

Instrument :  
FID\_G  
ClientSampleId :  
2018-NYSEG-CLARK-AREA-9BMS

rteres

# Area Percent Report

Manual Integrations  
APPROVED

Sohil  
8/11/2018 10:50:09 AM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG081018\  
Data File : FG002049.D  
Signal(s) : FID1A.ch  
Acq On : 10 Aug 2018 18:17  
Sample : J4409-01MS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG073018.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         | 2.142       | 2.105        | 2.199      | BH       | 147615         | 1107733      | 0.15%          | 0.011%        |
| 2         | 2.208       | 2.199        | 2.237      | HH       | 636            | -2315        | -0.00%         | -0.000%       |
| 3         | 2.269       | 2.237        | 2.298      | PH       | 936            | 7213         | 0.00%          | 0.000%        |
| 4         | 2.319       | 2.298        | 2.335      | HH       | 718            | 10124        | 0.00%          | 0.000%        |
| 5         | 2.346       | 2.335        | 2.354      | PH       | 537            | 3020         | 0.00%          | 0.000%        |
| 6         | 2.365       | 2.354        | 2.375      | HH       | 970            | 6582         | 0.00%          | 0.000%        |
| 7         | 2.408       | 2.375        | 2.444      | HH       | 8486           | 115216       | 0.02%          | 0.001%        |
| 8         | 2.460       | 2.444        | 2.476      | PH       | 12358          | 101163       | 0.01%          | 0.001%        |
| 9         | 2.507       | 2.476        | 2.565      | HH       | 6644           | 159872       | 0.02%          | 0.002%        |
| 10        | 2.588       | 2.565        | 2.648      | HH       | 209539         | 1985755      | 0.27%          | 0.020%        |
| 11        | 2.679       | 2.648        | 2.730      | HH       | 73005          | 1197132      | 0.16%          | 0.012%        |
| 12        | 2.745       | 2.730        | 2.759      | HH       | 6065           | 91430        | 0.01%          | 0.001%        |
| 13        | 2.789       | 2.759        | 2.810      | HH       | 15900          | 275061       | 0.04%          | 0.003%        |
| 14        | 2.857       | 2.810        | 2.886      | HH       | 92904          | 1233105      | 0.17%          | 0.013%        |
| 15        | 2.900       | 2.886        | 2.944      | HH       | 26562          | 421052       | 0.06%          | 0.004%        |
| 16        | 2.967       | 2.944        | 3.009      | HH       | 17104          | 384338       | 0.05%          | 0.004%        |
| 17        | 3.027       | 3.009        | 3.066      | HH       | 7600           | 192076       | 0.03%          | 0.002%        |
| 18        | 3.083       | 3.066        | 3.103      | HH       | 6031           | 92226        | 0.01%          | 0.001%        |
| 19        | 3.152       | 3.103        | 3.183      | HH       | 36805          | 631193       | 0.09%          | 0.006%        |
| 20        | 3.193       | 3.183        | 3.222      | HH       | 6538           | 93794        | 0.01%          | 0.001%        |
| 21        | 3.245       | 3.222        | 3.257      | HH       | 21303          | 217038       | 0.03%          | 0.002%        |
| 22        | 3.268       | 3.257        | 3.283      | HH       | 16667          | 169768       | 0.02%          | 0.002%        |
| 23        | 3.294       | 3.283        | 3.307      | HH       | 8196           | 92747        | 0.01%          | 0.001%        |
| 24        | 3.323       | 3.307        | 3.338      | HH       | 9253           | 135748       | 0.02%          | 0.001%        |
