

Instrument :  
FID\_G  
ClientSampleId :

rteres.txt

Area Percent Report

Manual Integrations  
APPROVED

Sohil  
7/16/2018 1:37:28 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG071318\  
Data File : FG001662.D  
Signal(s) : FID1A.ch  
Acq On : 13 Jul 2018 15:21  
Sample : J3948-05  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG070218.M  
Title :

Signal : FID1A.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         | 2.180       | 2.135        | 2.196      | BH       | 1517           | -4030        | -0.00%         | -0.000%       |
| 2         | 2.205       | 2.196        | 2.213      | PH       | -524           | -6877        | -0.01%         | -0.000%       |
| 3         | 2.226       | 2.213        | 2.285      | PH       | -524           | -40527       | -0.05%         | -0.002%       |
| 4         | 2.316       | 2.285        | 2.341      | PH       | 2986           | 18012        | 0.02%          | 0.001%        |
| 5         | 2.357       | 2.341        | 2.373      | PH       | 537            | 1124         | 0.00%          | 0.000%        |
| 6         | 2.381       | 2.373        | 2.394      | PH       | -121           | -5463        | -0.01%         | -0.000%       |
| 7         | 2.420       | 2.394        | 2.431      | PH       | 1688           | 9757         | 0.01%          | 0.000%        |
| 8         | 2.444       | 2.431        | 2.483      | HH       | 1829           | 11599        | 0.01%          | 0.000%        |
| 9         | 2.510       | 2.483        | 2.525      | PH       | 1521           | 14019        | 0.02%          | 0.001%        |
| 10        | 2.542       | 2.525        | 2.571      | HH       | 6451           | 63281        | 0.08%          | 0.002%        |
| 11        | 2.584       | 2.571        | 2.604      | PH       | 293            | -3822        | -0.00%         | -0.000%       |
| 12        | 2.627       | 2.604        | 2.694      | PH       | 188808         | 1582605      | 1.96%          | 0.059%        |
| 13        | 2.728       | 2.694        | 2.769      | PH       | 19393          | 273114       | 0.34%          | 0.010%        |
| 14        | 2.787       | 2.769        | 2.805      | HH       | 3309           | 34087        | 0.04%          | 0.001%        |
| 15        | 2.833       | 2.805        | 2.852      | HH       | 4090           | 55566        | 0.07%          | 0.002%        |
| 16        | 2.868       | 2.852        | 2.877      | HH       | 2309           | 24538        | 0.03%          | 0.001%        |
| 17        | 2.896       | 2.877        | 2.925      | HH       | 76561          | 747893       | 0.92%          | 0.028%        |
| 18        | 2.941       | 2.925        | 2.989      | HH       | 32766          | 351263       | 0.43%          | 0.013%        |
| 19        | 3.018       | 2.989        | 3.041      | HH       | 2043           | 49293        | 0.06%          | 0.002%        |
| 20        | 3.061       | 3.041        | 3.112      | HH       | 3670           | 102360       | 0.13%          | 0.004%        |
| 21        | 3.122       | 3.112        | 3.151      | HH       | 1437           | 22165        | 0.03%          | 0.001%        |
| 22        | 3.203       | 3.151        | 3.264      | HH       | 8236           | 180970       | 0.22%          | 0.007%        |
| 23        | 3.289       | 3.264        | 3.330      | PH       | 36049          | 326193       | 0.40%          | 0.012%        |
| 24        | 3.345       | 3.330        | 3.373      | HH       | 889            | 15156        | 0.02%          | 0.001%        |
| 25        | 3.396       | 3.373        | 3.412      | HH       | 1574           | 23162        | 0.03%          | 0.001%        |
| 26        | 3.430       | 3.412        | 3.466      | HH       | 12328          | 157846       | 0.20%          | 0.006%        |
| 27        | 3.487       | 3.466        | 3.524      | HH       | 2880           | 74148        | 0.09%          | 0.003%        |
