

Instrument :  
FID\_F  
ClientSampleId :

nteres

Area Percent Report

Data Path : P:\HPCHEM1\FID\_F\Data\FF060118\  
Data File : FF000720.D  
Signal(s) : FID2B.ch  
Acq On : 02 Jun 2018 00:40  
Sample : J2676-37MS  
Misc :  
ALS Vial : 66 Sample Multiplier: 1

Manual Integrations  
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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         | 4.250       | 4.202        | 4.277      | BH       | 208437         | 1918289      | 44.38%         | 2.255%        |
| 2         | 4.285       | 4.277        | 4.308      | HH       | 676            | 7898         | 0.18%          | 0.009%        |
| 3         | 4.319       | 4.308        | 4.338      | HH       | 294            | 3227         | 0.07%          | 0.004%        |
| 4         | 4.350       | 4.338        | 4.376      | HH       | 234            | 2358         | 0.05%          | 0.003%        |
| 5         | 4.399       | 4.376        | 4.415      | PH       | 1397           | 13671        | 0.32%          | 0.016%        |
| 6         | 4.457       | 4.415        | 4.519      | HH       | 1149           | 37818        | 0.87%          | 0.044%        |
| 7         | 4.532       | 4.519        | 4.544      | HH       | 269            | 3430         | 0.08%          | 0.004%        |
| 8         | 4.576       | 4.544        | 4.599      | HH       | 275            | 6177         | 0.14%          | 0.007%        |
| 9         | 4.612       | 4.599        | 4.627      | HH       | 976            | 10258        | 0.24%          | 0.012%        |
| 10        | 4.634       | 4.627        | 4.681      | HH       | 913            | 11764        | 0.27%          | 0.014%        |
| 11        | 4.703       | 4.681        | 4.760      | PH       | 114            | -1056        | -0.02%         | -0.001%       |
| 12        | 4.773       | 4.760        | 4.793      | PH       | -7             | -2586        | -0.06%         | -0.003%       |
| 13        | 4.805       | 4.793        | 4.814      | PH       | 101            | 14           | 0.00%          | 0.000%        |
| 14        | 4.820       | 4.814        | 4.829      | HH       | 104            | 647          | 0.01%          | 0.001%        |
| 15        | 4.840       | 4.829        | 4.873      | HH       | 464            | 2047         | 0.05%          | 0.002%        |
| 16        | 4.887       | 4.873        | 4.912      | PH       | 279            | 1732         | 0.04%          | 0.002%        |
| 17        | 4.929       | 4.912        | 4.933      | PH       | 91             | 258          | 0.01%          | 0.000%        |
| 18        | 4.949       | 4.933        | 4.974      | HH       | 336            | 3726         | 0.09%          | 0.004%        |
| 19        | 4.989       | 4.974        | 5.005      | PH       | 106            | -785         | -0.02%         | -0.001%       |
| 20        | 5.011       | 5.005        | 5.030      | PH       | -74            | -1878        | -0.04%         | -0.002%       |
| 21        | 5.034       | 5.030        | 5.038      | PH       | -210           | -989         | -0.02%         | -0.001%       |
| 22        | 5.052       | 5.038        | 5.062      | PH       | -70            | -2091        | -0.05%         | -0.002%       |
| 23        | 5.071       | 5.062        | 5.087      | PH       | -84            | -1926        | -0.04%         | -0.002%       |
