

Instrument :  
FID\_E  
ClientSampleId :  
RW-2-20200827

rteres

## Area Percent Report

Manual Integrations  
APPROVED

Ankita  
8/31/2020 1:18:06 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE082820\  
Data File : FE032643.D  
Signal(s) : FID1B.CH  
Acq On : 29 Aug 2020 00:53  
Sample : L3832-09  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE081120.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         | 2.390       | 2.345        | 2.420      | BH       | 639            | -18674       | -0.02%         | -0.001%       |
| 2         | 2.437       | 2.420        | 2.452      | PH       | -868           | -17383       | -0.02%         | -0.000%       |
| 3         | 2.471       | 2.452        | 2.495      | PH       | -604           | -35208       | -0.04%         | -0.001%       |
| 4         | 2.519       | 2.495        | 2.542      | PH       | 218            | -43848       | -0.05%         | -0.001%       |
| 5         | 2.561       | 2.542        | 2.583      | PH       | 912            | -28670       | -0.03%         | -0.001%       |
| 6         | 2.615       | 2.583        | 2.637      | PH       | -1082          | -64405       | -0.07%         | -0.002%       |
| 7         | 2.664       | 2.637        | 2.698      | PH       | -1338          | -82041       | -0.09%         | -0.002%       |
| 8         | 2.737       | 2.698        | 2.772      | PH       | -2275          | -125711      | -0.14%         | -0.004%       |
| 9         | 2.788       | 2.772        | 2.807      | PH       | 1060           | -28221       | -0.03%         | -0.001%       |
| 10        | 2.818       | 2.807        | 2.907      | PH       | -2192          | -238436      | -0.26%         | -0.007%       |
| 11        | 2.936       | 2.907        | 2.953      | PH       | 4790           | -20393       | -0.02%         | -0.001%       |
| 12        | 2.964       | 2.953        | 2.979      | PH       | 1221           | -15419       | -0.02%         | -0.000%       |
| 13        | 2.987       | 2.979        | 3.004      | PH       | -2107          | -43061       | -0.05%         | -0.001%       |
| 14        | 3.024       | 3.004        | 3.044      | PH       | -1415          | -74602       | -0.08%         | -0.002%       |
| 15        | 3.062       | 3.044        | 3.081      | PH       | -738           | -71021       | -0.08%         | -0.002%       |
| 16        | 3.095       | 3.081        | 3.104      | PH       | -2792          | -49864       | -0.05%         | -0.001%       |
| 17        | 3.115       | 3.104        | 3.136      | PH       | -2087          | -65881       | -0.07%         | -0.002%       |
| 18        | 3.146       | 3.136        | 3.157      | PH       | -3895          | -54903       | -0.06%         | -0.002%       |
| 19        | 3.173       | 3.157        | 3.208      | PH       | 4042           | -54172       | -0.06%         | -0.002%       |
| 20        | 3.218       | 3.208        | 3.249      | PH       | -4213          | -128200      | -0.14%         | -0.004%       |
| 21        | 3.273       | 3.249        | 3.315      | PH       | -2907          | -208686      | -0.23%         | -0.006%       |
| 22        | 3.350       | 3.315        | 3.368      | PH       | -4733          | -182272      | -0.20%         | -0.005%       |
| 23        | 3.383       | 3.368        | 3.398      | PH       | -4662          | -103011      | -0.11%         | -0.003%       |
| 24        | 3.412       | 3.398        | 3.445      | PH       | -1088          | -125202      | -0.14%         | -0.004%       |
| 25        | 3.462       | 3.445        | 3.484      | PH       | -2592          | -107846      | -0.12%         | -0.003%       |
| 26        | 3.505       | 3.484        | 3.535      | PH       | -1162          | -122421      | -0.13%         | -0.004%       |
| 27        | 3.551       | 3.535        | 3.561      | PH       | -2755          | -59738       | -0.07%         | -0.002%       |
| 28        | 3.578       | 3.561        | 3.602      | PH       | -877           | -62106       | -0.07%         | -0.002%       |