| 28        | 3.543       | 3.524        | 3.555      | HH       | 1926           | 25435        | 0.03%          | 0.001%        |
| 29        | 3.572       | 3.555        | 3.581      | HH       | 4092           | 43598        | 0.05%          | 0.002%        |
| 30        | 3.600       | 3.581        | 3.623      | HH       | 20959          | 217899       | 0.27%          | 0.008%        |
| 31        | 3.630       | 3.623        | 3.650      | HH       | 2061           | 25304        | 0.03%          | 0.001%        |
| 32        | 3.703       | 3.650        | 3.737      | HH       | 36862          | 488569       | 0.60%          | 0.018%        |
| 33        | 3.766       | 3.737        | 3.818      | HH       | 27929          | 322331       | 0.40%          | 0.012%        |
| 34        | 3.861       | 3.818        | 3.936      | HH       | 112271         | 1300706      | 1.61%          | 0.049%        |
| 35        | 3.971       | 3.936        | 3.981      | HH       | 8519           | 127716       | 0.16%          | 0.005%        |
| 36        | 4.019       | 3.981        | 4.137      | HH       | 241419         | 3097003      | 3.83%          | 0.116%        |

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|------------|-------|-------|-------|----|---------|----------|--------|--------|
| 37         | 4.187 | 4.137 | 4.201 | HH | 7062    | 146992   | 0.18%  | 0.005% |
| 38         | 4.225 | 4.201 | 4.244 | HH | 8867    | 152619   | 0.19%  | 0.006% |
| 39         | 4.262 | 4.244 | 4.277 | HH | 8724    | 102638   | 0.13%  | 0.004% |
| 40         | 4.297 | 4.277 | 4.313 | HH | 75088   | 719499   | 0.89%  | 0.027% |
| 41         | 4.327 | 4.313 | 4.346 | HH | 57924   | 617936   | 0.76%  | 0.023% |
| 42         | 4.358 | 4.346 | 4.376 | HH | 14800   | 177234   | 0.22%  | 0.007% |
| 43         | 4.401 | 4.376 | 4.440 | HH | 647713  | 5884496  | 7.28%  | 0.220% |
| 44         | 4.465 | 4.440 | 4.527 | HH | 130709  | 1451913  | 1.80%  | 0.054% |
| 45         | 4.543 | 4.527 | 4.575 | HH | 9056    | 154368   | 0.19%  | 0.006% |
| 46         | 4.608 | 4.575 | 4.650 | HH | 233425  | 2485254  | 3.07%  | 0.093% |
| 47         | 4.670 | 4.650 | 4.691 | HH | 111918  | 1173815  | 1.45%  | 0.044% |
| 48         | 4.709 | 4.691 | 4.743 | HH | 84127   | 916218   | 1.13%  | 0.034% |
| 49         | 4.784 | 4.743 | 4.805 | HH | 17914   | 264989   | 0.33%  | 0.010% |
| 50         | 4.853 | 4.805 | 4.872 | HH | 14114   | 291494   | 0.36%  | 0.011% |
| 51         | 4.909 | 4.872 | 4.927 | HH | 91700   | 1489120  | 1.84%  | 0.056% |
| 52         | 4.945 | 4.927 | 4.957 | HH | 156490  | 1498160  | 1.85%  | 0.056% |
| 53         | 4.971 | 4.957 | 5.011 | HH | 250648  | 2532106  | 3.13%  | 0.095% |
| 54         | 5.025 | 5.011 | 5.041 | HH | 13054   | 161395   | 0.20%  | 0.006% |
| 55         | 5.075 | 5.041 | 5.099 | HH | 55105   | 968770   | 1.20%  | 0.036% |
| 56         | 5.114 | 5.099 | 5.142 | HH | 31220   | 403272   | 0.50%  | 0.015% |
| 57         | 5.181 | 5.142 | 5.199 | HH | 41651   | 752765   | 0.93%  | 0.028% |
| 58         | 5.212 | 5.199 | 5.227 | HH | 18142   | 213046   | 0.26%  | 0.008% |
| 59         | 5.241 | 5.227 | 5.269 | HH | 14301   | 247367   | 0.31%  | 0.009% |
| 60         | 5.295 | 5.269 | 5.310 | HH | 112526  | 1330228  | 1.64%  | 0.050% |
| 61         | 5.324 | 5.310 | 5.379 | HH | 123396  | 1551057  | 1.92%  | 0.058% |
| 62         | 5.401 | 5.379 | 5.444 | HH | 40051   | 725176   | 0.90%  | 0.027% |
| 63         | 5.477 | 5.444 | 5.521 | HH | 351319  | 3831611  | 4.74%  | 0.143% |
| 64         | 5.546 | 5.521 | 5.554 | HH | 157999  | 1741635  | 2.15%  | 0.065% |
| 65         | 5.588 | 5.554 | 5.643 | HH | 372034  | 10187375 | 12.60% | 0.380% |
| 66         | 5.664 | 5.643 | 5.691 | HH | 77745   | 1077112  | 1.33%  | 0.040% |
| 67         | 5.707 | 5.691 | 5.729 | HH | 13332   | 268051   | 0.33%  | 0.010% |