| 24        | 5.103       | 5.087        | 5.129      | PH       | 586            | 3749         | 0.09%          | 0.004%        |
| 25        | 5.165       | 5.129        | 5.187      | PH       | 501            | 2787         | 0.06%          | 0.003%        |
| 26        | 5.191       | 5.187        | 5.197      | PH       | -145           | -1163        | -0.03%         | -0.001%       |
| 27        | 5.203       | 5.197        | 5.207      | PH       | -193           | -1181        | -0.03%         | -0.001%       |
| 28        | 5.224       | 5.207        | 5.261      | PH       | -63            | -6247        | -0.14%         | -0.007%       |
| 29        | 5.285       | 5.261        | 5.322      | PH       | 1800           | 15669        | 0.36%          | 0.018%        |
| 30        | 5.352       | 5.322        | 5.373      | PH       | 2566           | 24550        | 0.57%          | 0.029%        |
| 31        | 5.392       | 5.373        | 5.423      | PH       | 815            | 6379         | 0.15%          | 0.007%        |
| 32        | 5.463       | 5.423        | 5.488      | PH       | 456            | 1213         | 0.03%          | 0.001%        |
| 33        | 5.532       | 5.488        | 5.550      | PH       | 91             | -3119        | -0.07%         | -0.004%       |
| 34        | 5.564       | 5.550        | 5.570      | PH       | 55             | 12           | 0.00%          | 0.000%        |
| 35        | 5.576       | 5.570        | 5.604      | PH       | 100            | -870         | -0.02%         | -0.001%       |
| 36        | 5.617       | 5.604        | 5.627      | PH       | -67            | -1621        | -0.04%         | -0.002%       |

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|    |       |       |       |    | rt     | Area    | Height | %Area   | %Height |
|----|-------|-------|-------|----|--------|---------|--------|---------|---------|
| 37 | 5.630 | 5.627 | 5.642 | PH | -116   | -1226   | -0.03% | -0.001% |         |
| 38 | 5.647 | 5.642 | 5.660 | PH | -59    | -1216   | -0.03% | -0.001% |         |
| 39 | 5.693 | 5.660 | 5.708 | PH | -83    | -4709   | -0.11% | -0.006% |         |
| 40 | 5.734 | 5.708 | 5.754 | PH | 116    | -2375   | -0.05% | -0.003% |         |
| 41 | 5.788 | 5.754 | 5.805 | PH | 306    | -278    | -0.01% | -0.000% |         |
| 42 | 5.824 | 5.805 | 5.865 | PH | 1644   | 22894   | 0.53%  | 0.027%  |         |
| 43 | 5.878 | 5.865 | 5.889 | HH | 276    | 2936    | 0.07%  | 0.003%  |         |
| 44 | 5.897 | 5.889 | 5.905 | HH | 216    | 1810    | 0.04%  | 0.002%  |         |
| 45 | 5.922 | 5.905 | 5.948 | HH | 654    | 7139    | 0.17%  | 0.008%  |         |
| 46 | 5.966 | 5.948 | 5.971 | PH | 459    | 2857    | 0.07%  | 0.003%  |         |
| 47 | 5.989 | 5.971 | 6.029 | HH | 1544   | 17278   | 0.40%  | 0.020%  |         |
| 48 | 6.064 | 6.029 | 6.081 | PH | 265    | 1289    | 0.03%  | 0.002%  |         |
| 49 | 6.110 | 6.081 | 6.133 | PH | 682    | 9071    | 0.21%  | 0.011%  |         |
| 50 | 6.138 | 6.133 | 6.148 | HH | 247    | 1794    | 0.04%  | 0.002%  |         |
| 51 | 6.157 | 6.148 | 6.167 | HH | 264    | 2446    | 0.06%  | 0.003%  |         |
| 52 | 6.209 | 6.167 | 6.227 | HH | 445    | 10933   | 0.25%  | 0.013%  |         |
| 53 | 6.264 | 6.227 | 6.330 | HH | 201372 | 2035440 | 47.09% | 2.393%  |         |
| 54 | 6.346 | 6.330 | 6.370 | HH | 600    | 8271    | 0.19%  | 0.010%  |         |
| 55 | 6.383 | 6.370 | 6.395 | HH | 324    | 3869    | 0.09%  | 0.005%  |         |