| 29        | 3.641       | 3.602        | 3.684      | PH       | 18             | -97657       | -0.11%         | -0.003%       |
| 30        | 3.708       | 3.684        | 3.755      | PH       | 10449          | -38199       | -0.04%         | -0.001%       |
| 31        | 3.769       | 3.755        | 3.806      | PH       | 702            | -131600      | -0.14%         | -0.004%       |
| 32        | 3.849       | 3.806        | 3.862      | PH       | 1252           | -128400      | -0.14%         | -0.004%       |
| 33        | 3.875       | 3.862        | 3.893      | PH       | 1816           | -31353       | -0.03%         | -0.001%       |
| 34        | 3.901       | 3.893        | 3.946      | PH       | -3869          | -165129      | -0.18%         | -0.005%       |
| 35        | 3.980       | 3.946        | 3.998      | PH       | -2401          | -165933      | -0.18%         | -0.005%       |
| 36        | 4.027       | 3.998        | 4.041      | PH       | -956           | -81058       | -0.09%         | -0.002%       |

| rteres |       |       |       |    |       |         |        |         |  |
|--------|-------|-------|-------|----|-------|---------|--------|---------|--|
| 37     | 4.065 | 4.041 | 4.089 | PH | 7415  | 24893   | 0.03%  | 0.001%  |  |
| 38     | 4.106 | 4.089 | 4.115 | PH | -189  | -29887  | -0.03% | -0.001% |  |
| 39     | 4.129 | 4.115 | 4.164 | PH | 1133  | -32818  | -0.04% | -0.001% |  |
| 40     | 4.198 | 4.164 | 4.229 | PH | 48789 | 538170  | 0.59%  | 0.015%  |  |
| 41     | 4.244 | 4.229 | 4.260 | PH | 4027  | 28636   | 0.03%  | 0.001%  |  |
| 42     | 4.276 | 4.260 | 4.299 | PH | 9645  | 55245   | 0.06%  | 0.002%  |  |
| 43     | 4.310 | 4.299 | 4.329 | PH | -1167 | -54845  | -0.06% | -0.002% |  |
| 44     | 4.393 | 4.329 | 4.430 | PH | 73663 | 610986  | 0.67%  | 0.018%  |  |
| 45     | 4.446 | 4.430 | 4.469 | PH | 3753  | 18051   | 0.02%  | 0.001%  |  |
| 46     | 4.480 | 4.469 | 4.485 | PH | -258  | -7361   | -0.01% | -0.000% |  |
| 47     | 4.500 | 4.485 | 4.534 | PH | 4956  | 3867    | 0.00%  | 0.000%  |  |
| 48     | 4.559 | 4.534 | 4.576 | PH | 13426 | 101001  | 0.11%  | 0.003%  |  |
| 49     | 4.591 | 4.576 | 4.616 | HH | 3524  | 48495   | 0.05%  | 0.001%  |  |
| 50     | 4.631 | 4.616 | 4.655 | PH | 1821  | 6898    | 0.01%  | 0.000%  |  |
| 51     | 4.669 | 4.655 | 4.678 | PH | 1248  | -2107   | -0.00% | -0.000% |  |
| 52     | 4.696 | 4.678 | 4.762 | PH | 16402 | 180803  | 0.20%  | 0.005%  |  |
| 53     | 4.781 | 4.762 | 4.791 | PH | 4789  | 40593   | 0.04%  | 0.001%  |  |
| 54     | 4.809 | 4.791 | 4.848 | HH | 10119 | 76726   | 0.08%  | 0.002%  |  |
| 55     | 4.890 | 4.848 | 4.903 | PH | 10284 | 77313   | 0.08%  | 0.002%  |  |
| 56     | 4.919 | 4.903 | 4.927 | HH | 5242  | 69533   | 0.08%  | 0.002%  |  |
| 57     | 4.936 | 4.927 | 4.951 | HH | 6774  | 53873   | 0.06%  | 0.002%  |  |
| 58     | 4.968 | 4.951 | 4.995 | PH | 10730 | 71189   | 0.08%  | 0.002%  |  |
| 59     | 5.033 | 4.995 | 5.091 | PH | 71932 | 854647  | 0.93%  | 0.024%  |  |
| 60     | 5.115 | 5.091 | 5.138 | PH | 14084 | 187433  | 0.20%  | 0.005%  |  |
| 61     | 5.164 | 5.138 | 5.175 | HH | 7961  | 88567   | 0.10%  | 0.003%  |  |
| 62     | 5.213 | 5.175 | 5.234 | HH | 15517 | 398615  | 0.44%  | 0.011%  |  |
| 63     | 5.254 | 5.234 | 5.266 | HH | 17843 | 270744  | 0.30%  | 0.008%  |  |
| 64     | 5.277 | 5.266 | 5.292 | HH | 16786 | 225280  | 0.25%  | 0.006%  |  |
| 65     | 5.302 | 5.292 | 5.325 | HH | 14561 | 201464  | 0.22%  | 0.006%  |  |
| 66     | 5.354 | 5.325 | 5.369 | HH | 14306 | 264324  | 0.29%  | 0.008%  |  |
| 67     | 5.386 | 5.369 | 5.400 | HH | 14011 | 195163  | 0.21%  | 0.006%  |  |
| 68     | 5.414 | 5.400 | 5.451 | HH | 19598 | 264438  | 0.29%  | 0.008%  |  |
| 69     | 5.468 | 5.451 | 5.492 | HH | 12832 | 178183  | 0.19%  | 0.005%  |  |
| 70     | 5.515 | 5.492 | 5.532 | HH | 22108 | 299451  | 0.33%  | 0.009%  |  |
| 71     | 5.556 | 5.532 | 5.574 | HH | 17674 | 353385  | 0.39%  | 0.010%  |  |
| 72     | 5.596 | 5.574 | 5.615 | HH | 15476 | 297450  | 0.33%  | 0.009%  |  |
| 73     | 5.670 | 5.615 | 5.696 | HH | 36333 | 894857  | 0.98%  | 0.026%  |  |