| 68         | 5.752 | 5.729 | 5.771 | HH | 29216   | 449514   | 0.56%  | 0.017% |
| 69         | 5.804 | 5.771 | 5.813 | HH | 41233   | 607609   | 0.75%  | 0.023% |
| 70         | 5.839 | 5.813 | 5.860 | HH | 1504974 | 14648173 | 18.11% | 0.547% |
| 71         | 5.881 | 5.860 | 5.915 | HH | 57152   | 1230154  | 1.52%  | 0.046% |
| 72         | 5.934 | 5.915 | 5.949 | HH | 57588   | 774012   | 0.96%  | 0.029% |
| 73         | 5.967 | 5.949 | 5.999 | HH | 133970  | 1678262  | 2.08%  | 0.063% |
| 74         | 6.022 | 5.999 | 6.039 | HH | 41945   | 664583   | 0.82%  | 0.025% |
| 75         | 6.055 | 6.039 | 6.065 | HH | 44949   | 508292   | 0.63%  | 0.019% |
| 76         | 6.074 | 6.065 | 6.084 | HH | 39265   | 398068   | 0.49%  | 0.015% |
| 77         | 6.096 | 6.084 | 6.158 | HH | 38738   | 969943   | 1.20%  | 0.036% |
| 78         | 6.196 | 6.158 | 6.206 | HH | 43504   | 716212   | 0.89%  | 0.027% |
| 79         | 6.220 | 6.206 | 6.255 | HH | 60611   | 1048859  | 1.30%  | 0.039% |
| 80         | 6.277 | 6.255 | 6.314 | HH | 73508   | 1249184  | 1.54%  | 0.047% |
| 81         | 6.334 | 6.314 | 6.361 | HH | 55280   | 941753   | 1.16%  | 0.035% |
| 82         | 6.382 | 6.361 | 6.398 | HH | 118105  | 1541835  | 1.91%  | 0.058% |
| 83         | 6.407 | 6.398 | 6.431 | HH | 63016   | 915126   | 1.13%  | 0.034% |
| 84         | 6.466 | 6.431 | 6.503 | HH | 162652  | 2995975  | 3.70%  | 0.112% |
| 85         | 6.532 | 6.503 | 6.564 | HH | 82529   | 1576649  | 1.95%  | 0.059% |
| 86         | 6.588 | 6.564 | 6.604 | HH | 247183  | 3168108  | 3.92%  | 0.118% |
| 87         | 6.614 | 6.604 | 6.635 | HH | 146926  | 2341894  | 2.90%  | 0.087% |
| 88         | 6.668 | 6.635 | 6.685 | HH | 187758  | 3672056  | 4.54%  | 0.137% |
| 89         | 6.705 | 6.685 | 6.735 | HH | 118151  | 2217279  | 2.74%  | 0.083% |

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|------------|-------|-------|-------|----|---------|----------|--------|--------|
| 90         | 6.795 | 6.735 | 6.811 | HH | 113553  | 2667085  | 3.30%  | 0.100% |
| 91         | 6.846 | 6.811 | 6.857 | HH | 88494   | 2292331  | 2.83%  | 0.086% |
| 92         | 6.891 | 6.857 | 6.952 | HH | 270927  | 5779479  | 7.15%  | 0.216% |
| 93         | 6.984 | 6.952 | 7.000 | HH | 82509   | 1501395  | 1.86%  | 0.056% |
| 94         | 7.045 | 7.000 | 7.110 | HH | 3454365 | 47508916 | 58.75% | 1.774% |
| 95         | 7.145 | 7.110 | 7.157 | HH | 49432   | 1150997  | 1.42%  | 0.043% |
| 96         | 7.199 | 7.157 | 7.220 | HH | 57125   | 1770286  | 2.19%  | 0.066% |
| 97         | 7.251 | 7.220 | 7.302 | HH | 55941   | 1938247  | 2.40%  | 0.072% |
| 98         | 7.319 | 7.302 | 7.337 | HH | 42831   | 744329   | 0.92%  | 0.028% |
| 99         | 7.360 | 7.337 | 7.382 | HH | 71402   | 1361665  | 1.68%  | 0.051% |
| 100        | 7.395 | 7.382 | 7.404 | HH | 46330   | 586472   | 0.73%  | 0.022% |
| 101        | 7.419 | 7.404 | 7.448 | HH | 60369   | 1256992  | 1.55%  | 0.047% |
| 102        | 7.477 | 7.448 | 7.515 | HH | 54244   | 1741135  | 2.15%  | 0.065% |
| 103        | 7.541 | 7.515 | 7.568 | HH | 52546   | 1358890  | 1.68%  | 0.051% |
| 104        | 7.620 | 7.568 | 7.693 | HH | 1234398 | 16359784 | 20.23% | 0.611% |
| 105        | 7.723 | 7.693 | 7.740 | HH | 60145   | 1486163  | 1.84%  | 0.055% |
| 106        | 7.776 | 7.740 | 7.806 | HH | 997318  | 14260759 | 17.63% | 0.532% |
| 107        | 7.819 | 7.806 | 7.845 | HH | 135134  | 2438159  | 3.02%  | 0.091% |
| 108        | 7.891 | 7.845 | 7.958 | HH | 790830  | 17701564 | 21.89% | 0.661% |
| 109        | 7.999 | 7.958 | 8.037 | HH | 1631026 | 28694764 | 35.48% | 1.071% |
| 110        | 8.047 | 8.037 | 8.089 | HH | 356223  | 5173023  | 6.40%  | 0.193% |
| 111        | 8.177 | 8.089 | 8.209 | HH | 1064655 | 25896313 | 32.02% | 0.967% |
| 112        | 8.225 | 8.209 | 8.239 | HH | 73526   | 1180542  | 1.46%  | 0.044% |
