  | 2.00%  | 0.049% |
| 261        | 12.547 | 12.530 | 12.570 | HH | 31433  | 650353  | 3.14%  | 0.076% |
| 262        | 12.603 | 12.570 | 12.642 | HH | 468212 | 5979680 | 28.85% | 0.703% |
| 263        | 12.661 | 12.642 | 12.679 | HH | 26031  | 510873  | 2.46%  | 0.060% |
| 264        | 12.733 | 12.679 | 12.747 | HH | 28605  | 1012173 | 4.88%  | 0.119% |
| 265        | 12.784 | 12.747 | 12.802 | HH | 42122  | 1085316 | 5.24%  | 0.128% |
| 266        | 12.810 | 12.802 | 12.830 | HH | 33621  | 531718  | 2.57%  | 0.063% |
| 267        | 12.838 | 12.830 | 12.864 | HH | 28058  | 543643  | 2.62%  | 0.064% |
| 268        | 12.901 | 12.864 | 12.927 | HH | 375782 | 4933195 | 23.80% | 0.580% |
| 269        | 12.954 | 12.927 | 12.970 | HH | 59291  | 1108234 | 5.35%  | 0.130% |
| 270        | 12.986 | 12.970 | 13.018 | HH | 57921  | 1150361 | 5.55%  | 0.135% |
| 271        | 13.039 | 13.018 | 13.053 | HH | 30720  | 613029  | 2.96%  | 0.072% |
| 272        | 13.072 | 13.053 | 13.083 | HH | 40016  | 636391  | 3.07%  | 0.075% |
| 273        | 13.103 | 13.083 | 13.125 | HH | 44484  | 943138  | 4.55%  | 0.111% |
| 274        | 13.168 | 13.125 | 13.210 | HH | 56791  | 2036272 | 9.82%  | 0.239% |
| 275        | 13.232 | 13.210 | 13.278 | HH | 53680  | 1892410 | 9.13%  | 0.223% |
| 276        | 13.296 | 13.278 | 13.319 | HH | 46838  | 1020967 | 4.93%  | 0.120% |
| 277        | 13.322 | 13.319 | 13.334 | HH | 39737  | 347764  | 1.68%  | 0.041% |
| 278        | 13.359 | 13.334 | 13.373 | HH | 56022  | 1124602 | 5.43%  | 0.132% |
| 279        | 13.398 | 13.373 | 13.430 | HH | 160843 | 2868522 | 13.84% | 0.337% |
| 280        | 13.438 | 13.430 | 13.445 | HH | 40993  | 371023  | 1.79%  | 0.044% |
| 281        | 13.490 | 13.445 | 13.529 | HH | 84024  | 2770117 | 13.36% | 0.326% |
| 282        | 13.554 | 13.529 | 13.575 | HH | 46871  | 1195420 | 5.77%  | 0.141% |
| 283        | 13.598 | 13.575 | 13.620 | HH | 67314  | 1493361 | 7.20%  | 0.176% |
| 284        | 13.637 | 13.620 | 13.658 | HH | 65920  | 1304999 | 6.30%  | 0.153% |
| 285        | 13.678 | 13.658 | 13.701 | HH | 53093  | 1280051 | 6.18%  | 0.151% |
| 286        | 13.706 | 13.701 | 13.716 | HH | 49962  | 447800  | 2.16%  | 0.053% |
| 287        | 13.726 | 13.716 | 13.732 | HH | 51868  | 480880  | 2.32%  | 0.057% |
| 288        | 13.767 | 13.732 | 13.788 | HH | 69214  | 1970421 | 9.51%  | 0.232% |
| 289        | 13.806 | 13.788 | 13.850 | HH | 65019  | 2067078 | 9.97%  | 0.243% |
| 290        | 13.883 | 13.850 | 13.907 | HH | 56887  | 1818163 | 8.77%  | 0.214% |
| 291        | 13.923 | 13.907 | 13.942 | HH | 55309  | 1113596 | 5.37%  | 0.131% |
| 292        | 13.975 | 13.942 | 13.995 | HH | 57815  | 1801799 | 8.69%  | 0.212% |
| 293        | 14.000 | 13.995 | 14.004 | HH | 56730  | 301646  | 1.46%  | 0.035% |