| 56 | 6.411 | 6.395 | 6.433 | HH | 1341   | 16738   | 0.39%  | 0.020%  |         |
| 57 | 6.448 | 6.433 | 6.474 | HH | 497    | 6782    | 0.16%  | 0.008%  |         |
| 58 | 6.482 | 6.474 | 6.488 | HH | 324    | 1647    | 0.04%  | 0.002%  |         |
| 59 | 6.490 | 6.488 | 6.502 | HH | 134    | 798     | 0.02%  | 0.001%  |         |
| 60 | 6.519 | 6.502 | 6.524 | HH | 241    | 2274    | 0.05%  | 0.003%  |         |
| 61 | 6.536 | 6.524 | 6.558 | HH | 282    | 2848    | 0.07%  | 0.003%  |         |
| 62 | 6.580 | 6.558 | 6.611 | PH | 745    | 10149   | 0.23%  | 0.012%  |         |
| 63 | 6.615 | 6.611 | 6.630 | HH | 188    | 1236    | 0.03%  | 0.001%  |         |
| 64 | 6.650 | 6.630 | 6.671 | PH | 511    | 6032    | 0.14%  | 0.007%  |         |
| 65 | 6.681 | 6.671 | 6.699 | HH | 279    | 2661    | 0.06%  | 0.003%  |         |
| 66 | 6.709 | 6.699 | 6.725 | HH | 252    | 3012    | 0.07%  | 0.004%  |         |
| 67 | 6.741 | 6.725 | 6.754 | HH | 787    | 10355   | 0.24%  | 0.012%  |         |
| 68 | 6.761 | 6.754 | 6.770 | HH | 705    | 6335    | 0.15%  | 0.007%  |         |
| 69 | 6.778 | 6.770 | 6.800 | HH | 762    | 7706    | 0.18%  | 0.009%  |         |
| 70 | 6.819 | 6.800 | 6.840 | HH | 662    | 7245    | 0.17%  | 0.009%  |         |
| 71 | 6.874 | 6.840 | 6.896 | PH | 1328   | 21123   | 0.49%  | 0.025%  |         |
| 72 | 6.917 | 6.896 | 6.942 | HH | 712    | 11289   | 0.26%  | 0.013%  |         |
| 73 | 6.962 | 6.942 | 6.985 | HH | 1306   | 16067   | 0.37%  | 0.019%  |         |
| 74 | 7.006 | 6.985 | 7.035 | HH | 849    | 13049   | 0.30%  | 0.015%  |         |
| 75 | 7.051 | 7.035 | 7.075 | HH | 572    | 7791    | 0.18%  | 0.009%  |         |
| 76 | 7.083 | 7.075 | 7.114 | HH | 221    | 2525    | 0.06%  | 0.003%  |         |
| 77 | 7.139 | 7.114 | 7.145 | PH | 288    | 3196    | 0.07%  | 0.004%  |         |
| 78 | 7.156 | 7.145 | 7.162 | HH | 209    | 1601    | 0.04%  | 0.002%  |         |
| 79 | 7.184 | 7.162 | 7.198 | HH | 2193   | 23092   | 0.53%  | 0.027%  |         |
| 80 | 7.209 | 7.198 | 7.240 | HH | 984    | 16083   | 0.37%  | 0.019%  |         |
| 81 | 7.246 | 7.240 | 7.260 | HH | 441    | 3925    | 0.09%  | 0.005%  |         |
| 82 | 7.267 | 7.260 | 7.283 | HH | 235    | 2163    | 0.05%  | 0.003%  |         |
| 83 | 7.303 | 7.283 | 7.332 | HH | 394    | 7694    | 0.18%  | 0.009%  |         |
| 84 | 7.354 | 7.332 | 7.389 | HH | 505    | 6217    | 0.14%  | 0.007%  |         |
| 85 | 7.402 | 7.389 | 7.420 | PH | 94     | 106     | 0.00%  | 0.000%  |         |
| 86 | 7.423 | 7.420 | 7.425 | PH | 7      | -73     | -0.00% | -0.000% |         |
| 87 | 7.459 | 7.425 | 7.489 | PH | 917    | 12375   | 0.29%  | 0.015%  |         |
| 88 | 7.523 | 7.489 | 7.565 | PH | 304    | 6548    | 0.15%  | 0.008%  |         |
| 89 | 7.569 | 7.565 | 7.575 | HH | 136    | 485     | 0.01%  | 0.001%  |         |

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|     |       |       |       |    | rt     | Area    | Area%  | Height |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
| 90  | 7.602 | 7.575 | 7.617 | HH | 1306   | 18239   | 0.42%  | 0.021% |
| 91  | 7.628 | 7.617 | 7.645 | HH | 1331   | 16487   | 0.38%  | 0.019% |
| 92  | 7.660 | 7.645 | 7.691 | HH | 757    | 11841   | 0.27%  | 0.014% |
| 93  | 7.704 | 7.691 | 7.723 | HH | 296    | 3505    | 0.08%  | 0.004% |
| 94  | 7.748 | 7.723 | 7.765 | HH | 697    | 9230    | 0.21%  | 0.011% |