| 113        | 8.263 | 8.239 | 8.289 | HH | 474201  | 5880549  | 7.27%  | 0.220% |
| 114        | 8.309 | 8.289 | 8.332 | HH | 131823  | 2140467  | 2.65%  | 0.080% |
| 115        | 8.342 | 8.332 | 8.371 | HH | 57028   | 1175806  | 1.45%  | 0.044% |
| 116        | 8.498 | 8.371 | 8.549 | HH | 4108663 | 78861615 | 97.52% | 2.944% |
| 117        | 8.583 | 8.549 | 8.641 | HH | 248144  | 6202948  | 7.67%  | 0.232% |
| 118        | 8.657 | 8.641 | 8.678 | HH | 112305  | 1840497  | 2.28%  | 0.069% |
| 119        | 8.706 | 8.678 | 8.725 | HH | 460354  | 6045689  | 7.48%  | 0.226% |
| 120        | 8.740 | 8.725 | 8.760 | HH | 279111  | 3558101  | 4.40%  | 0.133% |
| 121        | 8.780 | 8.760 | 8.804 | HH | 217037  | 3360968  | 4.16%  | 0.125% |
| 122        | 8.832 | 8.804 | 8.857 | HH | 302129  | 4999152  | 6.18%  | 0.187% |
| 123        | 8.877 | 8.857 | 8.896 | HH | 310163  | 4170415  | 5.16%  | 0.156% |
| 124        | 8.918 | 8.896 | 8.953 | HH | 346364  | 5974072  | 7.39%  | 0.223% |
| 125        | 8.977 | 8.953 | 9.006 | HH | 246417  | 4554078  | 5.63%  | 0.170% |
| 126        | 9.033 | 9.006 | 9.051 | HH | 367645  | 5511500  | 6.82%  | 0.206% |
| 127        | 9.069 | 9.051 | 9.090 | HH | 388385  | 5126289  | 6.34%  | 0.191% |
| 128        | 9.121 | 9.090 | 9.142 | HH | 976467  | 12444313 | 15.39% | 0.465% |
| 129        | 9.173 | 9.142 | 9.191 | HH | 263704  | 5014326  | 6.20%  | 0.187% |
| 130        | 9.214 | 9.191 | 9.232 | HH | 699137  | 8735977  | 10.80% | 0.326% |
| 131        | 9.268 | 9.232 | 9.310 | HH | 2066795 | 33961941 | 42.00% | 1.268% |
| 132        | 9.333 | 9.310 | 9.349 | HH | 355113  | 4911864  | 6.07%  | 0.183% |
| 133        | 9.400 | 9.349 | 9.421 | HH | 597495  | 12862476 | 15.91% | 0.480% |
| 134        | 9.434 | 9.421 | 9.444 | HH | 225425  | 2615185  | 3.23%  | 0.098% |
| 135        | 9.463 | 9.444 | 9.488 | HH | 599822  | 8344646  | 10.32% | 0.312% |
| 136        | 9.513 | 9.488 | 9.536 | HH | 454708  | 6419970  | 7.94%  | 0.240% |
| 137        | 9.566 | 9.536 | 9.599 | HH | 818947  | 11618109 | 14.37% | 0.434% |
| 138        | 9.626 | 9.599 | 9.645 | HH | 199204  | 4009360  | 4.96%  | 0.150% |
| 139        | 9.672 | 9.645 | 9.686 | HH | 192048  | 3810985  | 4.71%  | 0.142% |
| 140        | 9.698 | 9.686 | 9.717 | HH | 193170  | 2783380  | 3.44%  | 0.104% |
| 141        | 9.765 | 9.717 | 9.794 | HH | 137796  | 5500561  | 6.80%  | 0.205% |

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|------------|--------|--------|--------|----|---------|----------|--------|--------|
| 142        | 9.805  | 9.794  | 9.813  | HH | 95753   | 1094265  | 1.35%  | 0.041% |
| 143        | 9.841  | 9.813  | 9.857  | HH | 179889  | 3642354  | 4.50%  | 0.136% |
| 144        | 9.870  | 9.857  | 9.894  | HH | 177900  | 2916085  | 3.61%  | 0.109% |
| 145        | 9.912  | 9.894  | 9.924  | HH | 121048  | 1889609  | 2.34%  | 0.071% |
| 146        | 9.944  | 9.924  | 9.970  | HH | 171500  | 3710293  | 4.59%  | 0.139% |
| 147        | 9.999  | 9.970  | 10.029 | HH | 267849  | 6181324  | 7.64%  | 0.231% |
| 148        | 10.061 | 10.029 | 10.076 | HH | 212270  | 4651662  | 5.75%  | 0.174% |
| 149        | 10.137 | 10.076 | 10.158 | HH | 719413  | 17288157 | 21.38% | 0.645% |
| 150        | 10.178 | 10.158 | 10.211 | HH | 582387  | 9482747  | 11.73% | 0.354% |
| 151        | 10.253 | 10.211 | 10.281 | HH | 546572  | 12144671 | 15.02% | 0.453% |
| 152        | 10.303 | 10.281 | 10.325 | HH | 272350  | 5657885  | 7.00%  | 0.211% |
| 153        | 10.341 | 10.325 | 10.357 | HH | 195536  | 3545418  | 4.38%  | 0.132% |
| 154        | 10.420 | 10.357 | 10.437 | HH | 402351  | 11624303 | 14.37% | 0.434% |
| 155        | 10.456 | 10.437 | 10.473 | HH | 361114  | 5854233  | 7.24%  | 0.219% |
| 156        | 10.488 | 10.473 | 10.511 | HH | 263142  | 4964701  | 6.14%  | 0.185% |
| 157        | 10.540 | 10.511 | 10.582 | HH | 222509  | 7485660  | 9.26%  | 0.279% |
| 158        | 10.615 | 10.582 | 10.625 | HH | 170827  | 3895639  | 4.82%  | 0.145% |