| 74     | 5.718 | 5.696 | 5.756 | HH | 27714 | 697377  | 0.76%  | 0.020%  |  |
| 75     | 5.778 | 5.756 | 5.796 | HH | 21767 | 321947  | 0.35%  | 0.009%  |  |
| 76     | 5.810 | 5.796 | 5.825 | HH | 17247 | 220884  | 0.24%  | 0.006%  |  |
| 77     | 5.842 | 5.825 | 5.871 | HH | 23163 | 432794  | 0.47%  | 0.012%  |  |
| 78     | 5.897 | 5.871 | 5.907 | HH | 21482 | 376877  | 0.41%  | 0.011%  |  |
| 79     | 5.926 | 5.907 | 5.943 | HH | 32897 | 583361  | 0.64%  | 0.017%  |  |
| 80     | 5.952 | 5.943 | 5.973 | HH | 29077 | 427653  | 0.47%  | 0.012%  |  |
| 81     | 5.988 | 5.973 | 6.019 | HH | 27871 | 531645  | 0.58%  | 0.015%  |  |
| 82     | 6.029 | 6.019 | 6.037 | HH | 15785 | 160278  | 0.18%  | 0.005%  |  |
| 83     | 6.056 | 6.037 | 6.073 | HH | 30298 | 505047  | 0.55%  | 0.014%  |  |
| 84     | 6.091 | 6.073 | 6.123 | HH | 24104 | 658606  | 0.72%  | 0.019%  |  |
| 85     | 6.132 | 6.123 | 6.169 | HH | 20209 | 499255  | 0.55%  | 0.014%  |  |
| 86     | 6.198 | 6.169 | 6.231 | HH | 46811 | 1003954 | 1.10%  | 0.029%  |  |
| 87     | 6.297 | 6.231 | 6.328 | HH | 49783 | 1807035 | 1.98%  | 0.052%  |  |
| 88     | 6.348 | 6.328 | 6.375 | HH | 22804 | 555050  | 0.61%  | 0.016%  |  |
| 89     | 6.404 | 6.375 | 6.434 | HH | 43809 | 1117923 | 1.22%  | 0.032%  |  |

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|     |       |       |       |    | rters  |          |        |        |
|-----|-------|-------|-------|----|--------|----------|--------|--------|
| 90  | 6.460 | 6.434 | 6.486 | HH | 55949  | 1292868  | 1.41%  | 0.037% |
| 91  | 6.537 | 6.486 | 6.584 | HH | 51897  | 2415902  | 2.64%  | 0.069% |
| 92  | 6.600 | 6.584 | 6.613 | HH | 61268  | 845598   | 0.92%  | 0.024% |
| 93  | 6.626 | 6.613 | 6.639 | HH | 58032  | 789193   | 0.86%  | 0.023% |
| 94  | 6.650 | 6.639 | 6.702 | HH | 50380  | 1582575  | 1.73%  | 0.045% |
| 95  | 6.741 | 6.702 | 6.752 | HH | 42243  | 1131829  | 1.24%  | 0.032% |
| 96  | 6.769 | 6.752 | 6.786 | HH | 44699  | 862232   | 0.94%  | 0.025% |
| 97  | 6.794 | 6.786 | 6.810 | HH | 42963  | 583708   | 0.64%  | 0.017% |
| 98  | 6.823 | 6.810 | 6.840 | HH | 44328  | 734446   | 0.80%  | 0.021% |
| 99  | 6.854 | 6.840 | 6.872 | HH | 40917  | 718450   | 0.79%  | 0.021% |
| 100 | 6.889 | 6.872 | 6.900 | HH | 46075  | 694844   | 0.76%  | 0.020% |
| 101 | 6.931 | 6.900 | 6.949 | HH | 47310  | 1331279  | 1.46%  | 0.038% |
| 102 | 6.966 | 6.949 | 6.981 | HH | 61128  | 952978   | 1.04%  | 0.027% |
| 103 | 7.005 | 6.981 | 7.019 | HH | 76251  | 1410488  | 1.54%  | 0.040% |
| 104 | 7.032 | 7.019 | 7.046 | HH | 67708  | 991443   | 1.08%  | 0.028% |
| 105 | 7.062 | 7.046 | 7.083 | HH | 94205  | 1517946  | 1.66%  | 0.044% |
| 106 | 7.102 | 7.083 | 7.128 | HH | 61902  | 1464866  | 1.60%  | 0.042% |
| 107 | 7.173 | 7.128 | 7.220 | HH | 77069  | 3250087  | 3.55%  | 0.093% |
| 108 | 7.244 | 7.220 | 7.260 | HH | 57527  | 1264822  | 1.38%  | 0.036% |
| 109 | 7.296 | 7.260 | 7.327 | HH | 84151  | 2751532  | 3.01%  | 0.079% |
| 110 | 7.343 | 7.327 | 7.360 | HH | 74004  | 1288841  | 1.41%  | 0.037% |
| 111 | 7.416 | 7.360 | 7.445 | HH | 105020 | 4000233  | 4.37%  | 0.115% |
| 112 | 7.468 | 7.445 | 7.503 | HH | 114121 | 3213139  | 3.51%  | 0.092% |
| 113 | 7.518 | 7.503 | 7.537 | HH | 95215  | 1900782  | 2.08%  | 0.054% |
| 114 | 7.560 | 7.537 | 7.582 | HH | 143114 | 3136927  | 3.43%  | 0.090% |
| 115 | 7.594 | 7.582 | 7.618 | HH | 115937 | 2255456  | 2.47%  | 0.065% |
| 116 | 7.634 | 7.618 | 7.653 | HH | 107666 | 2082146  | 2.28%  | 0.060% |
| 117 | 7.698 | 7.653 | 7.719 | HH | 142410 | 4763896  | 5.21%  | 0.137% |
| 118 | 7.743 | 7.719 | 7.776 | HH | 153974 | 4388850  | 4.80%  | 0.126% |
| 119 | 7.822 | 7.776 | 7.862 | HH | 152042 | 6925209  | 7.57%  | 0.199% |
| 120 | 7.883 | 7.862 | 7.904 | HH | 154234 | 3421772  | 3.74%  | 0.098% |
| 121 | 7.921 | 7.904 | 7.943 | HH | 146639 | 3124634  | 3.42%  | 0.090% |
| 122 | 7.967 | 7.943 | 7.978 | HH | 145495 | 2840305  | 3.11%  | 0.081% |
| 123 | 7.998 | 7.978 | 8.015 | HH | 158743 | 3458957  | 3.78%  | 0.099% |
| 124 | 8.057 | 8.015 | 8.083 | HH | 168225 | 6418006  | 7.02%  | 0.184% |
| 125 | 8.128 | 8.083 | 8.150 | HH | 190992 | 7070125  | 7.73%  | 0.203% |