| 25        | 3.352       | 3.338        | 3.372      | HH       | 9659           | 142580       | 0.02%          | 0.001%        |
| 26        | 3.409       | 3.372        | 3.436      | HH       | 27265          | 478116       | 0.06%          | 0.005%        |
| 27        | 3.458       | 3.436        | 3.473      | HH       | 18704          | 285251       | 0.04%          | 0.003%        |
| 28        | 3.482       | 3.473        | 3.505      | HH       | 10687          | 166862       | 0.02%          | 0.002%        |
| 29        | 3.521       | 3.505        | 3.538      | HH       | 36677          | 442612       | 0.06%          | 0.005%        |
| 30        | 3.555       | 3.538        | 3.573      | HH       | 26516          | 432662       | 0.06%          | 0.004%        |
| 31        | 3.591       | 3.573        | 3.619      | HH       | 49789          | 668765       | 0.09%          | 0.007%        |
| 32        | 3.658       | 3.619        | 3.699      | HH       | 107924         | 2075410      | 0.28%          | 0.021%        |
| 33        | 3.723       | 3.699        | 3.774      | HH       | 57968          | 1086275      | 0.15%          | 0.011%        |
| 34        | 3.816       | 3.774        | 3.835      | HH       | 69475          | 1299480      | 0.18%          | 0.013%        |
| 35        | 3.842       | 3.835        | 3.885      | HH       | 64746          | 1093024      | 0.15%          | 0.011%        |
| 36        | 3.907       | 3.885        | 3.938      | HH       | 75141          | 1160896      | 0.16%          | 0.012%        |

| rteres |       |       |       |    |         |          |       |        |
|--------|-------|-------|-------|----|---------|----------|-------|--------|
| 37     | 3.974 | 3.938 | 4.004 | HH | 118686  | 2274132  | 0.31% | 0.023% |
| 38     | 4.016 | 4.004 | 4.097 | HH | 37938   | 1191115  | 0.16% | 0.012% |
| 39     | 4.123 | 4.097 | 4.141 | HH | 23805   | 420653   | 0.06% | 0.004% |
| 40     | 4.166 | 4.141 | 4.191 | HH | 26985   | 626456   | 0.08% | 0.006% |
| 41     | 4.216 | 4.191 | 4.238 | HH | 272430  | 2860065  | 0.39% | 0.029% |
| 42     | 4.252 | 4.238 | 4.265 | HH | 41033   | 473409   | 0.06% | 0.005% |
| 43     | 4.283 | 4.265 | 4.300 | HH | 101978  | 1155200  | 0.16% | 0.012% |
| 44     | 4.314 | 4.300 | 4.337 | HH | 67400   | 841609   | 0.11% | 0.009% |
| 45     | 4.356 | 4.337 | 4.390 | HH | 106261  | 1459104  | 0.20% | 0.015% |
| 46     | 4.420 | 4.390 | 4.452 | HH | 212172  | 2939161  | 0.40% | 0.030% |
| 47     | 4.469 | 4.452 | 4.482 | HH | 94422   | 1085556  | 0.15% | 0.011% |
| 48     | 4.492 | 4.482 | 4.512 | HH | 55681   | 692100   | 0.09% | 0.007% |
| 49     | 4.562 | 4.512 | 4.602 | HH | 255857  | 3993572  | 0.54% | 0.041% |
| 50     | 4.625 | 4.602 | 4.645 | HH | 185689  | 2403075  | 0.32% | 0.025% |
| 51     | 4.663 | 4.645 | 4.710 | HH | 293827  | 3819226  | 0.51% | 0.039% |
| 52     | 4.739 | 4.710 | 4.758 | HH | 40000   | 804585   | 0.11% | 0.008% |
| 53     | 4.792 | 4.758 | 4.802 | HH | 37658   | 837460   | 0.11% | 0.009% |
| 54     | 4.824 | 4.802 | 4.835 | HH | 55798   | 874883   | 0.12% | 0.009% |
| 55     | 4.862 | 4.835 | 4.879 | HH | 122319  | 2262586  | 0.30% | 0.023% |
| 56     | 4.897 | 4.879 | 4.910 | HH | 178287  | 2071757  | 0.28% | 0.021% |
| 57     | 4.926 | 4.910 | 4.993 | HH | 306895  | 4561175  | 0.61% | 0.047% |
| 58     | 5.015 | 4.993 | 5.055 | HH | 90849   | 2252952  | 0.30% | 0.023% |
| 59     | 5.070 | 5.055 | 5.092 | HH | 76914   | 1172060  | 0.16% | 0.012% |