| 159        | 10.692 | 10.625 | 10.712 | HH | 3806430 | 80597165 | 99.67% | 3.009% |
| 160        | 10.758 | 10.712 | 10.778 | HH | 2394268 | 36191250 | 44.75% | 1.351% |
| 161        | 10.797 | 10.778 | 10.814 | HH | 188637  | 3740314  | 4.63%  | 0.140% |
| 162        | 10.826 | 10.814 | 10.852 | HH | 179298  | 3543026  | 4.38%  | 0.132% |
| 163        | 10.869 | 10.852 | 10.895 | HH | 175761  | 3963610  | 4.90%  | 0.148% |
| 164        | 10.911 | 10.895 | 10.933 | HH | 159869  | 3260407  | 4.03%  | 0.122% |
| 165        | 10.967 | 10.933 | 10.988 | HH | 302515  | 7052496  | 8.72%  | 0.263% |
| 166        | 11.020 | 10.988 | 11.030 | HH | 239012  | 5524199  | 6.83%  | 0.206% |
| 167        | 11.050 | 11.030 | 11.070 | HH | 296900  | 5944331  | 7.35%  | 0.222% |
| 168        | 11.083 | 11.070 | 11.098 | HH | 234823  | 3431170  | 4.24%  | 0.128% |
| 169        | 11.146 | 11.098 | 11.164 | HH | 340046  | 9837411  | 12.16% | 0.367% |
| 170        | 11.192 | 11.164 | 11.232 | HH | 484329  | 12507686 | 15.47% | 0.467% |
| 171        | 11.253 | 11.232 | 11.277 | HH | 292607  | 6015548  | 7.44%  | 0.225% |
| 172        | 11.309 | 11.277 | 11.338 | HH | 294954  | 8304923  | 10.27% | 0.310% |
| 173        | 11.360 | 11.338 | 11.384 | HH | 193940  | 4925674  | 6.09%  | 0.184% |
| 174        | 11.469 | 11.384 | 11.485 | HH | 1047892 | 23924702 | 29.59% | 0.893% |
| 175        | 11.504 | 11.485 | 11.530 | HH | 1316703 | 18442257 | 22.81% | 0.689% |
| 176        | 11.593 | 11.530 | 11.607 | HH | 1437489 | 32578035 | 40.29% | 1.216% |
| 177        | 11.623 | 11.607 | 11.637 | HH | 1072665 | 14697057 | 18.17% | 0.549% |
| 178        | 11.656 | 11.637 | 11.689 | HH | 1313787 | 18898755 | 23.37% | 0.706% |
| 179        | 11.720 | 11.689 | 11.738 | HH | 299361  | 5959997  | 7.37%  | 0.223% |
| 180        | 11.759 | 11.738 | 11.784 | HH | 262720  | 6097562  | 7.54%  | 0.228% |
| 181        | 11.800 | 11.784 | 11.815 | HH | 206552  | 3584314  | 4.43%  | 0.134% |
| 182        | 11.849 | 11.815 | 11.892 | HH | 361071  | 11244333 | 13.90% | 0.420% |
| 183        | 11.937 | 11.892 | 11.958 | HH | 800797  | 14883141 | 18.40% | 0.556% |
| 184        | 11.968 | 11.958 | 11.982 | HH | 258017  | 3364921  | 4.16%  | 0.126% |
| 185        | 11.995 | 11.982 | 12.015 | HH | 247031  | 4597663  | 5.69%  | 0.172% |
| 186        | 12.052 | 12.015 | 12.064 | HH | 296410  | 7044614  | 8.71%  | 0.263% |
| 187        | 12.076 | 12.064 | 12.097 | HH | 293742  | 4885808  | 6.04%  | 0.182% |
| 188        | 12.109 | 12.097 | 12.124 | HH | 193639  | 3041807  | 3.76%  | 0.114% |
| 189        | 12.181 | 12.124 | 12.194 | HH | 376230  | 10345334 | 12.79% | 0.386% |
| 190        | 12.204 | 12.194 | 12.229 | HH | 344622  | 5785617  | 7.15%  | 0.216% |
| 191        | 12.253 | 12.229 | 12.295 | HH | 486271  | 12437330 | 15.38% | 0.464% |
| 192        | 12.328 | 12.295 | 12.339 | HH | 374665  | 7811011  | 9.66%  | 0.292% |
| 193        | 12.376 | 12.339 | 12.398 | HH | 1132026 | 25870743 | 31.99% | 0.966% |
| 194        | 12.414 | 12.398 | 12.462 | HH | 659270  | 19694587 | 24.35% | 0.735% |

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|------------|--------|--------|--------|----|---------|----------|---------|--------|
| 195        | 12.517 | 12.462 | 12.548 | HH | 2869121 | 62994504 | 77.90%  | 2.352% |
| 196        | 12.588 | 12.548 | 12.597 | HH | 239139  | 5801801  | 7.17%   | 0.217% |
| 197        | 12.635 | 12.597 | 12.695 | HH | 1357258 | 30194308 | 37.34%  | 1.127% |
| 198        | 12.741 | 12.695 | 12.758 | HH | 465639  | 13440690 | 16.62%  | 0.502% |
| 199        | 12.824 | 12.758 | 12.862 | HH | 3246452 | 80867031 | 100.00% | 3.019% |
| 200        | 12.883 | 12.862 | 12.902 | HH | 341484  | 6713310  | 8.30%   | 0.251% |
| 201        | 12.919 | 12.902 | 12.932 | HH | 255046  | 4247846  | 5.25%   | 0.159% |
| 202        | 12.949 | 12.932 | 12.970 | HH | 291365  | 5572059  | 6.89%   | 0.208% |