| 95  | 7.783 | 7.765 | 7.788 | HH | 737    | 8226    | 0.19%  | 0.010% |
| 96  | 7.804 | 7.788 | 7.830 | HH | 1592   | 20879   | 0.48%  | 0.025% |
| 97  | 7.847 | 7.830 | 7.854 | HH | 427    | 4359    | 0.10%  | 0.005% |
| 98  | 7.872 | 7.854 | 7.910 | HH | 1039   | 19664   | 0.45%  | 0.023% |
| 99  | 7.917 | 7.910 | 7.926 | HH | 461    | 3902    | 0.09%  | 0.005% |
| 100 | 7.964 | 7.926 | 7.982 | HH | 1047   | 22286   | 0.52%  | 0.026% |
| 101 | 7.993 | 7.982 | 8.007 | HH | 790    | 8382    | 0.19%  | 0.010% |
| 102 | 8.052 | 8.007 | 8.080 | HH | 191321 | 2060433 | 47.67% | 2.422% |
| 103 | 8.106 | 8.080 | 8.132 | HH | 42896  | 448961  | 10.39% | 0.528% |
| 104 | 8.148 | 8.132 | 8.185 | HH | 3665   | 61103   | 1.41%  | 0.072% |
| 105 | 8.200 | 8.185 | 8.216 | HH | 889    | 14784   | 0.34%  | 0.017% |
| 106 | 8.234 | 8.216 | 8.253 | HH | 827    | 15336   | 0.35%  | 0.018% |
| 107 | 8.277 | 8.253 | 8.311 | HH | 1734   | 30144   | 0.70%  | 0.035% |
| 108 | 8.332 | 8.311 | 8.337 | HH | 488    | 5927    | 0.14%  | 0.007% |
| 109 | 8.344 | 8.337 | 8.352 | HH | 532    | 4236    | 0.10%  | 0.005% |
| 110 | 8.358 | 8.352 | 8.360 | HH | 431    | 2085    | 0.05%  | 0.002% |
| 111 | 8.404 | 8.360 | 8.415 | HH | 1034   | 23570   | 0.55%  | 0.028% |
| 112 | 8.421 | 8.415 | 8.424 | HH | 1002   | 4829    | 0.11%  | 0.006% |
| 113 | 8.442 | 8.424 | 8.459 | HH | 1622   | 26921   | 0.62%  | 0.032% |
| 114 | 8.464 | 8.459 | 8.480 | HH | 1152   | 13309   | 0.31%  | 0.016% |
| 115 | 8.495 | 8.480 | 8.506 | HH | 1707   | 22411   | 0.52%  | 0.026% |
| 116 | 8.517 | 8.506 | 8.558 | HH | 1607   | 37957   | 0.88%  | 0.045% |
| 117 | 8.586 | 8.558 | 8.614 | HH | 3603   | 58149   | 1.35%  | 0.068% |
| 118 | 8.638 | 8.614 | 8.653 | HH | 1802   | 28810   | 0.67%  | 0.034% |
| 119 | 8.666 | 8.653 | 8.700 | HH | 1452   | 34700   | 0.80%  | 0.041% |
| 120 | 8.715 | 8.700 | 8.747 | HH | 1314   | 30343   | 0.70%  | 0.036% |
| 121 | 8.787 | 8.747 | 8.819 | HH | 1708   | 45861   | 1.06%  | 0.054% |
| 122 | 8.870 | 8.819 | 8.908 | HH | 11921  | 191456  | 4.43%  | 0.225% |
| 123 | 8.921 | 8.908 | 8.938 | HH | 1225   | 19748   | 0.46%  | 0.023% |
| 124 | 8.957 | 8.938 | 8.977 | HH | 1893   | 29472   | 0.68%  | 0.035% |
| 125 | 9.006 | 8.977 | 9.029 | HH | 1456   | 32669   | 0.76%  | 0.038% |
| 126 | 9.039 | 9.029 | 9.052 | HH | 1049   | 12579   | 0.29%  | 0.015% |
| 127 | 9.061 | 9.052 | 9.077 | HH | 1014   | 13964   | 0.32%  | 0.016% |
| 128 | 9.090 | 9.077 | 9.110 | HH | 1273   | 22272   | 0.52%  | 0.026% |
| 129 | 9.123 | 9.110 | 9.134 | HH | 1218   | 15530   | 0.36%  | 0.018% |
| 130 | 9.147 | 9.134 | 9.173 | HH | 1505   | 29038   | 0.67%  | 0.034% |
| 131 | 9.200 | 9.173 | 9.214 | HH | 3793   | 56384   | 1.30%  | 0.066% |
| 132 | 9.243 | 9.214 | 9.274 | HH | 3642   | 99098   | 2.29%  | 0.116% |
| 133 | 9.292 | 9.274 | 9.317 | HH | 2457   | 56315   | 1.30%  | 0.066% |
| 134 | 9.328 | 9.317 | 9.352 | HH | 2588   | 44460   | 1.03%  | 0.052% |
| 135 | 9.375 | 9.352 | 9.394 | HH | 3581   | 62778   | 1.45%  | 0.074% |
| 136 | 9.404 | 9.394 | 9.413 | HH | 2246   | 23807   | 0.55%  | 0.028% |
| 137 | 9.428 | 9.413 | 9.450 | HH | 3635   | 54142   | 1.25%  | 0.064% |
| 138 | 9.479 | 9.450 | 9.502 | HH | 2362   | 50925   | 1.18%  | 0.060% |
| 139 | 9.517 | 9.502 | 9.535 | HH | 1539   | 28164   | 0.65%  | 0.033% |
| 140 | 9.581 | 9.535 | 9.587 | HH | 2089   | 56295   | 1.30%  | 0.066% |
| 141 | 9.598 | 9.587 | 9.617 | HH | 2205   | 36844   | 0.85%  | 0.043% |