| 60     | 5.134 | 5.092 | 5.152 | HH | 86009   | 2055723  | 0.28% | 0.021% |
| 61     | 5.167 | 5.152 | 5.181 | HH | 42291   | 650116   | 0.09% | 0.007% |
| 62     | 5.196 | 5.181 | 5.211 | HH | 49922   | 726323   | 0.10% | 0.007% |
| 63     | 5.249 | 5.211 | 5.265 | HH | 221919  | 3202315  | 0.43% | 0.033% |
| 64     | 5.278 | 5.265 | 5.342 | HH | 206185  | 3375110  | 0.45% | 0.035% |
| 65     | 5.358 | 5.342 | 5.370 | HH | 66727   | 831845   | 0.11% | 0.009% |
| 66     | 5.376 | 5.370 | 5.400 | HH | 52951   | 747350   | 0.10% | 0.008% |
| 67     | 5.430 | 5.400 | 5.473 | HH | 205587  | 3659933  | 0.49% | 0.037% |
| 68     | 5.524 | 5.473 | 5.567 | HH | 375771  | 11302037 | 1.52% | 0.116% |
| 69     | 5.578 | 5.567 | 5.602 | HH | 175834  | 2586793  | 0.35% | 0.026% |
| 70     | 5.619 | 5.602 | 5.643 | HH | 108977  | 1887325  | 0.25% | 0.019% |
| 71     | 5.663 | 5.643 | 5.690 | HH | 89667   | 1741772  | 0.23% | 0.018% |
| 72     | 5.712 | 5.690 | 5.735 | HH | 85670   | 1556397  | 0.21% | 0.016% |
| 73     | 5.808 | 5.735 | 5.831 | HH | 4208823 | 56881657 | 7.66% | 0.582% |
| 74     | 5.842 | 5.831 | 5.866 | HH | 134031  | 1917776  | 0.26% | 0.020% |
| 75     | 5.888 | 5.866 | 5.905 | HH | 200725  | 2705331  | 0.36% | 0.028% |
| 76     | 5.921 | 5.905 | 5.963 | HH | 234263  | 4096776  | 0.55% | 0.042% |
| 77     | 5.978 | 5.963 | 5.993 | HH | 84026   | 1245071  | 0.17% | 0.013% |
| 78     | 6.027 | 5.993 | 6.039 | HH | 132090  | 2542152  | 0.34% | 0.026% |
| 79     | 6.050 | 6.039 | 6.094 | HH | 118554  | 2934692  | 0.40% | 0.030% |
| 80     | 6.106 | 6.094 | 6.115 | HH | 61832   | 739623   | 0.10% | 0.008% |
| 81     | 6.148 | 6.115 | 6.166 | HH | 153741  | 3069152  | 0.41% | 0.031% |
| 82     | 6.175 | 6.166 | 6.206 | HH | 95860   | 1944701  | 0.26% | 0.020% |
| 83     | 6.230 | 6.206 | 6.271 | HH | 427557  | 6154913  | 0.83% | 0.063% |
| 84     | 6.289 | 6.271 | 6.314 | HH | 97480   | 1946039  | 0.26% | 0.020% |
| 85     | 6.338 | 6.314 | 6.352 | HH | 159480  | 2653609  | 0.36% | 0.027% |
| 86     | 6.377 | 6.352 | 6.392 | HH | 259698  | 4268424  | 0.57% | 0.044% |
| 87     | 6.419 | 6.392 | 6.459 | HH | 332828  | 6673614  | 0.90% | 0.068% |
| 88     | 6.486 | 6.459 | 6.496 | HH | 167516  | 2480673  | 0.33% | 0.025% |
| 89     | 6.501 | 6.496 | 6.519 | HH | 149090  | 1573137  | 0.21% | 0.016% |

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|     |       |       |       |    | rters    |           |        |        |
|-----|-------|-------|-------|----|----------|-----------|--------|--------|
| 90  | 6.545 | 6.519 | 6.559 | HH | 338897   | 5015065   | 0.68%  | 0.051% |
| 91  | 6.569 | 6.559 | 6.591 | HH | 256278   | 4101035   | 0.55%  | 0.042% |
| 92  | 6.622 | 6.591 | 6.642 | HH | 319203   | 6612056   | 0.89%  | 0.068% |
| 93  | 6.660 | 6.642 | 6.690 | HH | 178042   | 3754467   | 0.51%  | 0.038% |
| 94  | 6.711 | 6.690 | 6.725 | HH | 92492    | 1772362   | 0.24%  | 0.018% |
| 95  | 6.751 | 6.725 | 6.772 | HH | 279151   | 5165582   | 0.70%  | 0.053% |
| 96  | 6.789 | 6.772 | 6.816 | HH | 173027   | 4266873   | 0.57%  | 0.044% |
| 97  | 6.864 | 6.816 | 6.883 | HH | 3364086  | 50741021  | 6.83%  | 0.519% |
| 98  | 6.898 | 6.883 | 6.918 | HH | 177792   | 2825083   | 0.38%  | 0.029% |
| 99  | 6.939 | 6.918 | 6.960 | HH | 321953   | 5261488   | 0.71%  | 0.054% |
| 100 | 7.014 | 6.960 | 7.059 | HH | 5256579  | 95029733  | 12.80% | 0.972% |
| 101 | 7.098 | 7.059 | 7.138 | HH | 146263   | 5713550   | 0.77%  | 0.058% |
| 102 | 7.153 | 7.138 | 7.177 | HH | 126254   | 2581091   | 0.35%  | 0.026% |
| 103 | 7.204 | 7.177 | 7.253 | HH | 190543   | 5252555   | 0.71%  | 0.054% |