| 203        | 12.984 | 12.970 | 13.002 | HH | 222521  | 3974175  | 4.91%   | 0.148% |
| 204        | 13.014 | 13.002 | 13.029 | HH | 200154  | 3116374  | 3.85%   | 0.116% |
| 205        | 13.066 | 13.029 | 13.092 | HH | 361140  | 10943829 | 13.53%  | 0.409% |
| 206        | 13.115 | 13.092 | 13.153 | HH | 481297  | 11225469 | 13.88%  | 0.419% |
| 207        | 13.179 | 13.153 | 13.193 | HH | 398548  | 7290075  | 9.01%   | 0.272% |
| 208        | 13.209 | 13.193 | 13.222 | HH | 393143  | 6378759  | 7.89%   | 0.238% |
| 209        | 13.251 | 13.222 | 13.273 | HH | 893857  | 17183111 | 21.25%  | 0.642% |
| 210        | 13.280 | 13.273 | 13.313 | HH | 316471  | 6107371  | 7.55%   | 0.228% |
| 211        | 13.392 | 13.313 | 13.432 | HH | 1313879 | 41411303 | 51.21%  | 1.546% |
| 212        | 13.450 | 13.432 | 13.463 | HH | 323277  | 5416571  | 6.70%   | 0.202% |
| 213        | 13.494 | 13.463 | 13.513 | HH | 923952  | 17859601 | 22.09%  | 0.667% |
| 214        | 13.536 | 13.513 | 13.577 | HH | 1073109 | 19835963 | 24.53%  | 0.741% |
| 215        | 13.612 | 13.577 | 13.631 | HH | 628238  | 13317972 | 16.47%  | 0.497% |
| 216        | 13.664 | 13.631 | 13.681 | HH | 980014  | 18508348 | 22.89%  | 0.691% |
| 217        | 13.704 | 13.681 | 13.793 | HH | 995365  | 25314217 | 31.30%  | 0.945% |
| 218        | 13.844 | 13.793 | 13.864 | HH | 260465  | 9010608  | 11.14%  | 0.336% |
| 219        | 13.879 | 13.864 | 13.905 | HH | 214866  | 4808993  | 5.95%   | 0.180% |
| 220        | 13.954 | 13.905 | 13.975 | HH | 282740  | 9163866  | 11.33%  | 0.342% |
| 221        | 14.005 | 13.975 | 14.022 | HH | 246181  | 6349204  | 7.85%   | 0.237% |
| 222        | 14.082 | 14.022 | 14.135 | HH | 488590  | 21983536 | 27.18%  | 0.821% |
| 223        | 14.195 | 14.135 | 14.268 | HH | 415405  | 25195884 | 31.16%  | 0.941% |
| 224        | 14.359 | 14.268 | 14.397 | HH | 969867  | 36616316 | 45.28%  | 1.367% |
| 225        | 14.410 | 14.397 | 14.445 | HH | 307620  | 7247037  | 8.96%   | 0.271% |
| 226        | 14.473 | 14.445 | 14.495 | HH | 307995  | 7487856  | 9.26%   | 0.280% |
| 227        | 14.527 | 14.495 | 14.587 | HH | 427581  | 14466941 | 17.89%  | 0.540% |
| 228        | 14.623 | 14.587 | 14.641 | HH | 654947  | 12146633 | 15.02%  | 0.454% |
| 229        | 14.687 | 14.641 | 14.705 | HH | 1590905 | 35154722 | 43.47%  | 1.313% |
| 230        | 14.734 | 14.705 | 14.794 | HH | 1872762 | 34914803 | 43.18%  | 1.304% |
| 231        | 14.838 | 14.794 | 14.935 | HH | 761463  | 28420321 | 35.14%  | 1.061% |
| 232        | 14.972 | 14.935 | 14.994 | HH | 292905  | 8001905  | 9.90%   | 0.299% |
| 233        | 15.016 | 14.994 | 15.038 | HH | 284381  | 5982826  | 7.40%   | 0.223% |
| 234        | 15.053 | 15.038 | 15.077 | HH | 200446  | 4510264  | 5.58%   | 0.168% |
| 235        | 15.107 | 15.077 | 15.139 | HH | 374885  | 10408731 | 12.87%  | 0.389% |
| 236        | 15.147 | 15.139 | 15.189 | HH | 239805  | 5846909  | 7.23%   | 0.218% |
| 237        | 15.249 | 15.189 | 15.270 | HH | 253348  | 9660723  | 11.95%  | 0.361% |
| 238        | 15.294 | 15.270 | 15.312 | HH | 337129  | 6877666  | 8.50%   | 0.257% |
| 239        | 15.347 | 15.312 | 15.366 | HH | 977624  | 17785292 | 21.99%  | 0.664% |
| 240        | 15.381 | 15.366 | 15.411 | HH | 495209  | 9443060  | 11.68%  | 0.353% |
| 241        | 15.432 | 15.411 | 15.458 | HH | 423498  | 9385521  | 11.61%  | 0.350% |
| 242        | 15.503 | 15.458 | 15.538 | HH | 751871  | 25187188 | 31.15%  | 0.940% |
| 243        | 15.575 | 15.538 | 15.599 | HH | 344437  | 9176630  | 11.35%  | 0.343% |
| 244        | 15.616 | 15.599 | 15.634 | HH | 225333  | 4079917  | 5.05%   | 0.152% |
| 245        | 15.656 | 15.634 | 15.687 | HH | 295809  | 6585675  | 8.14%   | 0.246% |
| 246        | 15.722 | 15.687 | 15.783 | HH | 259686  | 11597023 | 14.34%  | 0.433% |

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|------------|--------|--------|--------|----|---------|----------|--------|--------|