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|--------|--------|--------|--------|----|--------|---------|--------|--------|--|
| 142    | 9.648  | 9.617  | 9.692  | HH | 195388 | 2222126 | 51.41% | 2.612% |  |
| 143    | 9.717  | 9.692  | 9.738  | HH | 2630   | 65050   | 1.51%  | 0.076% |  |
| 144    | 9.746  | 9.738  | 9.787  | HH | 2379   | 55821   | 1.29%  | 0.066% |  |
| 145    | 9.809  | 9.787  | 9.834  | HH | 1951   | 47388   | 1.10%  | 0.056% |  |
| 146    | 9.861  | 9.834  | 9.874  | HH | 1778   | 39450   | 0.91%  | 0.046% |  |
| 147    | 9.882  | 9.874  | 9.907  | HH | 1769   | 33427   | 0.77%  | 0.039% |  |
| 148    | 9.947  | 9.907  | 9.960  | HH | 2191   | 60995   | 1.41%  | 0.072% |  |
| 149    | 9.994  | 9.960  | 10.007 | HH | 3190   | 71741   | 1.66%  | 0.084% |  |
| 150    | 10.035 | 10.007 | 10.058 | HH | 5607   | 122454  | 2.83%  | 0.144% |  |
| 151    | 10.083 | 10.058 | 10.101 | HH | 3738   | 79404   | 1.84%  | 0.093% |  |
| 152    | 10.124 | 10.101 | 10.157 | HH | 3848   | 99573   | 2.30%  | 0.117% |  |
| 153    | 10.178 | 10.157 | 10.204 | HH | 3353   | 72773   | 1.68%  | 0.086% |  |
| 154    | 10.220 | 10.204 | 10.244 | HH | 2543   | 54620   | 1.26%  | 0.064% |  |
| 155    | 10.275 | 10.244 | 10.298 | HH | 2947   | 85681   | 1.98%  | 0.101% |  |
| 156    | 10.314 | 10.298 | 10.325 | HH | 2935   | 45104   | 1.04%  | 0.053% |  |
| 157    | 10.334 | 10.325 | 10.353 | HH | 2838   | 45706   | 1.06%  | 0.054% |  |
| 158    | 10.384 | 10.353 | 10.412 | HH | 15495  | 239034  | 5.53%  | 0.281% |  |
| 159    | 10.456 | 10.412 | 10.535 | HH | 5828   | 257733  | 5.96%  | 0.303% |  |
| 160    | 10.563 | 10.535 | 10.580 | HH | 2435   | 61639   | 1.43%  | 0.072% |  |
| 161    | 10.619 | 10.580 | 10.646 | HH | 14407  | 256855  | 5.94%  | 0.302% |  |
| 162    | 10.662 | 10.646 | 10.678 | HH | 4970   | 78602   | 1.82%  | 0.092% |  |
| 163    | 10.696 | 10.678 | 10.740 | HH | 6352   | 159330  | 3.69%  | 0.187% |  |
| 164    | 10.771 | 10.740 | 10.791 | HH | 3597   | 99312   | 2.30%  | 0.117% |  |
| 165    | 10.802 | 10.791 | 10.820 | HH | 3200   | 50530   | 1.17%  | 0.059% |  |
| 166    | 10.836 | 10.820 | 10.871 | HH | 3337   | 84946   | 1.97%  | 0.100% |  |
| 167    | 10.889 | 10.871 | 10.904 | HH | 3358   | 55965   | 1.29%  | 0.066% |  |
| 168    | 10.920 | 10.904 | 10.945 | HH | 3459   | 73949   | 1.71%  | 0.087% |  |
| 169    | 10.961 | 10.945 | 10.980 | HH | 3517   | 64598   | 1.49%  | 0.076% |  |
| 170    | 10.985 | 10.980 | 10.992 | HH | 2528   | 16974   | 0.39%  | 0.020% |  |
| 171    | 11.016 | 10.992 | 11.037 | HH | 3237   | 77920   | 1.80%  | 0.092% |  |
| 172    | 11.087 | 11.037 | 11.127 | HH | 174822 | 2201289 | 50.93% | 2.588% |  |
| 173    | 11.173 | 11.127 | 11.217 | HH | 4701   | 202934  | 4.70%  | 0.239% |  |
| 174    | 11.237 | 11.217 | 11.254 | HH | 3689   | 72051   | 1.67%  | 0.085% |  |
| 175    | 11.276 | 11.254 | 11.297 | HH | 5186   | 101805  | 2.36%  | 0.120% |  |
| 176    | 11.329 | 11.297 | 11.364 | HH | 5680   | 163422  | 3.78%  | 0.192% |  |
| 177    | 11.394 | 11.364 | 11.406 | HH | 4609   | 100260  | 2.32%  | 0.118% |  |
| 178    | 11.421 | 11.406 | 11.436 | HH | 5278   | 84322   | 1.95%  | 0.099% |  |
| 179    | 11.453 | 11.436 | 11.469 | HH | 5531   | 90486   | 2.09%  | 0.106% |  |
| 180    | 11.489 | 11.469 | 11.509 | HH | 7970   | 136655  | 3.16%  | 0.161% |  |
| 181    | 11.534 | 11.509 | 11.551 | HH | 5922   | 123681  | 2.86%  | 0.145% |  |