| 104 | 7.274 | 7.253 | 7.292 | HH | 113615   | 2170997   | 0.29%  | 0.022% |
| 105 | 7.324 | 7.292 | 7.343 | HH | 179479   | 3792811   | 0.51%  | 0.039% |
| 106 | 7.372 | 7.343 | 7.401 | HH | 165252   | 4184089   | 0.56%  | 0.043% |
| 107 | 7.430 | 7.401 | 7.466 | HH | 146772   | 4142549   | 0.56%  | 0.042% |
| 108 | 7.492 | 7.466 | 7.511 | HH | 149260   | 2960531   | 0.40%  | 0.030% |
| 109 | 7.528 | 7.511 | 7.542 | HH | 119245   | 2004869   | 0.27%  | 0.020% |
| 110 | 7.594 | 7.542 | 7.659 | HH | 4125699  | 66666271  | 8.98%  | 0.682% |
| 111 | 7.681 | 7.659 | 7.702 | HH | 172531   | 3499640   | 0.47%  | 0.036% |
| 112 | 7.758 | 7.702 | 7.799 | HH | 4475209  | 88273015  | 11.89% | 0.903% |
| 113 | 7.809 | 7.799 | 7.814 | HH | 295925   | 2468434   | 0.33%  | 0.025% |
| 114 | 7.866 | 7.814 | 7.925 | HH | 2722379  | 64802779  | 8.73%  | 0.663% |
| 115 | 7.978 | 7.925 | 7.992 | HH | 3568582  | 67102424  | 9.04%  | 0.686% |
| 116 | 8.002 | 7.992 | 8.060 | HH | 2655460  | 36107187  | 4.86%  | 0.369% |
| 117 | 8.140 | 8.060 | 8.200 | HH | 2279393  | 64675675  | 8.71%  | 0.661% |
| 118 | 8.230 | 8.200 | 8.253 | HH | 1182535  | 15583492  | 2.10%  | 0.159% |
| 119 | 8.270 | 8.253 | 8.332 | HH | 309447   | 7237143   | 0.97%  | 0.074% |
| 120 | 8.363 | 8.332 | 8.377 | HH | 84880    | 2194039   | 0.30%  | 0.022% |
| 121 | 8.522 | 8.377 | 8.540 | HH | 12016574 | 407414328 | 54.87% | 4.166% |
| 122 | 8.561 | 8.540 | 8.592 | HH | 1095503  | 15941608  | 2.15%  | 0.163% |
| 123 | 8.605 | 8.592 | 8.615 | HH | 223366   | 2763184   | 0.37%  | 0.028% |
| 124 | 8.626 | 8.615 | 8.652 | HH | 223776   | 4031395   | 0.54%  | 0.041% |
| 125 | 8.694 | 8.652 | 8.705 | HH | 1051852  | 19241961  | 2.59%  | 0.197% |
| 126 | 8.731 | 8.705 | 8.773 | HH | 3000691  | 50646463  | 6.82%  | 0.518% |
| 127 | 8.802 | 8.773 | 8.826 | HH | 848233   | 13606850  | 1.83%  | 0.139% |
| 128 | 8.849 | 8.826 | 8.868 | HH | 1137832  | 15225401  | 2.05%  | 0.156% |
| 129 | 8.893 | 8.868 | 8.925 | HH | 1372019  | 20201729  | 2.72%  | 0.207% |
| 130 | 8.946 | 8.925 | 8.974 | HH | 480115   | 8931426   | 1.20%  | 0.091% |
| 131 | 9.003 | 8.974 | 9.019 | HH | 1121199  | 15739434  | 2.12%  | 0.161% |
| 132 | 9.040 | 9.019 | 9.063 | HH | 1213424  | 16721882  | 2.25%  | 0.171% |
| 133 | 9.091 | 9.063 | 9.121 | HH | 1318265  | 22015032  | 2.96%  | 0.225% |
| 134 | 9.143 | 9.121 | 9.163 | HH | 902301   | 16826208  | 2.27%  | 0.172% |
| 135 | 9.184 | 9.163 | 9.203 | HH | 1111450  | 17611267  | 2.37%  | 0.180% |
| 136 | 9.280 | 9.203 | 9.298 | HH | 6839755  | 183460016 | 24.71% | 1.876% |
| 137 | 9.317 | 9.298 | 9.332 | HH | 1387942  | 16047689  | 2.16%  | 0.164% |
| 138 | 9.397 | 9.332 | 9.426 | HH | 2511309  | 65193189  | 8.78%  | 0.667% |
| 139 | 9.455 | 9.426 | 9.475 | HH | 2699909  | 39754070  | 5.35%  | 0.406% |
| 140 | 9.495 | 9.475 | 9.513 | HH | 1222408  | 13850502  | 1.87%  | 0.142% |
| 141 | 9.554 | 9.513 | 9.575 | HH | 2639100  | 42241825  | 5.69%  | 0.432% |

| rteres |        |        |        |    |          |           |         |        |
|--------|--------|--------|--------|----|----------|-----------|---------|--------|
| 142    | 9.604  | 9.575  | 9.616  | HH | 415457   | 8181799   | 1.10%   | 0.084% |
| 143    | 9.659  | 9.616  | 9.691  | HH | 2096471  | 39226797  | 5.28%   | 0.401% |
| 144    | 9.712  | 9.691  | 9.762  | HH | 684237   | 16077219  | 2.17%   | 0.164% |
| 145    | 9.807  | 9.762  | 9.825  | HH | 442919   | 11016622  | 1.48%   | 0.113% |
| 146    | 9.834  | 9.825  | 9.858  | HH | 296225   | 4395675   | 0.59%   | 0.045% |