| 247        | 15.803 | 15.783 | 15.814 | HH | 161279  | 2822952  | 3.49%  | 0.105% |
| 248        | 15.844 | 15.814 | 15.877 | HH | 217792  | 7013083  | 8.67%  | 0.262% |
| 249        | 15.931 | 15.877 | 15.954 | HH | 251268  | 8928532  | 11.04% | 0.333% |
| 250        | 15.970 | 15.954 | 15.991 | HH | 230873  | 4247356  | 5.25%  | 0.159% |
| 251        | 16.035 | 15.991 | 16.062 | HH | 298411  | 9822206  | 12.15% | 0.367% |
| 252        | 16.133 | 16.062 | 16.174 | HH | 302362  | 15861991 | 19.61% | 0.592% |
| 253        | 16.254 | 16.174 | 16.306 | HH | 1369174 | 47337913 | 58.54% | 1.767% |
| 254        | 16.370 | 16.306 | 16.433 | HH | 728450  | 20724962 | 25.63% | 0.774% |
| 255        | 16.571 | 16.433 | 16.599 | HH | 921337  | 35853548 | 44.34% | 1.339% |
| 256        | 16.646 | 16.599 | 16.691 | HH | 1658889 | 39171095 | 48.44% | 1.462% |
| 257        | 16.720 | 16.691 | 16.741 | HH | 538171  | 9393065  | 11.62% | 0.351% |
| 258        | 16.759 | 16.741 | 16.798 | HH | 260107  | 6750062  | 8.35%  | 0.252% |
| 259        | 16.858 | 16.798 | 16.893 | HH | 328034  | 14190197 | 17.55% | 0.530% |
| 260        | 16.912 | 16.893 | 16.935 | HH | 235423  | 5037318  | 6.23%  | 0.188% |
| 261        | 16.986 | 16.935 | 17.050 | HH | 459822  | 21161586 | 26.17% | 0.790% |
| 262        | 17.075 | 17.050 | 17.091 | HH | 250282  | 5236413  | 6.48%  | 0.196% |
| 263        | 17.136 | 17.091 | 17.170 | HH | 390388  | 13771409 | 17.03% | 0.514% |
| 264        | 17.198 | 17.170 | 17.216 | HH | 296558  | 6495682  | 8.03%  | 0.243% |
| 265        | 17.227 | 17.216 | 17.246 | HH | 252007  | 3995129  | 4.94%  | 0.149% |
| 266        | 17.280 | 17.246 | 17.349 | HH | 513836  | 18141907 | 22.43% | 0.677% |
| 267        | 17.392 | 17.349 | 17.427 | HH | 278865  | 9746272  | 12.05% | 0.364% |
| 268        | 17.450 | 17.427 | 17.496 | HH | 186484  | 6371216  | 7.88%  | 0.238% |
| 269        | 17.572 | 17.496 | 17.585 | HH | 215783  | 9470800  | 11.71% | 0.354% |
| 270        | 17.600 | 17.585 | 17.626 | HH | 232795  | 4807900  | 5.95%  | 0.180% |
| 271        | 17.696 | 17.626 | 17.723 | HH | 267785  | 11117813 | 13.75% | 0.415% |
| 272        | 17.751 | 17.723 | 17.791 | HH | 227618  | 7699590  | 9.52%  | 0.287% |
| 273        | 17.829 | 17.791 | 17.860 | HH | 182970  | 7178887  | 8.88%  | 0.268% |
| 274        | 17.896 | 17.860 | 17.918 | HH | 454404  | 10147628 | 12.55% | 0.379% |
| 275        | 17.939 | 17.918 | 17.961 | HH | 297581  | 6428022  | 7.95%  | 0.240% |
| 276        | 18.008 | 17.961 | 18.055 | HH | 865939  | 25756044 | 31.85% | 0.962% |
| 277        | 18.069 | 18.055 | 18.091 | HH | 246288  | 4293130  | 5.31%  | 0.160% |
| 278        | 18.121 | 18.091 | 18.138 | HH | 377208  | 7668441  | 9.48%  | 0.286% |
| 279        | 18.154 | 18.138 | 18.177 | HH | 346955  | 6679666  | 8.26%  | 0.249% |
| 280        | 18.189 | 18.177 | 18.214 | HH | 249318  | 4913248  | 6.08%  | 0.183% |
| 281        | 18.271 | 18.214 | 18.308 | HH | 950127  | 23044982 | 28.50% | 0.860% |
| 282        | 18.334 | 18.308 | 18.348 | HH | 191122  | 4095626  | 5.06%  | 0.153% |
| 283        | 18.393 | 18.348 | 18.415 | HH | 585677  | 13870120 | 17.15% | 0.518% |
| 284        | 18.426 | 18.415 | 18.458 | HH | 175959  | 4195098  | 5.19%  | 0.157% |
| 285        | 18.492 | 18.458 | 18.514 | HH | 164128  | 5066739  | 6.27%  | 0.189% |
| 286        | 18.557 | 18.514 | 18.607 | HH | 243525  | 10456985 | 12.93% | 0.390% |
| 287        | 18.628 | 18.607 | 18.643 | HH | 178555  | 3549544  | 4.39%  | 0.133% |
| 288        | 18.678 | 18.643 | 18.710 | HH | 306939  | 9390749  | 11.61% | 0.351% |
| 289        | 18.727 | 18.710 | 18.740 | HH | 208516  | 3560385  | 4.40%  | 0.133% |
| 290        | 18.763 | 18.740 | 18.788 | HH | 309767  | 6440924  | 7.96%  | 0.240% |
| 291        | 18.812 | 18.788 | 18.837 | HH | 226510  | 5686181  | 7.03%  | 0.212% |