| 126 | 8.178 | 8.150 | 8.193 | HH | 205851 | 4778407  | 5.23%  | 0.137% |
| 127 | 8.246 | 8.193 | 8.302 | HH | 499159 | 17180867 | 18.79% | 0.492% |
| 128 | 8.321 | 8.302 | 8.338 | HH | 298949 | 5430560  | 5.94%  | 0.156% |
| 129 | 8.392 | 8.338 | 8.412 | HH | 347342 | 12629651 | 13.81% | 0.362% |
| 130 | 8.430 | 8.412 | 8.448 | HH | 280911 | 5854294  | 6.40%  | 0.168% |
| 131 | 8.466 | 8.448 | 8.478 | HH | 286289 | 4995248  | 5.46%  | 0.143% |
| 132 | 8.499 | 8.478 | 8.508 | HH | 283405 | 4998515  | 5.47%  | 0.143% |
| 133 | 8.535 | 8.508 | 8.545 | HH | 302829 | 6351461  | 6.95%  | 0.182% |
| 134 | 8.556 | 8.545 | 8.568 | HH | 296084 | 4088424  | 4.47%  | 0.117% |
| 135 | 8.588 | 8.568 | 8.600 | HH | 306649 | 5561613  | 6.08%  | 0.159% |
| 136 | 8.644 | 8.600 | 8.677 | HH | 369618 | 15655184 | 17.12% | 0.449% |
| 137 | 8.688 | 8.677 | 8.699 | HH | 325301 | 4265829  | 4.67%  | 0.122% |
| 138 | 8.725 | 8.699 | 8.762 | HH | 349457 | 12392451 | 13.55% | 0.355% |
| 139 | 8.781 | 8.762 | 8.813 | HH | 325492 | 9354819  | 10.23% | 0.268% |
| 140 | 8.852 | 8.813 | 8.871 | HH | 363472 | 11746930 | 12.85% | 0.337% |
| 141 | 8.926 | 8.871 | 8.948 | HH | 416989 | 18153738 | 19.85% | 0.520% |

| rteres |        |        |        |    |         |          |         |        |
|--------|--------|--------|--------|----|---------|----------|---------|--------|
| 142    | 8.957  | 8.948  | 8.979  | HH | 398254  | 7102111  | 7.77%   | 0.204% |
| 143    | 9.003  | 8.979  | 9.027  | HH | 405399  | 11408602 | 12.48%  | 0.327% |
| 144    | 9.094  | 9.027  | 9.167  | HH | 499254  | 38111927 | 41.68%  | 1.092% |
| 145    | 9.203  | 9.167  | 9.225  | HH | 534945  | 16728696 | 18.30%  | 0.480% |
| 146    | 9.248  | 9.225  | 9.269  | HH | 526176  | 13675306 | 14.96%  | 0.392% |
| 147    | 9.305  | 9.269  | 9.338  | HH | 563205  | 22396398 | 24.49%  | 0.642% |
| 148    | 9.414  | 9.338  | 9.439  | HH | 632111  | 35303700 | 38.61%  | 1.012% |
| 149    | 9.493  | 9.439  | 9.556  | HH | 684731  | 44468019 | 48.63%  | 1.275% |
| 150    | 9.565  | 9.556  | 9.582  | HH | 610425  | 9459884  | 10.35%  | 0.271% |
| 151    | 9.617  | 9.582  | 9.652  | HH | 677067  | 26742570 | 29.25%  | 0.767% |
| 152    | 9.708  | 9.652  | 9.726  | HH | 703128  | 30016309 | 32.83%  | 0.860% |
| 153    | 9.743  | 9.726  | 9.757  | HH | 714962  | 12753149 | 13.95%  | 0.366% |
| 154    | 9.771  | 9.757  | 9.788  | HH | 723841  | 13515421 | 14.78%  | 0.387% |
| 155    | 9.814  | 9.788  | 9.829  | HH | 734075  | 17532154 | 19.17%  | 0.503% |
| 156    | 9.865  | 9.829  | 9.875  | HH | 787608  | 20747288 | 22.69%  | 0.595% |
| 157    | 9.916  | 9.875  | 9.956  | HH | 876065  | 40322562 | 44.10%  | 1.156% |
| 158    | 9.973  | 9.956  | 9.989  | HH | 857370  | 17084641 | 18.69%  | 0.490% |
| 159    | 10.002 | 9.989  | 10.024 | HH | 848186  | 17667550 | 19.32%  | 0.506% |
| 160    | 10.067 | 10.024 | 10.103 | HH | 979178  | 43372437 | 47.44%  | 1.243% |
| 161    | 10.156 | 10.103 | 10.186 | HH | 945594  | 45599648 | 49.87%  | 1.307% |
| 162    | 10.195 | 10.186 | 10.228 | HH | 926840  | 23141310 | 25.31%  | 0.663% |
| 163    | 10.253 | 10.228 | 10.305 | HH | 955680  | 42153408 | 46.10%  | 1.208% |
| 164    | 10.387 | 10.305 | 10.433 | HH | 1085191 | 77067492 | 84.29%  | 2.209% |
| 165    | 10.511 | 10.433 | 10.565 | HH | 1123646 | 83418236 | 91.23%  | 2.391% |
| 166    | 10.658 | 10.565 | 10.697 | HH | 1261575 | 91434772 | 100.00% | 2.621% |
| 167    | 10.739 | 10.697 | 10.765 | HH | 1150683 | 45978991 | 50.29%  | 1.318% |
| 168    | 10.841 | 10.765 | 10.858 | HH | 1218152 | 64555009 | 70.60%  | 1.850% |
| 169    | 10.878 | 10.858 | 10.904 | HH | 1159524 | 30849426 | 33.74%  | 0.884% |
| 170    | 10.934 | 10.904 | 10.958 | HH | 1148779 | 36245314 | 39.64%  | 1.039% |
| 171    | 10.989 | 10.958 | 11.002 | HH | 1106393 | 28211160 | 30.85%  | 0.809% |
| 172    | 11.012 | 11.002 | 11.033 | HH | 1116392 | 20203205 | 22.10%  | 0.579% |
| 173    | 11.084 | 11.033 | 11.102 | HH | 1132955 | 45080313 | 49.30%  | 1.292% |
| 174    | 11.135 | 11.102 | 11.144 | HH | 1149986 | 28285697 | 30.94%  | 0.811% |
| 175    | 11.154 | 11.144 | 11.168 | HH | 1162136 | 17070843 | 18.67%  | 0.489% |