| 182    | 11.569 | 11.551 | 11.584 | HH | 5780   | 93405   | 2.16%  | 0.110% |  |
| 183    | 11.602 | 11.584 | 11.639 | HH | 6238   | 144737  | 3.35%  | 0.170% |  |
| 184    | 11.659 | 11.639 | 11.674 | HH | 4164   | 78556   | 1.82%  | 0.092% |  |
| 185    | 11.692 | 11.674 | 11.715 | HH | 4651   | 95543   | 2.21%  | 0.112% |  |
| 186    | 11.755 | 11.715 | 11.774 | HH | 7226   | 177190  | 4.10%  | 0.208% |  |
| 187    | 11.782 | 11.774 | 11.798 | HH | 4745   | 65045   | 1.50%  | 0.076% |  |
| 188    | 11.804 | 11.798 | 11.817 | HH | 4360   | 50045   | 1.16%  | 0.059% |  |
| 189    | 11.842 | 11.817 | 11.857 | HH | 5083   | 111863  | 2.59%  | 0.131% |  |
| 190    | 11.880 | 11.857 | 11.935 | HH | 7486   | 241946  | 5.60%  | 0.284% |  |
| 191    | 11.954 | 11.935 | 11.975 | HH | 4997   | 106286  | 2.46%  | 0.125% |  |
| 192    | 12.009 | 11.975 | 12.051 | HH | 53508  | 804981  | 18.62% | 0.946% |  |
| 193    | 12.069 | 12.051 | 12.086 | HH | 5773   | 108429  | 2.51%  | 0.127% |  |
| 194    | 12.099 | 12.086 | 12.130 | HH | 5371   | 134687  | 3.12%  | 0.158% |  |

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| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 195    | 12.138 | 12.130 | 12.149 | HH | 5004   | 54619   | 1.26%  | 0.064% |
| 196    | 12.163 | 12.149 | 12.191 | HH | 5190   | 120947  | 2.80%  | 0.142% |
| 197    | 12.213 | 12.191 | 12.250 | HH | 6276   | 186901  | 4.32%  | 0.220% |
| 198    | 12.274 | 12.250 | 12.293 | HH | 5256   | 127163  | 2.94%  | 0.149% |
| 199    | 12.319 | 12.293 | 12.341 | HH | 8598   | 187526  | 4.34%  | 0.220% |
| 200    | 12.354 | 12.341 | 12.362 | HH | 5954   | 72961   | 1.69%  | 0.086% |
| 201    | 12.394 | 12.362 | 12.418 | HH | 164514 | 2133079 | 49.35% | 2.507% |
| 202    | 12.432 | 12.418 | 12.510 | HH | 26313  | 535945  | 12.40% | 0.630% |
| 203    | 12.539 | 12.510 | 12.552 | HH | 6097   | 134647  | 3.12%  | 0.158% |
| 204    | 12.568 | 12.552 | 12.587 | HH | 6867   | 127709  | 2.95%  | 0.150% |
| 205    | 12.622 | 12.587 | 12.634 | HH | 6293   | 164316  | 3.80%  | 0.193% |
| 206    | 12.649 | 12.634 | 12.662 | HH | 6244   | 102307  | 2.37%  | 0.120% |
| 207    | 12.677 | 12.662 | 12.702 | HH | 6292   | 142412  | 3.29%  | 0.167% |
| 208    | 12.729 | 12.702 | 12.752 | HH | 23853  | 382442  | 8.85%  | 0.450% |
| 209    | 12.771 | 12.752 | 12.808 | HH | 13032  | 314415  | 7.27%  | 0.370% |
| 210    | 12.825 | 12.808 | 12.858 | HH | 8328   | 223108  | 5.16%  | 0.262% |
| 211    | 12.876 | 12.858 | 12.892 | HH | 6849   | 136022  | 3.15%  | 0.160% |
| 212    | 12.918 | 12.892 | 12.961 | HH | 7763   | 292472  | 6.77%  | 0.344% |
| 213    | 13.004 | 12.961 | 13.052 | HH | 12012  | 486522  | 11.26% | 0.572% |
| 214    | 13.067 | 13.052 | 13.110 | HH | 9063   | 283669  | 6.56%  | 0.333% |
| 215    | 13.130 | 13.110 | 13.141 | HH | 8415   | 146725  | 3.39%  | 0.172% |
| 216    | 13.156 | 13.141 | 13.172 | HH | 8293   | 146347  | 3.39%  | 0.172% |
| 217    | 13.193 | 13.172 | 13.214 | HH | 9701   | 218458  | 5.05%  | 0.257% |
| 218    | 13.235 | 13.214 | 13.269 | HH | 13268  | 328415  | 7.60%  | 0.386% |
| 219    | 13.320 | 13.269 | 13.350 | HH | 12219  | 461521  | 10.68% | 0.543% |
| 220    | 13.379 | 13.350 | 13.384 | HH | 8812   | 171479  | 3.97%  | 0.202% |
| 221    | 13.391 | 13.384 | 13.408 | HH | 9009   | 126899  | 2.94%  | 0.149% |
| 222    | 13.430 | 13.408 | 13.449 | HH | 11344  | 250554  | 5.80%  | 0.295% |
| 223    | 13.466 | 13.449 | 13.485 | HH | 10581  | 214449  | 4.96%  | 0.252% |
