

rters  
Area Percent Report

Instrument :  
FID\_E  
ClientSampleId :  
P5-WCG-02

Manual Integrations  
APPROVED

UGO  
5/4/2018 11:32:23 AM

Data Path : P:\HPCHEM1\FID\_E\Data\FE050418\  
Data File : FE026866.D  
Signal(s) : FID1B.CH  
Acq On : 03 May 2018 20:13  
Sample : J2652-02 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Integration File: Sample.e

Method : P:\HPCHEM1\FID\_E\methods\FE040918.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         | 4.952       | 4.925        | 4.975      | BH       | 242            | 1198         | 0.03%          | 0.001%        |
| 2         | 4.987       | 4.975        | 4.997      | PH       | 124            | 245          | 0.01%          | 0.000%        |
| 3         | 5.040       | 4.997        | 5.083      | PH       | 221            | 4802         | 0.13%          | 0.003%        |
| 4         | 5.122       | 5.083        | 5.139      | HH       | 351            | 5985         | 0.16%          | 0.004%        |
| 5         | 5.146       | 5.139        | 5.159      | HH       | 247            | 2158         | 0.06%          | 0.002%        |
| 6         | 5.174       | 5.159        | 5.192      | HH       | 1890           | 18324        | 0.50%          | 0.013%        |
| 7         | 5.199       | 5.192        | 5.216      | HH       | 783            | 8144         | 0.22%          | 0.006%        |
| 8         | 5.227       | 5.216        | 5.242      | HH       | 450            | 5636         | 0.15%          | 0.004%        |
| 9         | 5.256       | 5.242        | 5.266      | HH       | 360            | 4082         | 0.11%          | 0.003%        |
| 10        | 5.273       | 5.266        | 5.281      | HH       | 313            | 2203         | 0.06%          | 0.002%        |
| 11        | 5.323       | 5.281        | 5.342      | HH       | 620            | 15355        | 0.42%          | 0.011%        |
| 12        | 5.353       | 5.342        | 5.379      | HH       | 681            | 10129        | 0.28%          | 0.007%        |
| 13        | 5.396       | 5.379        | 5.418      | HH       | 650            | 11226        | 0.31%          | 0.008%        |
| 14        | 5.432       | 5.418        | 5.448      | HH       | 611            | 9655         | 0.27%          | 0.007%        |
| 15        | 5.464       | 5.448        | 5.477      | HH       | 759            | 9434         | 0.26%          | 0.007%        |
| 16        | 5.492       | 5.477        | 5.512      | HH       | 818            | 12822        | 0.35%          | 0.009%        |
| 17        | 5.516       | 5.512        | 5.545      | HH       | 749            | 12788        | 0.35%          | 0.009%        |
| 18        | 5.560       | 5.545        | 5.590      | HH       | 966            | 19303        | 0.53%          | 0.014%        |
| 19        | 5.632       | 5.590        | 5.669      | HH       | 947            | 37922        | 1.04%          | 0.027%        |
| 20        | 5.709       | 5.669        | 5.739      | HH       | 1141           | 39610        | 1.09%          | 0.028%        |
| 21        | 5.748       | 5.739        | 5.774      | HH       | 918            | 18687        | 0.51%          | 0.013%        |
| 22        | 5.785       | 5.774        | 5.805      | HH       | 1154           | 19215        | 0.53%          | 0.014%        |
| 23        | 5.828       | 5.805        | 5.865      | HH       | 1354           | 42124        | 1.16%          | 0.030%        |
| 24        | 5.875       | 5.865        | 5.882      | HH       | 1120           | 10849        | 0.30%          | 0.008%        |
| 25        | 5.889       | 5.882        | 5.902      | HH       | 1243           | 13742        | 0.38%          | 0.010%        |
| 26        | 5.942       | 5.902        | 5.962      | HH       | 1259           | 42095        | 1.16%          | 0.030%        |
| 27        | 5.979       | 5.962        | 5.999      | HH       | 1711           | 30109        | 0.83%          | 0.021%        |
| 28        | 6.005       | 5.999        | 6.069      | HH       | 1464           | 54276        | 1.49%          | 0.038%        |
| 29        | 6.077       | 6.069        | 6.092      | HH       | 1495           | 18693        | 0.51%          | 0.013%        |
| 30        | 6.106       | 6.092        | 6.138      | HH       | 1479           | 36503        | 1.00%          | 0.026%        |
| 31        | 6.167       | 6.138        | 6.185      | HH       | 1601           | 41150        | 1.13%          | 0.029%        |
| 32        | 6.204       | 6.185        | 6.214      | HH       | 1450           | 24047        | 0.66%          | 0.017%        |
| 33        | 6.230       | 6.214        | 6.275      | HH       | 1572           | 55448        | 1.52%          | 0.039%        |
| 34        | 6.342       | 6.275        | 6.369      | HH       | 1898           | 94644        | 2.60%          | 0.067%        |
| 35        | 6.392       | 6.369        | 6.407      | HH       | 1921           | 40547        | 1.11%          | 0.028%        |
| 36        | 6.466       | 6.407        | 6.475      | HH       | 2079           | 78244        | 2.15%          | 0.055%        |