| 147    | 9.875  | 9.858  | 9.884  | HH | 185827   | 2645675   | 0.36%   | 0.027% |
| 148    | 9.906  | 9.884  | 9.935  | HH | 283272   | 6854469   | 0.92%   | 0.070% |
| 149    | 9.961  | 9.935  | 9.992  | HH | 566646   | 11557066  | 1.56%   | 0.118% |
| 150    | 10.022 | 9.992  | 10.038 | HH | 377722   | 8173951   | 1.10%   | 0.084% |
| 151    | 10.116 | 10.038 | 10.133 | HH | 2130411  | 52519343  | 7.07%   | 0.537% |
| 152    | 10.154 | 10.133 | 10.184 | HH | 1442302  | 21747941  | 2.93%   | 0.222% |
| 153    | 10.228 | 10.184 | 10.265 | HH | 1630413  | 36904945  | 4.97%   | 0.377% |
| 154    | 10.278 | 10.265 | 10.321 | HH | 459001   | 12665226  | 1.71%   | 0.129% |
| 155    | 10.349 | 10.321 | 10.365 | HH | 399143   | 9862279   | 1.33%   | 0.101% |
| 156    | 10.445 | 10.365 | 10.501 | HH | 2519286  | 99485078  | 13.40%  | 1.017% |
| 157    | 10.521 | 10.501 | 10.592 | HH | 505543   | 22019991  | 2.97%   | 0.225% |
| 158    | 10.780 | 10.592 | 10.795 | HH | 12012078 | 742501436 | 100.00% | 7.592% |
| 159    | 10.840 | 10.795 | 10.895 | HH | 9683583  | 235894305 | 31.77%  | 2.412% |
| 160    | 10.905 | 10.895 | 10.925 | HH | 361523   | 5338569   | 0.72%   | 0.055% |
| 161    | 10.954 | 10.925 | 10.980 | HH | 754882   | 15656892  | 2.11%   | 0.160% |
| 162    | 11.013 | 10.980 | 11.026 | HH | 498487   | 11568924  | 1.56%   | 0.118% |
| 163    | 11.043 | 11.026 | 11.058 | HH | 654746   | 9825367   | 1.32%   | 0.100% |
| 164    | 11.074 | 11.058 | 11.102 | HH | 755565   | 12777884  | 1.72%   | 0.131% |
| 165    | 11.136 | 11.102 | 11.149 | HH | 658940   | 12536570  | 1.69%   | 0.128% |
| 166    | 11.177 | 11.149 | 11.202 | HH | 2126727  | 34130702  | 4.60%   | 0.349% |
| 167    | 11.242 | 11.202 | 11.266 | HH | 841432   | 20481634  | 2.76%   | 0.209% |
| 168    | 11.298 | 11.266 | 11.327 | HH | 988541   | 22357072  | 3.01%   | 0.229% |
| 169    | 11.338 | 11.327 | 11.378 | HH | 375899   | 9633868   | 1.30%   | 0.098% |
| 170    | 11.523 | 11.378 | 11.545 | HH | 3284346  | 164930764 | 22.21%  | 1.686% |
| 171    | 11.608 | 11.545 | 11.633 | HH | 4881782  | 142904711 | 19.25%  | 1.461% |
| 172    | 11.641 | 11.633 | 11.654 | HH | 2610369  | 30136018  | 4.06%   | 0.308% |
| 173    | 11.678 | 11.654 | 11.698 | HH | 3748018  | 64012526  | 8.62%   | 0.654% |
| 174    | 11.722 | 11.698 | 11.767 | HH | 606124   | 15657342  | 2.11%   | 0.160% |
| 175    | 11.783 | 11.767 | 11.793 | HH | 278046   | 3967002   | 0.53%   | 0.041% |
| 176    | 11.837 | 11.793 | 11.867 | HH | 492984   | 17212059  | 2.32%   | 0.176% |
| 177    | 11.937 | 11.867 | 11.953 | HH | 3177169  | 63212975  | 8.51%   | 0.646% |
| 178    | 11.961 | 11.953 | 11.974 | HH | 555402   | 6437475   | 0.87%   | 0.066% |
| 179    | 11.985 | 11.974 | 12.005 | HH | 495741   | 8352119   | 1.12%   | 0.085% |
| 180    | 12.031 | 12.005 | 12.044 | HH | 471198   | 10007379  | 1.35%   | 0.102% |
| 181    | 12.059 | 12.044 | 12.077 | HH | 569084   | 8675578   | 1.17%   | 0.089% |
| 182    | 12.090 | 12.077 | 12.106 | HH | 368690   | 5962098   | 0.80%   | 0.061% |
| 183    | 12.157 | 12.106 | 12.171 | HH | 722947   | 18010842  | 2.43%   | 0.184% |
| 184    | 12.181 | 12.171 | 12.207 | HH | 619316   | 10758373  | 1.45%   | 0.110% |
| 185    | 12.232 | 12.207 | 12.273 | HH | 916006   | 25533482  | 3.44%   | 0.261% |
| 186    | 12.349 | 12.273 | 12.365 | HH | 1292183  | 46085872  | 6.21%   | 0.471% |
| 187    | 12.375 | 12.365 | 12.408 | HH | 1179538  | 29235479  | 3.94%   | 0.299% |
| 188    | 12.424 | 12.408 | 12.439 | HH | 1128695  | 20108687  | 2.71%   | 0.206% |