| 294        | 14.016 | 14.004 | 14.034 | HH | 58017  | 1000068 | 4.82%  | 0.118% |
| 295        | 14.054 | 14.034 | 14.080 | HH | 59871  | 1612343 | 7.78%  | 0.190% |
| 296        | 14.109 | 14.080 | 14.116 | HH | 58987  | 1228052 | 5.92%  | 0.144% |
| 297        | 14.137 | 14.116 | 14.152 | HH | 64284  | 1350884 | 6.52%  | 0.159% |
| 298        | 14.187 | 14.152 | 14.199 | HH | 67622  | 1777876 | 8.58%  | 0.209% |
| 299        | 14.227 | 14.199 | 14.264 | HH | 91409  | 2858947 | 13.79% | 0.336% |

Instrument :  
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|------------|--------|--------|--------|----|--------|----------|--------|--------|
| 300        | 14.283 | 14.264 | 14.289 | HH | 64849  | 959892   | 4.63%  | 0.113% |
| 301        | 14.320 | 14.289 | 14.352 | HH | 74246  | 2642115  | 12.75% | 0.311% |
| 302        | 14.405 | 14.352 | 14.427 | HH | 96149  | 3532206  | 17.04% | 0.415% |
| 303        | 14.433 | 14.427 | 14.436 | HH | 75514  | 378258   | 1.82%  | 0.044% |
| 304        | 14.438 | 14.436 | 14.448 | HH | 75242  | 543982   | 2.62%  | 0.064% |
| 305        | 14.470 | 14.448 | 14.500 | HH | 116514 | 2847089  | 13.74% | 0.335% |
| 306        | 14.533 | 14.500 | 14.564 | HH | 106826 | 3310395  | 15.97% | 0.389% |
| 307        | 14.593 | 14.564 | 14.618 | HH | 79037  | 2471790  | 11.92% | 0.291% |
| 308        | 14.653 | 14.618 | 14.683 | HH | 260246 | 5517624  | 26.62% | 0.649% |
| 309        | 14.736 | 14.683 | 14.755 | HH | 95050  | 3700242  | 17.85% | 0.435% |
| 310        | 14.787 | 14.755 | 14.806 | HH | 264100 | 4688885  | 22.62% | 0.551% |
| 311        | 14.828 | 14.806 | 14.858 | HH | 264014 | 4899008  | 23.63% | 0.576% |
| 312        | 14.869 | 14.858 | 14.875 | HH | 88705  | 886902   | 4.28%  | 0.104% |
| 313        | 14.879 | 14.875 | 14.890 | HH | 88347  | 752917   | 3.63%  | 0.089% |
| 314        | 14.899 | 14.890 | 14.904 | HH | 89981  | 748202   | 3.61%  | 0.088% |
| 315        | 14.919 | 14.904 | 14.922 | HH | 89157  | 951968   | 4.59%  | 0.112% |
| 316        | 14.948 | 14.922 | 14.991 | HH | 120282 | 4073894  | 19.65% | 0.479% |
| 317        | 14.994 | 14.991 | 15.004 | HH | 91676  | 704487   | 3.40%  | 0.083% |
| 318        | 15.026 | 15.004 | 15.062 | HH | 101576 | 3277594  | 15.81% | 0.385% |
| 319        | 15.090 | 15.062 | 15.113 | HH | 108357 | 2984355  | 14.40% | 0.351% |
| 320        | 15.130 | 15.113 | 15.141 | HH | 103018 | 1714984  | 8.27%  | 0.202% |
| 321        | 15.145 | 15.141 | 15.154 | HH | 97888  | 758439   | 3.66%  | 0.089% |
| 322        | 15.168 | 15.154 | 15.185 | HH | 98802  | 1758863  | 8.49%  | 0.207% |
| 323        | 15.236 | 15.185 | 15.272 | HH | 171350 | 6131625  | 29.58% | 0.721% |
| 324        | 15.276 | 15.272 | 15.304 | HH | 103283 | 1931013  | 9.32%  | 0.227% |