| rteres |       |       |       |    |       |        |       |        |  |
|--------|-------|-------|-------|----|-------|--------|-------|--------|--|
| 37     | 6.530 | 6.475 | 6.559 | HH | 2238  | 101363 | 2.78% | 0.071% |  |
| 38     | 6.597 | 6.559 | 6.642 | HH | 4411  | 135085 | 3.71% | 0.095% |  |
| 39     | 6.689 | 6.642 | 6.734 | HH | 2791  | 137367 | 3.77% | 0.097% |  |
| 40     | 6.750 | 6.734 | 6.767 | HH | 2542  | 48115  | 1.32% | 0.034% |  |
| 41     | 6.776 | 6.767 | 6.786 | HH | 2523  | 27970  | 0.77% | 0.020% |  |
| 42     | 6.799 | 6.786 | 6.824 | HH | 2575  | 56837  | 1.56% | 0.040% |  |
| 43     | 6.845 | 6.824 | 6.875 | HH | 2942  | 84510  | 2.32% | 0.059% |  |
| 44     | 6.884 | 6.875 | 6.922 | HH | 2775  | 74894  | 2.06% | 0.053% |  |
| 45     | 6.927 | 6.922 | 6.937 | HH | 2718  | 24297  | 0.67% | 0.017% |  |
| 46     | 6.974 | 6.937 | 6.988 | HH | 3102  | 89123  | 2.45% | 0.063% |  |
| 47     | 7.002 | 6.988 | 7.025 | HH | 3188  | 67269  | 1.85% | 0.047% |  |
| 48     | 7.031 | 7.025 | 7.046 | HH | 2856  | 35256  | 0.97% | 0.025% |  |
| 49     | 7.053 | 7.046 | 7.079 | HH | 2860  | 52582  | 1.44% | 0.037% |  |
| 50     | 7.092 | 7.079 | 7.115 | HH | 2851  | 59800  | 1.64% | 0.042% |  |
| 51     | 7.135 | 7.115 | 7.177 | HH | 2970  | 104238 | 2.86% | 0.073% |  |
| 52     | 7.215 | 7.177 | 7.275 | HH | 2955  | 165233 | 4.54% | 0.116% |  |
| 53     | 7.308 | 7.275 | 7.333 | HH | 3080  | 101381 | 2.78% | 0.071% |  |
| 54     | 7.414 | 7.333 | 7.441 | HH | 3331  | 202521 | 5.56% | 0.142% |  |
| 55     | 7.448 | 7.441 | 7.461 | HH | 3385  | 40049  | 1.10% | 0.028% |  |
| 56     | 7.476 | 7.461 | 7.489 | HH | 3394  | 54005  | 1.48% | 0.038% |  |
| 57     | 7.508 | 7.489 | 7.525 | HH | 3385  | 73160  | 2.01% | 0.051% |  |
| 58     | 7.544 | 7.525 | 7.562 | HH | 3591  | 76990  | 2.11% | 0.054% |  |
| 59     | 7.565 | 7.562 | 7.588 | HH | 3574  | 55915  | 1.54% | 0.039% |  |
| 60     | 7.604 | 7.588 | 7.616 | HH | 3739  | 58276  | 1.60% | 0.041% |  |
| 61     | 7.623 | 7.616 | 7.629 | HH | 3581  | 27560  | 0.76% | 0.019% |  |
| 62     | 7.663 | 7.629 | 7.739 | HH | 4539  | 252352 | 6.93% | 0.177% |  |
| 63     | 7.756 | 7.739 | 7.765 | HH | 3770  | 59006  | 1.62% | 0.041% |  |
| 64     | 7.772 | 7.765 | 7.782 | HH | 3721  | 37102  | 1.02% | 0.026% |  |
| 65     | 7.803 | 7.782 | 7.824 | HH | 4933  | 104199 | 2.86% | 0.073% |  |
| 66     | 7.835 | 7.824 | 7.862 | HH | 3970  | 87071  | 2.39% | 0.061% |  |
| 67     | 7.879 | 7.862 | 7.899 | HH | 3977  | 85431  | 2.35% | 0.060% |  |
| 68     | 7.906 | 7.899 | 7.912 | HH | 3930  | 32144  | 0.88% | 0.023% |  |
| 69     | 7.929 | 7.912 | 8.005 | HH | 4196  | 217493 | 5.97% | 0.153% |  |
| 70     | 8.021 | 8.005 | 8.031 | HH | 4042  | 60875  | 1.67% | 0.043% |  |
| 71     | 8.042 | 8.031 | 8.058 | HH | 4114  | 64522  | 1.77% | 0.045% |  |
| 72     | 8.065 | 8.058 | 8.082 | HH | 4066  | 57112  | 1.57% | 0.040% |  |
| 73     | 8.093 | 8.082 | 8.109 | HH | 4220  | 68766  | 1.89% | 0.048% |  |
| 74     | 8.115 | 8.109 | 8.123 | HH | 4214  | 32589  | 0.89% | 0.023% |  |
| 75     | 8.170 | 8.123 | 8.205 | HH | 4345  | 206634 | 5.67% | 0.145% |  |
| 76     | 8.293 | 8.205 | 8.301 | HH | 4687  | 253319 | 6.96% | 0.178% |  |
| 77     | 8.320 | 8.301 | 8.359 | HH | 5045  | 163654 | 4.49% | 0.115% |  |
| 78     | 8.403 | 8.359 | 8.442 | HH | 5006  | 237167 | 6.51% | 0.167% |  |
| 79     | 8.488 | 8.442 | 8.520 | HH | 4786  | 218844 | 6.01% | 0.154% |  |
| 80     | 8.550 | 8.520 | 8.572 | HH | 5268  | 154915 | 4.25% | 0.109% |  |
| 81     | 8.599 | 8.572 | 8.608 | HH | 5196  | 108697 | 2.98% | 0.076% |  |
| 82     | 8.618 | 8.608 | 8.637 | HH | 5335  | 90376  | 2.48% | 0.064% |  |
| 83     | 8.651 | 8.637 | 8.681 | HH | 5431  | 142038 | 3.90% | 0.100% |  |
| 84     | 8.709 | 8.681 | 8.754 | HH | 5703  | 235444 | 6.46% | 0.165% |  |
| 85     | 8.771 | 8.754 | 8.784 | HH | 6291  | 106782 | 2.93% | 0.075% |  |
| 86     | 8.803 | 8.784 | 8.817 | HH | 6701  | 120060 | 3.30% | 0.084% |  |
| 87     | 8.825 | 8.817 | 8.865 | HH | 6150  | 166091 | 4.56% | 0.117% |  |
| 88     | 8.884 | 8.865 | 8.925 | HH | 11475 | 275708 | 7.57% | 0.194% |  |
| 89     | 8.936 | 8.925 | 8.941 | HH | 6415  | 59411  | 1.63% | 0.042% |  |