| 176    | 11.182 | 11.168 | 11.220 | HH | 1152782 | 35071026 | 38.36%  | 1.005% |
| 177    | 11.241 | 11.220 | 11.255 | HH | 1141790 | 23927252 | 26.17%  | 0.686% |
| 178    | 11.270 | 11.255 | 11.294 | HH | 1147807 | 26455955 | 28.93%  | 0.758% |
| 179    | 11.309 | 11.294 | 11.320 | HH | 1141879 | 17564094 | 19.21%  | 0.503% |
| 180    | 11.336 | 11.320 | 11.362 | HH | 1139872 | 28050804 | 30.68%  | 0.804% |
| 181    | 11.385 | 11.362 | 11.425 | HH | 1175165 | 42877081 | 46.89%  | 1.229% |
| 182    | 11.432 | 11.425 | 11.458 | HH | 1121301 | 21747384 | 23.78%  | 0.623% |
| 183    | 11.468 | 11.458 | 11.478 | HH | 1069313 | 12515700 | 13.69%  | 0.359% |
| 184    | 11.506 | 11.478 | 11.525 | HH | 1125431 | 30955771 | 33.86%  | 0.887% |
| 185    | 11.558 | 11.525 | 11.589 | HH | 1117486 | 41894278 | 45.82%  | 1.201% |
| 186    | 11.598 | 11.589 | 11.632 | HH | 1090503 | 27634895 | 30.22%  | 0.792% |
| 187    | 11.649 | 11.632 | 11.664 | HH | 1100231 | 21080730 | 23.06%  | 0.604% |
| 188    | 11.684 | 11.664 | 11.738 | HH | 1116274 | 47009889 | 51.41%  | 1.348% |
| 189    | 11.764 | 11.738 | 11.782 | HH | 1054321 | 27264603 | 29.82%  | 0.782% |
| 190    | 11.792 | 11.782 | 11.806 | HH | 1024969 | 15038390 | 16.45%  | 0.431% |
| 191    | 11.815 | 11.806 | 11.829 | HH | 1029171 | 13688292 | 14.97%  | 0.392% |
| 192    | 11.846 | 11.829 | 11.892 | HH | 1032292 | 37936600 | 41.49%  | 1.087% |
| 193    | 11.899 | 11.892 | 11.915 | HH | 997928  | 13821864 | 15.12%  | 0.396% |
| 194    | 11.926 | 11.915 | 11.931 | HH | 993695  | 9649453  | 10.55%  | 0.277% |

Instrument :  
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| rteres |        |        |        |    |         |          |        |        |
|--------|--------|--------|--------|----|---------|----------|--------|--------|
| 195    | 11.956 | 11.931 | 11.991 | HH | 1007135 | 35119368 | 38.41% | 1.007% |
| 196    | 12.007 | 11.991 | 12.025 | HH | 963830  | 19119669 | 20.91% | 0.548% |
| 197    | 12.040 | 12.025 | 12.050 | HH | 960010  | 14556908 | 15.92% | 0.417% |
| 198    | 12.058 | 12.050 | 12.068 | HH | 949814  | 10116530 | 11.06% | 0.290% |
| 199    | 12.105 | 12.068 | 12.138 | HH | 977059  | 39656964 | 43.37% | 1.137% |
| 200    | 12.150 | 12.138 | 12.163 | HH | 930662  | 13804578 | 15.10% | 0.396% |
| 201    | 12.185 | 12.163 | 12.216 | HH | 962353  | 29882700 | 32.68% | 0.857% |
| 202    | 12.226 | 12.216 | 12.232 | HH | 951116  | 8963671  | 9.80%  | 0.257% |
| 203    | 12.249 | 12.232 | 12.301 | HH | 972627  | 38899710 | 42.54% | 1.115% |
| 204    | 12.312 | 12.301 | 12.326 | HH | 928655  | 13743521 | 15.03% | 0.394% |
| 205    | 12.389 | 12.326 | 12.438 | HH | 1183498 | 66026393 | 72.21% | 1.893% |
| 206    | 12.459 | 12.438 | 12.475 | HH | 887596  | 19212612 | 21.01% | 0.551% |
| 207    | 12.488 | 12.475 | 12.548 | HH | 899122  | 37494480 | 41.01% | 1.075% |
| 208    | 12.554 | 12.548 | 12.565 | HH | 851352  | 8823471  | 9.65%  | 0.253% |
| 209    | 12.596 | 12.565 | 12.617 | HH | 908544  | 26996725 | 29.53% | 0.774% |
| 210    | 12.631 | 12.617 | 12.672 | HH | 882619  | 28352280 | 31.01% | 0.813% |
| 211    | 12.682 | 12.672 | 12.697 | HH | 856498  | 12935857 | 14.15% | 0.371% |
| 212    | 12.710 | 12.697 | 12.762 | HH | 841455  | 31934327 | 34.93% | 0.915% |
| 213    | 12.771 | 12.762 | 12.783 | HH | 808169  | 9973235  | 10.91% | 0.286% |
| 214    | 12.810 | 12.783 | 12.821 | HH | 801596  | 17923497 | 19.60% | 0.514% |
| 215    | 12.858 | 12.821 | 12.893 | HH | 819602  | 34611940 | 37.85% | 0.992% |
| 216    | 12.928 | 12.893 | 12.952 | HH | 827586  | 28750582 | 31.44% | 0.824% |
| 217    | 12.991 | 12.952 | 13.022 | HH | 805420  | 32886474 | 35.97% | 0.943% |
| 218    | 13.051 | 13.022 | 13.094 | HH | 822995  | 33029623 | 36.12% | 0.947% |
| 219    | 13.109 | 13.094 | 13.122 | HH | 728204  | 11785888 | 12.89% | 0.338% |
| 220    | 13.141 | 13.122 | 13.200 | HH | 729371  | 33576909 | 36.72% | 0.962% |
| 221    | 13.210 | 13.200 | 13.243 | HH | 713323  | 17860588 | 19.53% | 0.512% |
| 222    | 13.258 | 13.243 | 13.285 | HH | 693452  | 17558550 | 19.20% | 0.503% |
| 223    | 13.294 | 13.285 | 13.306 | HH | 681503  | 8287333  | 9.06%  | 0.238% |