| 325        | 15.327 | 15.304 | 15.339 | HH | 102635 | 2083092  | 10.05% | 0.245% |
| 326        | 15.349 | 15.339 | 15.352 | HH | 103240 | 829965   | 4.00%  | 0.098% |
| 327        | 15.397 | 15.352 | 15.423 | HH | 123580 | 4720093  | 22.77% | 0.555% |
| 328        | 15.463 | 15.423 | 15.484 | HH | 134721 | 4285671  | 20.68% | 0.504% |
| 329        | 15.500 | 15.484 | 15.530 | HH | 119281 | 3092226  | 14.92% | 0.364% |
| 330        | 15.543 | 15.530 | 15.557 | HH | 112211 | 1824004  | 8.80%  | 0.214% |
| 331        | 15.624 | 15.557 | 15.651 | HH | 128860 | 6713974  | 32.39% | 0.789% |
| 332        | 15.656 | 15.651 | 15.663 | HH | 112529 | 810442   | 3.91%  | 0.095% |
| 333        | 15.701 | 15.663 | 15.724 | HH | 125275 | 4283292  | 20.66% | 0.504% |
| 334        | 15.745 | 15.724 | 15.754 | HH | 122372 | 2123763  | 10.25% | 0.250% |
| 335        | 15.776 | 15.754 | 15.800 | HH | 126169 | 3421729  | 16.51% | 0.402% |
| 336        | 15.823 | 15.800 | 15.847 | HH | 126889 | 3380294  | 16.31% | 0.397% |
| 337        | 15.885 | 15.847 | 15.910 | HH | 132704 | 4887090  | 23.58% | 0.575% |
| 338        | 15.915 | 15.910 | 15.926 | HH | 124498 | 1112273  | 5.37%  | 0.131% |
| 339        | 15.931 | 15.926 | 15.934 | HH | 124060 | 612471   | 2.95%  | 0.072% |
| 340        | 15.938 | 15.934 | 15.953 | HH | 124216 | 1419033  | 6.85%  | 0.167% |
| 341        | 15.968 | 15.953 | 15.982 | HH | 129524 | 2191137  | 10.57% | 0.258% |
| 342        | 16.021 | 15.982 | 16.045 | HH | 129293 | 4807139  | 23.19% | 0.565% |
| 343        | 16.081 | 16.045 | 16.120 | HH | 140455 | 6117163  | 29.51% | 0.719% |
| 344        | 16.141 | 16.120 | 16.157 | HH | 143266 | 3062075  | 14.77% | 0.360% |
| 345        | 16.192 | 16.157 | 16.205 | HH | 144944 | 4095920  | 19.76% | 0.482% |
| 346        | 16.258 | 16.205 | 16.304 | HH | 160135 | 8869839  | 42.79% | 1.043% |
| 347        | 16.356 | 16.304 | 16.418 | HH | 336297 | 13742158 | 66.30% | 1.616% |
| 348        | 16.485 | 16.418 | 16.507 | HH | 189507 | 8656566  | 41.76% | 1.018% |
| 349        | 16.518 | 16.507 | 16.555 | HH | 166063 | 4640092  | 22.39% | 0.546% |
| 350        | 16.601 | 16.555 | 16.617 | HH | 169388 | 6101141  | 29.43% | 0.717% |
| 351        | 16.678 | 16.617 | 16.709 | HH | 297914 | 10994702 | 53.04% | 1.293% |

Instrument :  
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|------------|--------|--------|--------|----|--------|----------|--------|--------|
| 352        | 16.736 | 16.709 | 16.775 | HH | 316054 | 8665522  | 41.81% | 1.019% |
| 353        | 16.836 | 16.775 | 16.862 | HH | 229396 | 9799540  | 47.28% | 1.152% |
| 354        | 16.884 | 16.862 | 16.924 | HH | 200235 | 6940203  | 33.48% | 0.816% |
| 355        | 16.989 | 16.924 | 17.005 | HH | 189865 | 8983160  | 43.34% | 1.056% |