| 189    | 12.580 | 12.439 | 12.614 | HH | 8314923  | 414409248 | 55.81%  | 4.237% |
| 190    | 12.660 | 12.614 | 12.755 | HH | 2841194  | 121349243 | 16.34%  | 1.241% |
| 191    | 12.904 | 12.755 | 12.960 | HH | 8634210  | 490694313 | 66.09%  | 5.017% |
| 192    | 12.983 | 12.960 | 13.032 | HH | 1225149  | 25205498  | 3.39%   | 0.258% |
| 193    | 13.064 | 13.032 | 13.091 | HH | 1550486  | 27793625  | 3.74%   | 0.284% |
| 194    | 13.113 | 13.091 | 13.152 | HH | 702319   | 19142745  | 2.58%   | 0.196% |

Instrument :  
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| rteres |        |        |        |    |         |           |        |        |
|--------|--------|--------|--------|----|---------|-----------|--------|--------|
| 195    | 13.184 | 13.152 | 13.216 | HH | 928736  | 25990946  | 3.50%  | 0.266% |
| 196    | 13.258 | 13.216 | 13.303 | HH | 2064147 | 48085700  | 6.48%  | 0.492% |
| 197    | 13.416 | 13.303 | 13.459 | HH | 3231110 | 128327160 | 17.28% | 1.312% |
| 198    | 13.526 | 13.459 | 13.542 | HH | 3002432 | 87874002  | 11.83% | 0.898% |
| 199    | 13.561 | 13.542 | 13.581 | HH | 2551471 | 39404277  | 5.31%  | 0.403% |
| 200    | 13.628 | 13.581 | 13.647 | HH | 1394589 | 41808158  | 5.63%  | 0.427% |
| 201    | 13.683 | 13.647 | 13.698 | HH | 1914781 | 45131930  | 6.08%  | 0.461% |
| 202    | 13.722 | 13.698 | 13.783 | HH | 2158170 | 57978194  | 7.81%  | 0.593% |
| 203    | 13.802 | 13.783 | 13.820 | HH | 588635  | 11476977  | 1.55%  | 0.117% |
| 204    | 13.839 | 13.820 | 13.854 | HH | 544706  | 10322367  | 1.39%  | 0.106% |
| 205    | 13.867 | 13.854 | 13.905 | HH | 519636  | 13447549  | 1.81%  | 0.137% |
| 206    | 13.944 | 13.905 | 13.975 | HH | 576416  | 19611328  | 2.64%  | 0.201% |
| 207    | 13.998 | 13.975 | 14.010 | HH | 422276  | 8189291   | 1.10%  | 0.084% |
| 208    | 14.079 | 14.010 | 14.126 | HH | 1112161 | 48624518  | 6.55%  | 0.497% |
| 209    | 14.188 | 14.126 | 14.254 | HH | 905063  | 53818749  | 7.25%  | 0.550% |
| 210    | 14.359 | 14.254 | 14.367 | HH | 2067012 | 83082534  | 11.19% | 0.849% |
| 211    | 14.381 | 14.367 | 14.402 | HH | 2318197 | 37405009  | 5.04%  | 0.382% |
| 212    | 14.417 | 14.402 | 14.443 | HH | 1149616 | 21898203  | 2.95%  | 0.224% |
| 213    | 14.463 | 14.443 | 14.476 | HH | 630870  | 11472805  | 1.55%  | 0.117% |
| 214    | 14.503 | 14.476 | 14.515 | HH | 771833  | 16337547  | 2.20%  | 0.167% |
| 215    | 14.532 | 14.515 | 14.587 | HH | 855936  | 27557833  | 3.71%  | 0.282% |
| 216    | 14.615 | 14.587 | 14.625 | HH | 674975  | 12640451  | 1.70%  | 0.129% |
| 217    | 14.754 | 14.625 | 14.770 | HH | 4808529 | 241271146 | 32.49% | 2.467% |
| 218    | 14.797 | 14.770 | 14.842 | HH | 5011858 | 113270960 | 15.26% | 1.158% |
| 219    | 14.884 | 14.842 | 14.925 | HH | 2300324 | 70581659  | 9.51%  | 0.722% |
| 220    | 14.937 | 14.925 | 14.958 | HH | 774321  | 14835998  | 2.00%  | 0.152% |
| 221    | 14.990 | 14.958 | 15.009 | HH | 920036  | 24066382  | 3.24%  | 0.246% |
| 222    | 15.030 | 15.009 | 15.083 | HH | 1121667 | 32703173  | 4.40%  | 0.334% |
| 223    | 15.117 | 15.083 | 15.145 | HH | 844306  | 24866447  | 3.35%  | 0.254% |
| 224    | 15.156 | 15.145 | 15.192 | HH | 639760  | 16031826  | 2.16%  | 0.164% |
| 225    | 15.248 | 15.192 | 15.268 | HH | 613848  | 24350113  | 3.28%  | 0.249% |
| 226    | 15.293 | 15.268 | 15.307 | HH | 753741  | 15929314  | 2.15%  | 0.163% |
| 227    | 15.362 | 15.307 | 15.384 | HH | 1724093 | 57884043  | 7.80%  | 0.592% |
| 228    | 15.397 | 15.384 | 15.426 | HH | 1207083 | 24858877  | 3.35%  | 0.254% |