| 224    | 13.501 | 13.485 | 13.522 | HH | 10392  | 219487  | 5.08%  | 0.258% |
| 225    | 13.542 | 13.522 | 13.557 | HH | 11792  | 223049  | 5.16%  | 0.262% |
| 226    | 13.590 | 13.557 | 13.622 | HH | 163727 | 2355016 | 54.49% | 2.768% |
| 227    | 13.635 | 13.622 | 13.660 | HH | 11426  | 244404  | 5.65%  | 0.287% |
| 228    | 13.700 | 13.660 | 13.717 | HH | 11002  | 347669  | 8.04%  | 0.409% |
| 229    | 13.730 | 13.717 | 13.747 | HH | 10361  | 185041  | 4.28%  | 0.218% |
| 230    | 13.778 | 13.747 | 13.785 | HH | 10649  | 234919  | 5.44%  | 0.276% |
| 231    | 13.797 | 13.785 | 13.801 | HH | 10854  | 104843  | 2.43%  | 0.123% |
| 232    | 13.818 | 13.801 | 13.840 | HH | 11109  | 254334  | 5.88%  | 0.299% |
| 233    | 13.860 | 13.840 | 13.871 | HH | 11163  | 206455  | 4.78%  | 0.243% |
| 234    | 13.880 | 13.871 | 13.899 | HH | 11094  | 179211  | 4.15%  | 0.211% |
| 235    | 13.982 | 13.899 | 13.999 | HH | 15935  | 794286  | 18.38% | 0.934% |
| 236    | 14.010 | 13.999 | 14.034 | HH | 14652  | 293042  | 6.78%  | 0.344% |
| 237    | 14.053 | 14.034 | 14.070 | HH | 14658  | 300943  | 6.96%  | 0.354% |
| 238    | 14.081 | 14.070 | 14.109 | HH | 14011  | 315875  | 7.31%  | 0.371% |
| 239    | 14.152 | 14.109 | 14.177 | HH | 20574  | 635206  | 14.70% | 0.747% |
| 240    | 14.201 | 14.177 | 14.216 | HH | 16468  | 356206  | 8.24%  | 0.419% |
| 241    | 14.240 | 14.216 | 14.269 | HH | 16889  | 509377  | 11.78% | 0.599% |
| 242    | 14.294 | 14.269 | 14.317 | HH | 17689  | 444510  | 10.28% | 0.523% |
| 243    | 14.363 | 14.317 | 14.384 | HH | 16730  | 608553  | 14.08% | 0.715% |
| 244    | 14.393 | 14.384 | 14.404 | HH | 15774  | 187548  | 4.34%  | 0.220% |
| 245    | 14.424 | 14.404 | 14.429 | HH | 16037  | 234071  | 5.42%  | 0.275% |
| 246    | 14.436 | 14.429 | 14.451 | HH | 15981  | 211523  | 4.89%  | 0.249% |

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| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 14.489 | 14.451 | 14.521 | HH | 135125 | 2279633 | 52.74% | 2.680% |
| 248    | 14.552 | 14.521 | 14.562 | HH | 17279  | 416496  | 9.64%  | 0.490% |
| 249    | 14.606 | 14.562 | 14.625 | HH | 25583  | 751737  | 17.39% | 0.884% |
| 250    | 14.645 | 14.625 | 14.663 | HH | 28476  | 535358  | 12.39% | 0.629% |
| 251    | 14.691 | 14.663 | 14.723 | HH | 161509 | 2508182 | 58.03% | 2.948% |
| 252    | 14.742 | 14.723 | 14.750 | HH | 19342  | 313112  | 7.24%  | 0.368% |
| 253    | 14.770 | 14.750 | 14.775 | HH | 20692  | 293215  | 6.78%  | 0.345% |
| 254    | 14.780 | 14.775 | 14.802 | HH | 20696  | 321938  | 7.45%  | 0.378% |
| 255    | 14.809 | 14.802 | 14.829 | HH | 19649  | 306496  | 7.09%  | 0.360% |
| 256    | 14.847 | 14.829 | 14.872 | HH | 20069  | 502392  | 11.62% | 0.591% |
| 257    | 14.887 | 14.872 | 14.894 | HH | 18626  | 238587  | 5.52%  | 0.280% |
| 258    | 14.924 | 14.894 | 14.954 | HH | 20398  | 709513  | 16.42% | 0.834% |
| 259    | 14.959 | 14.954 | 14.965 | HH | 19416  | 133512  | 3.09%  | 0.157% |
| 260    | 14.984 | 14.965 | 14.992 | HH | 20202  | 314841  | 7.28%  | 0.370% |
| 261    | 15.001 | 14.992 | 15.006 | HH | 20396  | 171427  | 3.97%  | 0.202% |
| 262    | 15.025 | 15.006 | 15.037 | HH | 20806  | 378525  | 8.76%  | 0.445% |
| 263    | 15.070 | 15.037 | 15.134 | HH | 67500  | 2008181 | 46.46% | 2.361% |
| 264    | 15.138 | 15.134 | 15.146 | HH | 27171  | 158547  | 3.67%  | 0.186% |
| 265    | 15.150 | 15.146 | 15.155 | HH | 21490  | 112701  | 2.61%  | 0.132% |