| 224    | 13.320 | 13.306 | 13.333 | HH | 693479  | 11112730 | 12.15% | 0.319% |
| 225    | 13.357 | 13.333 | 13.414 | HH | 713952  | 33560350 | 36.70% | 0.962% |
| 226    | 13.433 | 13.414 | 13.455 | HH | 658517  | 15841216 | 17.33% | 0.454% |
| 227    | 13.474 | 13.455 | 13.519 | HH | 636253  | 24025374 | 26.28% | 0.689% |
| 228    | 13.550 | 13.519 | 13.635 | HH | 684104  | 42483581 | 46.46% | 1.218% |
| 229    | 13.655 | 13.635 | 13.670 | HH | 584388  | 12228005 | 13.37% | 0.351% |
| 230    | 13.683 | 13.670 | 13.742 | HH | 585495  | 24143581 | 26.41% | 0.692% |
| 231    | 13.758 | 13.742 | 13.785 | HH | 551369  | 14149338 | 15.47% | 0.406% |
| 232    | 13.790 | 13.785 | 13.831 | HH | 546895  | 14905002 | 16.30% | 0.427% |
| 233    | 13.873 | 13.831 | 13.943 | HH | 538523  | 35006628 | 38.29% | 1.003% |
| 234    | 13.950 | 13.943 | 13.992 | HH | 494633  | 14336193 | 15.68% | 0.411% |
| 235    | 14.002 | 13.992 | 14.018 | HH | 486310  | 7307720  | 7.99%  | 0.209% |
| 236    | 14.037 | 14.018 | 14.066 | HH | 479212  | 13760451 | 15.05% | 0.394% |
| 237    | 14.086 | 14.066 | 14.134 | HH | 466342  | 18429689 | 20.16% | 0.528% |
| 238    | 14.147 | 14.134 | 14.182 | HH | 458839  | 12844674 | 14.05% | 0.368% |
| 239    | 14.192 | 14.182 | 14.205 | HH | 442638  | 6150940  | 6.73%  | 0.176% |
| 240    | 14.218 | 14.205 | 14.260 | HH | 448829  | 13973537 | 15.28% | 0.401% |
| 241    | 14.274 | 14.260 | 14.308 | HH | 421357  | 11998054 | 13.12% | 0.344% |
| 242    | 14.318 | 14.308 | 14.363 | HH | 418835  | 13570102 | 14.84% | 0.389% |
| 243    | 14.373 | 14.363 | 14.392 | HH | 402762  | 6704577  | 7.33%  | 0.192% |
| 244    | 14.396 | 14.392 | 14.415 | HH | 392689  | 5292209  | 5.79%  | 0.152% |
| 245    | 14.427 | 14.415 | 14.548 | HH | 388292  | 29727634 | 32.51% | 0.852% |
| 246    | 14.563 | 14.548 | 14.582 | HH | 360248  | 7113205  | 7.78%  | 0.204% |

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| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 247    | 14.595 | 14.582 | 14.610 | HH | 354607 | 5875749  | 6.43%  | 0.168% |
| 248    | 14.625 | 14.610 | 14.642 | HH | 344534 | 6508813  | 7.12%  | 0.187% |
| 249    | 14.653 | 14.642 | 14.671 | HH | 341125 | 5944759  | 6.50%  | 0.170% |
| 250    | 14.712 | 14.671 | 14.751 | HH | 807410 | 22148090 | 24.22% | 0.635% |
| 251    | 14.770 | 14.751 | 14.785 | HH | 320495 | 6447494  | 7.05%  | 0.185% |
| 252    | 14.799 | 14.785 | 14.842 | HH | 313473 | 10474873 | 11.46% | 0.300% |
| 253    | 14.853 | 14.842 | 14.862 | HH | 305169 | 3640956  | 3.98%  | 0.104% |
| 254    | 14.869 | 14.862 | 14.880 | HH | 302856 | 3216602  | 3.52%  | 0.092% |
| 255    | 14.908 | 14.880 | 14.950 | HH | 306315 | 12691181 | 13.88% | 0.364% |
| 256    | 14.962 | 14.950 | 15.004 | HH | 294648 | 9217164  | 10.08% | 0.264% |
| 257    | 15.016 | 15.004 | 15.048 | HH | 283172 | 7521887  | 8.23%  | 0.216% |
| 258    | 15.060 | 15.048 | 15.076 | HH | 279677 | 4505497  | 4.93%  | 0.129% |
| 259    | 15.085 | 15.076 | 15.101 | HH | 278758 | 4257008  | 4.66%  | 0.122% |
| 260    | 15.114 | 15.101 | 15.185 | HH | 273751 | 13412207 | 14.67% | 0.384% |
| 261    | 15.204 | 15.185 | 15.267 | HH | 263975 | 12634464 | 13.82% | 0.362% |
| 262    | 15.297 | 15.267 | 15.325 | HH | 401012 | 10589664 | 11.58% | 0.304% |
| 263    | 15.336 | 15.325 | 15.363 | HH | 257529 | 5731122  | 6.27%  | 0.164% |
| 264    | 15.384 | 15.363 | 15.437 | HH | 250444 | 10637817 | 11.63% | 0.305% |
| 265    | 15.448 | 15.437 | 15.467 | HH | 236454 | 4267027  | 4.67%  | 0.122% |
| 266    | 15.481 | 15.467 | 15.494 | HH | 234562 | 3709311  | 4.06%  | 0.106% |
| 267    | 15.512 | 15.494 | 15.541 | HH | 241640 | 6588846  | 7.21%  | 0.189% |
| 268    | 15.551 | 15.541 | 15.641 | HH | 227653 | 13214189 | 14.45% | 0.379% |
| 269    | 15.662 | 15.641 | 15.682 | HH | 215116 | 5196158  | 5.68%  | 0.149% |
| 270    | 15.695 | 15.682 | 15.746 | HH | 216364 | 8080355  | 8.84%  | 0.232% |
| 271    | 15.755 | 15.746 | 15.782 | HH | 204612 | 4384016  | 4.79%  | 0.126% |
| 272    | 15.804 | 15.782 | 15.861 | HH | 203931 | 9443091  | 10.33% | 0.271% |
| 273    | 15.877 | 15.861 | 15.896 | HH | 193706 | 4031988  | 4.41%  | 0.116% |