| 229    | 15.465 | 15.426 | 15.482 | HH | 1144441 | 32513672  | 4.38%  | 0.332% |
| 230    | 15.546 | 15.482 | 15.563 | HH | 2262203 | 74777187  | 10.07% | 0.765% |
| 231    | 15.583 | 15.563 | 15.638 | HH | 1279538 | 36916153  | 4.97%  | 0.377% |
| 232    | 15.661 | 15.638 | 15.688 | HH | 921450  | 20203219  | 2.72%  | 0.207% |
| 233    | 15.725 | 15.688 | 15.745 | HH | 812570  | 21509683  | 2.90%  | 0.220% |
| 234    | 15.763 | 15.745 | 15.818 | HH | 648922  | 24571115  | 3.31%  | 0.251% |
| 235    | 15.835 | 15.818 | 15.855 | HH | 538911  | 11018034  | 1.48%  | 0.113% |
| 236    | 15.886 | 15.855 | 15.900 | HH | 510602  | 13250789  | 1.78%  | 0.135% |
| 237    | 15.927 | 15.900 | 15.950 | HH | 612200  | 16297613  | 2.19%  | 0.167% |
| 238    | 15.965 | 15.950 | 15.988 | HH | 558100  | 11865236  | 1.60%  | 0.121% |
| 239    | 16.030 | 15.988 | 16.059 | HH | 680709  | 25174009  | 3.39%  | 0.257% |
| 240    | 16.118 | 16.059 | 16.158 | HH | 739307  | 37826978  | 5.09%  | 0.387% |
| 241    | 16.180 | 16.158 | 16.188 | HH | 568398  | 9879968   | 1.33%  | 0.101% |
| 242    | 16.328 | 16.188 | 16.370 | HH | 3980180 | 225665308 | 30.39% | 2.307% |
| 243    | 16.424 | 16.370 | 16.478 | HH | 2070135 | 69128348  | 9.31%  | 0.707% |
| 244    | 16.505 | 16.478 | 16.532 | HH | 873360  | 22526197  | 3.03%  | 0.230% |
| 245    | 16.737 | 16.532 | 16.759 | HH | 4111096 | 288037636 | 38.79% | 2.945% |
| 246    | 16.797 | 16.759 | 16.852 | HH | 2244738 | 61309303  | 8.26%  | 0.627% |

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Instrument :  
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| rteres                  |        |        |        |     |            |           |        |        |
|-------------------------|--------|--------|--------|-----|------------|-----------|--------|--------|
| 247                     | 16.907 | 16.852 | 16.966 | HH  | 999967     | 52851509  | 7.12%  | 0.540% |
| 248                     | 17.049 | 16.966 | 17.095 | HH  | 1413303    | 81462227  | 10.97% | 0.833% |
| 249                     | 17.115 | 17.095 | 17.138 | HH  | 828218     | 20014242  | 2.70%  | 0.205% |
| 250                     | 17.177 | 17.138 | 17.214 | HH  | 1116502    | 41221443  | 5.55%  | 0.421% |
| 251                     | 17.246 | 17.214 | 17.292 | HH  | 838917     | 35249130  | 4.75%  | 0.360% |
| 252                     | 17.344 | 17.292 | 17.395 | HH  | 1482935    | 57196085  | 7.70%  | 0.585% |
| 253                     | 17.449 | 17.395 | 17.476 | HH  | 925833     | 34933163  | 4.70%  | 0.357% |
| 254                     | 17.487 | 17.476 | 17.515 | HH  | 551698     | 12117257  | 1.63%  | 0.124% |
| 255                     | 17.546 | 17.515 | 17.565 | HH  | 610091     | 16246780  | 2.19%  | 0.166% |
| 256                     | 17.616 | 17.565 | 17.666 | HH  | 771579     | 39531687  | 5.32%  | 0.404% |
| 257                     | 17.726 | 17.666 | 17.740 | HH  | 748504     | 28485509  | 3.84%  | 0.291% |
| 258                     | 17.776 | 17.740 | 17.848 | HH  | 808516     | 45307857  | 6.10%  | 0.463% |
| 259                     | 17.855 | 17.848 | 17.882 | HH  | 610899     | 11983746  | 1.61%  | 0.123% |
| 260                     | 17.937 | 17.882 | 17.952 | HH  | 1441733    | 45099934  | 6.07%  | 0.461% |
| 261                     | 17.970 | 17.952 | 18.008 | HH  | 1487526    | 39256731  | 5.29%  | 0.401% |
| 262                     | 18.114 | 18.008 | 18.156 | HH  | 2365619    | 135396189 | 18.24% | 1.384% |
| 263                     | 18.188 | 18.156 | 18.274 | HH  | 1262944    | 73487972  | 9.90%  | 0.751% |