| 266    | 15.161 | 15.155 | 15.167 | HH | 21539  | 157413  | 3.64%  | 0.185% |
| 267    | 15.171 | 15.167 | 15.179 | HH | 21694  | 157311  | 3.64%  | 0.185% |
| 268    | 15.209 | 15.179 | 15.244 | HH | 28869  | 958412  | 22.17% | 1.127% |
| 269    | 15.277 | 15.244 | 15.299 | HH | 27121  | 812128  | 18.79% | 0.955% |
| 270    | 15.323 | 15.299 | 15.353 | HH | 25092  | 777873  | 18.00% | 0.914% |
| 271    | 15.359 | 15.353 | 15.364 | HH | 23072  | 151693  | 3.51%  | 0.178% |
| 272    | 15.389 | 15.364 | 15.395 | HH | 24149  | 436546  | 10.10% | 0.513% |
| 273    | 15.441 | 15.395 | 15.488 | HH | 26595  | 1408317 | 32.58% | 1.655% |
| 274    | 15.526 | 15.488 | 15.532 | HH | 25691  | 668510  | 15.47% | 0.786% |
| 275    | 15.552 | 15.532 | 15.558 | HH | 25914  | 405064  | 9.37%  | 0.476% |
| 276    | 15.593 | 15.558 | 15.623 | HH | 29572  | 1090513 | 25.23% | 1.282% |
| 277    | 15.651 | 15.623 | 15.656 | HH | 27564  | 536984  | 12.42% | 0.631% |
| 278    | 15.661 | 15.656 | 15.665 | HH | 27406  | 147216  | 3.41%  | 0.173% |
| 279    | 15.710 | 15.665 | 15.753 | HH | 168546 | 3383953 | 78.29% | 3.978% |
| 280    | 15.770 | 15.753 | 15.798 | HH | 30060  | 803005  | 18.58% | 0.944% |
| 281    | 15.815 | 15.798 | 15.835 | HH | 28783  | 630121  | 14.58% | 0.741% |
| 282    | 15.887 | 15.835 | 15.924 | HH | 32250  | 1611752 | 37.29% | 1.895% |
| 283    | 15.988 | 15.924 | 15.995 | HH | 33907  | 1380169 | 31.93% | 1.622% |
| 284    | 16.000 | 15.995 | 16.017 | HH | 34030  | 424827  | 9.83%  | 0.499% |
| 285    | 16.026 | 16.017 | 16.045 | HH | 34194  | 578837  | 13.39% | 0.680% |
| 286    | 16.082 | 16.045 | 16.129 | HH | 71789  | 2347134 | 54.30% | 2.759% |
| 287    | 16.162 | 16.129 | 16.175 | HH | 48869  | 1167895 | 27.02% | 1.373% |
| 288    | 16.190 | 16.175 | 16.222 | HH | 53366  | 1240869 | 28.71% | 1.459% |
| 289    | 16.229 | 16.222 | 16.235 | HH | 35831  | 285694  | 6.61%  | 0.336% |
| 290    | 16.269 | 16.235 | 16.274 | HH | 39824  | 876323  | 20.27% | 1.030% |
| 291    | 16.291 | 16.274 | 16.310 | HH | 41278  | 875362  | 20.25% | 1.029% |
| 292    | 16.323 | 16.310 | 16.328 | HH | 40013  | 430628  | 9.96%  | 0.506% |
| 293    | 16.340 | 16.328 | 16.355 | HH | 40371  | 645564  | 14.94% | 0.759% |
| 294    | 16.360 | 16.355 | 16.368 | HH | 39550  | 297508  | 6.88%  | 0.350% |
| 295    | 16.386 | 16.368 | 16.405 | HH | 40821  | 886981  | 20.52% | 1.043% |
| 296    | 16.411 | 16.405 | 16.425 | HH | 39954  | 468291  | 10.83% | 0.550% |
| 297    | 16.452 | 16.425 | 16.458 | HH | 44347  | 841716  | 19.47% | 0.989% |
| 298    | 16.480 | 16.458 | 16.503 | HH | 50361  | 1236613 | 28.61% | 1.454% |
| 299    | 16.506 | 16.503 | 16.513 | HH | 42285  | 264178  | 6.11%  | 0.311% |

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| rteres                  |        |        |        |     |        |         |          |        |
|-------------------------|--------|--------|--------|-----|--------|---------|----------|--------|
| 300                     | 16.537 | 16.513 | 16.600 | HH  | 50850  | 2384009 | 55.16%   | 2.802% |
| 301                     | 16.659 | 16.600 | 16.687 | HH  | 186259 | 4322248 | 100.00%  | 5.081% |
| 302                     | 16.703 | 16.687 | 16.720 | HHA | 55944  | 1071527 | 24.79%   | 1.260% |
| Sum of corrected areas: |        |        |        |     |        |         | 85069748 |        |

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