| 356        | 17.034 | 17.005 | 17.052 | HH | 195124 | 5272770  | 25.44% | 0.620% |
| 357        | 17.101 | 17.052 | 17.169 | HH | 202415 | 13559326 | 65.41% | 1.594% |
| 358        | 17.220 | 17.169 | 17.230 | HH | 204803 | 7241126  | 34.93% | 0.851% |
| 359        | 17.260 | 17.230 | 17.311 | HH | 205402 | 9785587  | 47.21% | 1.151% |
| 360        | 17.336 | 17.311 | 17.352 | HH | 201388 | 4906559  | 23.67% | 0.577% |
| 361        | 17.362 | 17.352 | 17.370 | HH | 199041 | 2151384  | 10.38% | 0.253% |
| 362        | 17.397 | 17.370 | 17.427 | HH | 212420 | 7018720  | 33.86% | 0.825% |
| 363        | 17.437 | 17.427 | 17.457 | HH | 201460 | 3565557  | 17.20% | 0.419% |
| 364        | 17.469 | 17.457 | 17.481 | HH | 200012 | 2886742  | 13.93% | 0.339% |
| 365        | 17.499 | 17.481 | 17.514 | HH | 201002 | 3870857  | 18.67% | 0.455% |
| 366        | 17.526 | 17.514 | 17.557 | HH | 201868 | 5191103  | 25.04% | 0.610% |
| 367        | 17.574 | 17.557 | 17.600 | HH | 205997 | 5207413  | 25.12% | 0.612% |
| 368        | 17.620 | 17.600 | 17.636 | HH | 207026 | 4378017  | 21.12% | 0.515% |
| 369        | 17.642 | 17.636 | 17.654 | HH | 205901 | 2127212  | 10.26% | 0.250% |
| 370        | 17.662 | 17.654 | 17.682 | HH | 208633 | 3497092  | 16.87% | 0.411% |
| 371        | 17.727 | 17.682 | 17.777 | HH | 220447 | 11969549 | 57.74% | 1.407% |
| 372        | 17.801 | 17.777 | 17.820 | HH | 211173 | 5320656  | 25.67% | 0.626% |
| 373        | 17.839 | 17.820 | 17.854 | HH | 213258 | 4295596  | 20.72% | 0.505% |
| 374        | 17.897 | 17.854 | 17.935 | HH | 222388 | 10473225 | 50.53% | 1.232% |
| 375        | 17.961 | 17.935 | 17.989 | HH | 214220 | 6844291  | 33.02% | 0.805% |
| 376        | 18.021 | 17.989 | 18.059 | HH | 235461 | 9052933  | 43.67% | 1.065% |
| 377        | 18.113 | 18.059 | 18.137 | HH | 313861 | 11797086 | 56.91% | 1.387% |
| 378        | 18.149 | 18.137 | 18.179 | HH | 244002 | 5769324  | 27.83% | 0.678% |
| 379        | 18.199 | 18.179 | 18.222 | HH | 217792 | 5453892  | 26.31% | 0.641% |
| 380        | 18.243 | 18.222 | 18.262 | HH | 238223 | 5427552  | 26.18% | 0.638% |
| 381        | 18.277 | 18.262 | 18.340 | HH | 228316 | 10015320 | 48.32% | 1.178% |
| 382        | 18.370 | 18.340 | 18.411 | HH | 318454 | 10029954 | 48.39% | 1.179% |
| 383        | 18.453 | 18.411 | 18.473 | HH | 211722 | 7639835  | 36.86% | 0.898% |
| 384        | 18.498 | 18.473 | 18.523 | HH | 222833 | 6320067  | 30.49% | 0.743% |
| 385        | 18.554 | 18.523 | 18.579 | HH | 211375 | 6754558  | 32.59% | 0.794% |
| 386        | 18.596 | 18.579 | 18.644 | HH | 201137 | 7657841  | 36.94% | 0.900% |
| 387        | 18.671 | 18.644 | 18.714 | HH | 205365 | 8353111  | 40.30% | 0.982% |
| 388        | 18.721 | 18.714 | 18.738 | HH | 197470 | 2733671  | 13.19% | 0.321% |