| 274    | 15.915 | 15.896 | 15.977 | HH | 194567 | 9277904  | 10.15% | 0.266% |
| 275    | 15.991 | 15.977 | 16.220 | HH | 186420 | 25664722 | 28.07% | 0.736% |
| 276    | 16.228 | 16.220 | 16.278 | HH | 168483 | 5830317  | 6.38%  | 0.167% |
| 277    | 16.296 | 16.278 | 16.352 | HH | 174255 | 7226208  | 7.90%  | 0.207% |
| 278    | 16.368 | 16.352 | 16.387 | HH | 161964 | 3402392  | 3.72%  | 0.098% |
| 279    | 16.402 | 16.387 | 16.472 | HH | 161971 | 7918322  | 8.66%  | 0.227% |
| 280    | 16.483 | 16.472 | 16.512 | HH | 151771 | 3617849  | 3.96%  | 0.104% |
| 281    | 16.525 | 16.512 | 16.651 | HH | 151109 | 11957398 | 13.08% | 0.343% |
| 282    | 16.663 | 16.651 | 16.820 | HH | 140225 | 13528368 | 14.80% | 0.388% |
| 283    | 16.835 | 16.820 | 16.847 | HH | 129509 | 2109022  | 2.31%  | 0.060% |
| 284    | 16.865 | 16.847 | 17.055 | HH | 134762 | 15042562 | 16.45% | 0.431% |
| 285    | 17.065 | 17.055 | 17.109 | HH | 114027 | 3656943  | 4.00%  | 0.105% |
| 286    | 17.122 | 17.109 | 17.149 | HH | 111800 | 2663212  | 2.91%  | 0.076% |
| 287    | 17.158 | 17.149 | 17.186 | HH | 108746 | 2348282  | 2.57%  | 0.067% |
| 288    | 17.197 | 17.186 | 17.218 | HH | 107540 | 2104173  | 2.30%  | 0.060% |
| 289    | 17.232 | 17.218 | 17.269 | HH | 109074 | 3227466  | 3.53%  | 0.093% |
| 290    | 17.278 | 17.269 | 17.290 | HH | 102518 | 1282562  | 1.40%  | 0.037% |
| 291    | 17.316 | 17.290 | 17.388 | HH | 112076 | 6007393  | 6.57%  | 0.172% |
| 292    | 17.400 | 17.388 | 17.420 | HH | 97209  | 1806460  | 1.98%  | 0.052% |
| 293    | 17.431 | 17.420 | 17.498 | HH | 95534  | 4409432  | 4.82%  | 0.126% |
| 294    | 17.515 | 17.498 | 17.578 | HH | 91704  | 4306441  | 4.71%  | 0.123% |
| 295    | 17.588 | 17.578 | 17.633 | HH | 89210  | 2894676  | 3.17%  | 0.083% |
| 296    | 17.641 | 17.633 | 17.658 | HH | 86181  | 1315249  | 1.44%  | 0.038% |
| 297    | 17.678 | 17.658 | 17.718 | HH | 85478  | 3000161  | 3.28%  | 0.086% |
| 298    | 17.753 | 17.718 | 17.820 | HH | 94589  | 5203338  | 5.69%  | 0.149% |
| 299    | 17.845 | 17.820 | 17.875 | HH | 83897  | 2661186  | 2.91%  | 0.076% |

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| rteres |        |        |        |    |        |         |       |        |
|--------|--------|--------|--------|----|--------|---------|-------|--------|
| 300    | 17.910 | 17.875 | 17.935 | HH | 78686  | 2759198 | 3.02% | 0.079% |
| 301    | 17.952 | 17.935 | 17.974 | HH | 78387  | 1816180 | 1.99% | 0.052% |
| 302    | 17.992 | 17.974 | 18.041 | HH | 79099  | 3071546 | 3.36% | 0.088% |
| 303    | 18.112 | 18.041 | 18.154 | HH | 109394 | 5490811 | 6.01% | 0.157% |
| 304    | 18.177 | 18.154 | 18.259 | HH | 85837  | 4600766 | 5.03% | 0.132% |
| 305    | 18.276 | 18.259 | 18.298 | HH | 68370  | 1595672 | 1.75% | 0.046% |
| 306    | 18.307 | 18.298 | 18.347 | HH | 67672  | 1958891 | 2.14% | 0.056% |
| 307    | 18.361 | 18.347 | 18.408 | HH | 66556  | 2391865 | 2.62% | 0.069% |
| 308    | 18.443 | 18.408 | 18.459 | HH | 65101  | 1962346 | 2.15% | 0.056% |
| 309    | 18.471 | 18.459 | 18.508 | HH | 64966  | 1899442 | 2.08% | 0.054% |
| 310    | 18.526 | 18.508 | 18.548 | HH | 64307  | 1522351 | 1.66% | 0.044% |
| 311    | 18.579 | 18.548 | 18.628 | HH | 74251  | 3155354 | 3.45% | 0.090% |
| 312    | 18.637 | 18.628 | 18.648 | HH | 62068  | 775180  | 0.85% | 0.022% |
| 313    | 18.684 | 18.648 | 18.727 | HH | 64928  | 2967109 | 3.25% | 0.085% |
| 314    | 18.745 | 18.727 | 18.799 | HH | 61891  | 2606405 | 2.85% | 0.075% |
| 315    | 18.807 | 18.799 | 18.818 | HH | 60058  | 679741  | 0.74% | 0.019% |
| 316    | 18.828 | 18.818 | 18.844 | HH | 60405  | 937035  | 1.02% | 0.027% |
| 317    | 18.871 | 18.844 | 18.885 | HH | 60718  | 1502295 | 1.64% | 0.043% |
| 318    | 18.937 | 18.885 | 18.962 | HH | 76237  | 3041373 | 3.33% | 0.087% |
| 319    | 18.983 | 18.962 | 19.050 | HH | 67880  | 3323680 | 3.64% | 0.095% |
| 320    | 19.065 | 19.050 | 19.094 | HH | 60485  | 1602999 | 1.75% | 0.046% |
| 321    | 19.120 | 19.094 | 19.163 | HH | 60680  | 2480127 | 2.71% | 0.071% |
| 322    | 19.177 | 19.163 | 19.200 | HH | 59948  | 1317243 | 1.44% | 0.038% |