| 264                     | 18.370 | 18.274 | 18.417 | HH  | 2147111    | 119750122 | 16.13% | 1.224% |
| 265                     | 18.511 | 18.417 | 18.545 | HH  | 1838905    | 96878092  | 13.05% | 0.991% |
| 266                     | 18.561 | 18.545 | 18.602 | HH  | 826557     | 25160092  | 3.39%  | 0.257% |
| 267                     | 18.652 | 18.602 | 18.702 | HH  | 1009311    | 48515413  | 6.53%  | 0.496% |
| 268                     | 18.764 | 18.702 | 18.818 | HH  | 981711     | 59585658  | 8.02%  | 0.609% |
| 269                     | 18.836 | 18.818 | 18.866 | HH  | 821491     | 23072365  | 3.11%  | 0.236% |
| 270                     | 18.916 | 18.866 | 18.983 | HH  | 965669     | 60006452  | 8.08%  | 0.614% |
| 271                     | 19.026 | 18.983 | 19.093 | HH  | 886919     | 47470868  | 6.39%  | 0.485% |
| 272                     | 19.117 | 19.093 | 19.128 | HH  | 588102     | 12159532  | 1.64%  | 0.124% |
| 273                     | 19.162 | 19.128 | 19.185 | HH  | 660450     | 20752138  | 2.79%  | 0.212% |
| 274                     | 19.210 | 19.185 | 19.235 | HH  | 663103     | 17818627  | 2.40%  | 0.182% |
| 275                     | 19.256 | 19.235 | 19.272 | HH  | 544885     | 11799676  | 1.59%  | 0.121% |
| 276                     | 19.337 | 19.272 | 19.392 | HH  | 650261     | 41338151  | 5.57%  | 0.423% |
| 277                     | 19.493 | 19.392 | 19.522 | HH  | 1238260    | 70971192  | 9.56%  | 0.726% |
| 278                     | 19.574 | 19.522 | 19.609 | HH  | 1246205    | 59412453  | 8.00%  | 0.607% |
| 279                     | 19.633 | 19.609 | 19.736 | HH  | 1088358    | 65887209  | 8.87%  | 0.674% |
| 280                     | 19.769 | 19.736 | 19.815 | HH  | 725648     | 29896519  | 4.03%  | 0.306% |
| 281                     | 19.909 | 19.815 | 19.956 | HH  | 1594155    | 92487532  | 12.46% | 0.946% |
| 282                     | 19.965 | 19.956 | 20.021 | HH  | 1122818    | 38663003  | 5.21%  | 0.395% |
| 283                     | 20.049 | 20.021 | 20.092 | HH  | 926124     | 33661517  | 4.53%  | 0.344% |
| 284                     | 20.107 | 20.092 | 20.148 | HH  | 653049     | 21537908  | 2.90%  | 0.220% |
| 285                     | 20.199 | 20.148 | 20.285 | HH  | 630953     | 48343950  | 6.51%  | 0.494% |
| 286                     | 20.323 | 20.285 | 20.408 | HH  | 555030     | 38013177  | 5.12%  | 0.389% |
| 287                     | 20.452 | 20.408 | 20.502 | HH  | 492533     | 26149297  | 3.52%  | 0.267% |
| 288                     | 20.558 | 20.502 | 20.578 | HH  | 526624     | 22709489  | 3.06%  | 0.232% |
| 289                     | 20.611 | 20.578 | 20.778 | HH  | 525732     | 51729924  | 6.97%  | 0.529% |
| 290                     | 20.783 | 20.778 | 20.811 | HH  | 359879     | 6865502   | 0.92%  | 0.070% |
| 291                     | 20.885 | 20.811 | 20.929 | HH  | 494567     | 30707723  | 4.14%  | 0.314% |
| 292                     | 20.938 | 20.929 | 20.997 | HH  | 428618     | 15421736  | 2.08%  | 0.158% |
| 293                     | 21.052 | 20.997 | 21.102 | HH  | 401279     | 22811746  | 3.07%  | 0.233% |
| 294                     | 21.158 | 21.102 | 21.192 | HH  | 438604     | 22045469  | 2.97%  | 0.225% |
| 295                     | 21.301 | 21.192 | 21.405 | HH  | 651931     | 66048393  | 8.90%  | 0.675% |
| 296                     | 21.488 | 21.405 | 21.502 | HHA | 404650     | 23025021  | 3.10%  | 0.235% |
| Sum of corrected areas: |        |        |        |     | 9780674704 |           |        |        |

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