| 389        | 18.760 | 18.738 | 18.783 | HH | 195653 | 5269086  | 25.42% | 0.620% |
| 390        | 18.801 | 18.783 | 18.822 | HH | 199215 | 4531472  | 21.86% | 0.533% |
| 391        | 18.842 | 18.822 | 18.857 | HH | 194109 | 4013959  | 19.36% | 0.472% |
| 392        | 18.881 | 18.857 | 18.892 | HH | 198235 | 4075012  | 19.66% | 0.479% |
| 393        | 18.914 | 18.892 | 18.942 | HH | 221710 | 6187159  | 29.85% | 0.728% |
| 394        | 18.962 | 18.942 | 19.025 | HH | 201012 | 9631611  | 46.47% | 1.133% |
| 395        | 19.042 | 19.025 | 19.074 | HH | 195794 | 5544731  | 26.75% | 0.652% |
| 396        | 19.081 | 19.074 | 19.109 | HH | 189746 | 3939673  | 19.01% | 0.463% |
| 397        | 19.135 | 19.109 | 19.144 | HH | 186401 | 3871924  | 18.68% | 0.455% |
| 398        | 19.166 | 19.144 | 19.192 | HH | 188661 | 5392073  | 26.01% | 0.634% |
| 399        | 19.197 | 19.192 | 19.207 | HH | 185748 | 1644047  | 7.93%  | 0.193% |
| 400        | 19.217 | 19.207 | 19.280 | HH | 184189 | 8033652  | 38.76% | 0.945% |
| 401        | 19.343 | 19.280 | 19.374 | HH | 184770 | 10203473 | 49.22% | 1.200% |
| 402        | 19.383 | 19.374 | 19.393 | HH | 186524 | 2137115  | 10.31% | 0.251% |
| 403        | 19.406 | 19.393 | 19.440 | HH | 189727 | 5270324  | 25.43% | 0.620% |
| 404        | 19.459 | 19.440 | 19.497 | HH | 193180 | 6352070  | 30.64% | 0.747% |

Instrument :  
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Manual Integrations  
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| rteres.txt              |        |        |        |     |        |          |           |        |  |
|-------------------------|--------|--------|--------|-----|--------|----------|-----------|--------|--|
| 405                     | 19.530 | 19.497 | 19.569 | HH  | 225948 | 8522483  | 41.12%    | 1.002% |  |
| 406                     | 19.596 | 19.569 | 19.625 | HH  | 221701 | 6865903  | 33.12%    | 0.807% |  |
| 407                     | 19.655 | 19.625 | 19.672 | HH  | 196897 | 5356923  | 25.84%    | 0.630% |  |
| 408                     | 19.685 | 19.672 | 19.754 | HH  | 196819 | 9345468  | 45.09%    | 1.099% |  |
| 409                     | 19.778 | 19.754 | 19.794 | HH  | 186682 | 4341841  | 20.95%    | 0.511% |  |
| 410                     | 19.813 | 19.794 | 19.845 | HH  | 190098 | 5676976  | 27.39%    | 0.668% |  |
| 411                     | 19.906 | 19.845 | 19.937 | HH  | 234477 | 11182039 | 53.95%    | 1.315% |  |
| 412                     | 19.976 | 19.937 | 20.024 | HH  | 204919 | 10065446 | 48.56%    | 1.184% |  |
| 413                     | 20.051 | 20.024 | 20.075 | HH  | 195108 | 5830641  | 28.13%    | 0.686% |  |
| 414                     | 20.101 | 20.075 | 20.122 | HH  | 191072 | 5239043  | 25.27%    | 0.616% |  |