| 323    | 19.208 | 19.200 | 19.226 | HH | 59524  | 923902  | 1.01% | 0.026% |
| 324    | 19.236 | 19.226 | 19.253 | HH | 59559  | 957969  | 1.05% | 0.027% |
| 325    | 19.281 | 19.253 | 19.295 | HH | 60839  | 1530626 | 1.67% | 0.044% |
| 326    | 19.365 | 19.295 | 19.393 | HH | 66052  | 3652707 | 3.99% | 0.105% |
| 327    | 19.401 | 19.393 | 19.414 | HH | 61335  | 804966  | 0.88% | 0.023% |
| 328    | 19.437 | 19.414 | 19.455 | HH | 63230  | 1523707 | 1.67% | 0.044% |
| 329    | 19.478 | 19.455 | 19.507 | HH | 63727  | 1947689 | 2.13% | 0.056% |
| 330    | 19.549 | 19.507 | 19.575 | HH | 66546  | 2616695 | 2.86% | 0.075% |
| 331    | 19.583 | 19.575 | 19.592 | HH | 63024  | 638154  | 0.70% | 0.018% |
| 332    | 19.609 | 19.592 | 19.625 | HH | 63291  | 1251124 | 1.37% | 0.036% |
| 333    | 19.652 | 19.625 | 19.664 | HH | 64632  | 1482264 | 1.62% | 0.042% |
| 334    | 19.737 | 19.664 | 19.762 | HH | 72539  | 3967854 | 4.34% | 0.114% |
| 335    | 19.771 | 19.762 | 19.795 | HH | 66720  | 1306786 | 1.43% | 0.037% |
| 336    | 19.889 | 19.795 | 19.901 | HH | 69070  | 4296759 | 4.70% | 0.123% |
| 337    | 20.005 | 19.901 | 20.045 | HH | 72564  | 6113872 | 6.69% | 0.175% |
| 338    | 20.065 | 20.045 | 20.074 | HH | 72877  | 1228727 | 1.34% | 0.035% |
| 339    | 20.107 | 20.074 | 20.130 | HH | 76539  | 2519434 | 2.76% | 0.072% |
| 340    | 20.193 | 20.130 | 20.201 | HH | 76721  | 3231478 | 3.53% | 0.093% |
| 341    | 20.229 | 20.201 | 20.237 | HH | 77593  | 1668453 | 1.82% | 0.048% |
| 342    | 20.279 | 20.237 | 20.295 | HH | 80104  | 2744892 | 3.00% | 0.079% |
| 343    | 20.421 | 20.295 | 20.431 | HH | 83099  | 6668104 | 7.29% | 0.191% |
| 344    | 20.462 | 20.431 | 20.495 | HH | 85146  | 3229541 | 3.53% | 0.093% |
| 345    | 20.509 | 20.495 | 20.527 | HH | 83853  | 1589977 | 1.74% | 0.046% |
| 346    | 20.626 | 20.527 | 20.638 | HH | 86270  | 5654141 | 6.18% | 0.162% |
| 347    | 20.648 | 20.638 | 20.708 | HH | 85966  | 3576644 | 3.91% | 0.103% |
| 348    | 20.716 | 20.708 | 20.778 | HH | 84745  | 3538726 | 3.87% | 0.101% |
| 349    | 20.843 | 20.778 | 20.881 | HH | 84546  | 5162612 | 5.65% | 0.148% |
| 350    | 20.896 | 20.881 | 20.945 | HH | 83284  | 3189627 | 3.49% | 0.091% |
| 351    | 20.967 | 20.945 | 20.978 | HH | 82592  | 1608134 | 1.76% | 0.046% |

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| rteres |        |        |        |     |       |         |       |        |  |
|--------|--------|--------|--------|-----|-------|---------|-------|--------|--|
| 352    | 20.995 | 20.978 | 21.018 | HH  | 82776 | 2008628 | 2.20% | 0.058% |  |
| 353    | 21.037 | 21.018 | 21.050 | HH  | 82539 | 1591624 | 1.74% | 0.046% |  |
| 354    | 21.060 | 21.050 | 21.137 | HH  | 82366 | 4269642 | 4.67% | 0.122% |  |
| 355    | 21.149 | 21.137 | 21.156 | HH  | 81352 | 890781  | 0.97% | 0.026% |  |
| 356    | 21.161 | 21.156 | 21.171 | HH  | 81326 | 739988  | 0.81% | 0.021% |  |
| 357    | 21.185 | 21.171 | 21.210 | HH  | 81502 | 1926079 | 2.11% | 0.055% |  |
| 358    | 21.228 | 21.210 | 21.237 | HH  | 81276 | 1307667 | 1.43% | 0.037% |  |
| 359    | 21.280 | 21.237 | 21.382 | HH  | 82017 | 7048758 | 7.71% | 0.202% |  |
| 360    | 21.399 | 21.382 | 21.471 | HH  | 81079 | 4322808 | 4.73% | 0.124% |  |
| 361    | 21.490 | 21.471 | 21.517 | HH  | 80671 | 2220412 | 2.43% | 0.064% |  |
| 362    | 21.533 | 21.517 | 21.545 | HH  | 80954 | 1357391 | 1.48% | 0.039% |  |
| 363    | 21.549 | 21.545 | 21.559 | HH  | 80949 | 650904  | 0.71% | 0.019% |  |
| 364    | 21.571 | 21.559 | 21.611 | HH  | 80947 | 2526949 | 2.76% | 0.072% |  |
| 365    | 21.623 | 21.611 | 21.629 | HH  | 80960 | 867881  | 0.95% | 0.025% |  |
| 366    | 21.635 | 21.629 | 21.645 | HH  | 80958 | 784230  | 0.86% | 0.022% |  |
| 367    | 21.655 | 21.645 | 21.662 | HH  | 81012 | 861923  | 0.94% | 0.025% |  |
| 368    | 21.669 | 21.662 | 21.681 | HH  | 80986 | 903226  | 0.99% | 0.026% |  |
| 369    | 21.769 | 21.681 | 21.812 | HH  | 82071 | 6390233 | 6.99% | 0.183% |  |
| 370    | 21.821 | 21.812 | 21.862 | HHA | 81561 | 2517040 | 2.75% | 0.072% |  |

Sum of corrected areas: 3488535055

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