| 292        | 18.848 | 18.837 | 18.859 | HH | 180015  | 2296111  | 2.84%  | 0.086% |
| 293        | 18.876 | 18.859 | 18.898 | HH | 189551  | 4187380  | 5.18%  | 0.156% |
| 294        | 18.931 | 18.898 | 18.980 | HH | 321206  | 11027415 | 13.64% | 0.412% |
| 295        | 19.003 | 18.980 | 19.061 | HH | 168238  | 7600327  | 9.40%  | 0.284% |
| 296        | 19.086 | 19.061 | 19.115 | HH | 207148  | 5305159  | 6.56%  | 0.198% |
| 297        | 19.128 | 19.115 | 19.155 | HH | 137287  | 3051053  | 3.77%  | 0.114% |
| 298        | 19.196 | 19.155 | 19.204 | HH | 135855  | 3817495  | 4.72%  | 0.143% |
| 299        | 19.254 | 19.204 | 19.288 | HH | 161658  | 7284556  | 9.01%  | 0.272% |

Instrument :  
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|------------|--------|--------|--------|-----|--------|----------|--------|--------|
| 300        | 19.328 | 19.288 | 19.348 | HH  | 144652 | 4791939  | 5.93%  | 0.179% |
| 301        | 19.410 | 19.348 | 19.445 | HH  | 352005 | 13923323 | 17.22% | 0.520% |
| 302        | 19.480 | 19.445 | 19.511 | HH  | 435028 | 11692893 | 14.46% | 0.437% |
| 303        | 19.541 | 19.511 | 19.553 | HH  | 228422 | 5213397  | 6.45%  | 0.195% |
| 304        | 19.570 | 19.553 | 19.591 | HH  | 258254 | 5125908  | 6.34%  | 0.191% |
| 305        | 19.603 | 19.591 | 19.657 | HH  | 197703 | 6556065  | 8.11%  | 0.245% |
| 306        | 19.689 | 19.657 | 19.734 | HH  | 195223 | 6719429  | 8.31%  | 0.251% |
| 307        | 19.803 | 19.734 | 19.828 | HH  | 644902 | 16709361 | 20.66% | 0.624% |
| 308        | 19.862 | 19.828 | 19.877 | HH  | 294956 | 6764764  | 8.37%  | 0.253% |
| 309        | 19.890 | 19.877 | 19.917 | HH  | 266694 | 5252512  | 6.50%  | 0.196% |
| 310        | 19.939 | 19.917 | 19.968 | HH  | 225002 | 5578145  | 6.90%  | 0.208% |
| 311        | 19.985 | 19.968 | 20.005 | HH  | 142366 | 3064049  | 3.79%  | 0.114% |
| 312        | 20.059 | 20.005 | 20.085 | HH  | 173247 | 7487233  | 9.26%  | 0.280% |
| 313        | 20.100 | 20.085 | 20.117 | HH  | 157015 | 2924420  | 3.62%  | 0.109% |
| 314        | 20.129 | 20.117 | 20.187 | HH  | 146341 | 5520361  | 6.83%  | 0.206% |
| 315        | 20.209 | 20.187 | 20.231 | HH  | 138236 | 3374593  | 4.17%  | 0.126% |
| 316        | 20.258 | 20.231 | 20.328 | HH  | 150027 | 8000166  | 9.89%  | 0.299% |
| 317        | 20.360 | 20.328 | 20.402 | HH  | 153430 | 5673713  | 7.02%  | 0.212% |
| 318        | 20.437 | 20.402 | 20.465 | HH  | 179994 | 5626192  | 6.96%  | 0.210% |
| 319        | 20.494 | 20.465 | 20.510 | HH  | 138605 | 3566877  | 4.41%  | 0.133% |
| 320        | 20.519 | 20.510 | 20.555 | HH  | 131198 | 3284814  | 4.06%  | 0.123% |
| 321        | 20.580 | 20.555 | 20.603 | HH  | 115320 | 3234446  | 4.00%  | 0.121% |
| 322        | 20.613 | 20.603 | 20.642 | HH  | 109245 | 2510574  | 3.10%  | 0.094% |
| 323        | 20.652 | 20.642 | 20.718 | HH  | 107921 | 4594012  | 5.68%  | 0.172% |
| 324        | 20.790 | 20.718 | 20.835 | HH  | 140966 | 7843480  | 9.70%  | 0.293% |
| 325        | 20.865 | 20.835 | 20.907 | HH  | 119243 | 4334054  | 5.36%  | 0.162% |
| 326        | 20.971 | 20.907 | 21.004 | HH  | 117954 | 5759588  | 7.12%  | 0.215% |
| 327        | 21.060 | 21.004 | 21.090 | HH  | 159768 | 6254843  | 7.73%  | 0.234% |
| 328        | 21.165 | 21.090 | 21.206 | HH  | 220555 | 11651790 | 14.41% | 0.435% |
| 329        | 21.219 | 21.206 | 21.281 | HH  | 135435 | 4946783  | 6.12%  | 0.185% |
| 330        | 21.315 | 21.281 | 21.326 | HH  | 103671 | 2616868  | 3.24%  | 0.098% |
| 331        | 21.354 | 21.326 | 21.396 | HH  | 115154 | 4153364  | 5.14%  | 0.155% |
| 332        | 21.446 | 21.396 | 21.483 | HH  | 165120 | 6340568  | 7.84%  | 0.237% |
| 333        | 21.524 | 21.483 | 21.554 | HH  | 160136 | 5508468  | 6.81%  | 0.206% |
| 334        | 21.571 | 21.554 | 21.602 | HHA | 128965 | 3494736  | 4.32%  | 0.130% |

Sum of corrected areas: 2678365939

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