| 415                     | 20.129 | 20.122 | 20.155 | HH  | 188258 | 3738531  | 18.04%    | 0.440% |  |
| 416                     | 20.217 | 20.155 | 20.230 | HH  | 191165 | 8444123  | 40.74%    | 0.993% |  |
| 417                     | 20.256 | 20.230 | 20.273 | HH  | 200443 | 5112956  | 24.67%    | 0.601% |  |
| 418                     | 20.285 | 20.273 | 20.349 | HH  | 197088 | 8668091  | 41.82%    | 1.019% |  |
| 419                     | 20.389 | 20.349 | 20.405 | HH  | 192313 | 6397906  | 30.87%    | 0.752% |  |
| 420                     | 20.415 | 20.405 | 20.432 | HH  | 192549 | 3068232  | 14.80%    | 0.361% |  |
| 421                     | 20.446 | 20.432 | 20.532 | HH  | 193910 | 11302770 | 54.53%    | 1.329% |  |
| 422                     | 20.546 | 20.532 | 20.582 | HH  | 189175 | 5542102  | 26.74%    | 0.652% |  |
| 423                     | 20.604 | 20.582 | 20.653 | HH  | 185263 | 7702565  | 37.16%    | 0.906% |  |
| 424                     | 20.666 | 20.653 | 20.694 | HH  | 178181 | 4341254  | 20.94%    | 0.510% |  |
| 425                     | 20.704 | 20.694 | 20.720 | HH  | 175671 | 2733315  | 13.19%    | 0.321% |  |
| 426                     | 20.772 | 20.720 | 20.806 | HH  | 177712 | 9068512  | 43.75%    | 1.066% |  |
| 427                     | 20.823 | 20.806 | 20.879 | HH  | 175217 | 7453096  | 35.96%    | 0.876% |  |
| 428                     | 20.914 | 20.879 | 20.987 | HH  | 175435 | 11060818 | 53.36%    | 1.301% |  |
| 429                     | 21.020 | 20.987 | 21.052 | HH  | 169274 | 6421769  | 30.98%    | 0.755% |  |
| 430                     | 21.130 | 21.052 | 21.155 | HH  | 170080 | 10251375 | 49.46%    | 1.205% |  |
| 431                     | 21.168 | 21.155 | 21.189 | HH  | 167408 | 3331166  | 16.07%    | 0.392% |  |
| 432                     | 21.199 | 21.189 | 21.229 | HH  | 168683 | 4049004  | 19.53%    | 0.476% |  |
| 433                     | 21.300 | 21.229 | 21.440 | HH  | 177212 | 20728315 | 100.00%   | 2.437% |  |
| 434                     | 21.464 | 21.440 | 21.482 | HH  | 154673 | 3810607  | 18.38%    | 0.448% |  |
| 435                     | 21.507 | 21.482 | 21.554 | HH  | 154144 | 6450858  | 31.12%    | 0.759% |  |
| 436                     | 21.598 | 21.554 | 21.636 | HH  | 158723 | 7483061  | 36.10%    | 0.880% |  |
| 437                     | 21.676 | 21.636 | 21.707 | HH  | 165058 | 6650328  | 32.08%    | 0.782% |  |
| 438                     | 21.729 | 21.707 | 21.760 | HH  | 159798 | 4942186  | 23.84%    | 0.581% |  |
| 439                     | 21.772 | 21.760 | 21.780 | HHA | 155727 | 1967552  | 9.49%     | 0.231% |  |
| Sum of corrected areas: |        |        |        |     |        |          | 850438667 |        |  |

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