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|     |        |        |        |    | rters |         |        |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
| 90  | 8.966  | 8.941  | 9.001  | HH | 10913 | 278796  | 7.65%  | 0.196% |
| 91  | 9.012  | 9.001  | 9.039  | HH | 6487  | 138327  | 3.80%  | 0.097% |
| 92  | 9.049  | 9.039  | 9.088  | HH | 6170  | 173544  | 4.76%  | 0.122% |
| 93  | 9.101  | 9.088  | 9.127  | HH | 5863  | 136481  | 3.75%  | 0.096% |
| 94  | 9.148  | 9.127  | 9.188  | HH | 5901  | 213590  | 5.86%  | 0.150% |
| 95  | 9.263  | 9.188  | 9.332  | HH | 9938  | 583223  | 16.01% | 0.410% |
| 96  | 9.347  | 9.332  | 9.378  | HH | 6840  | 182996  | 5.02%  | 0.129% |
| 97  | 9.399  | 9.378  | 9.429  | HH | 6805  | 201003  | 5.52%  | 0.141% |
| 98  | 9.493  | 9.429  | 9.515  | HH | 7412  | 359823  | 9.88%  | 0.253% |
| 99  | 9.537  | 9.515  | 9.581  | HH | 8528  | 289906  | 7.96%  | 0.204% |
| 100 | 9.596  | 9.581  | 9.605  | HH | 6951  | 99189   | 2.72%  | 0.070% |
| 101 | 9.633  | 9.605  | 9.655  | HH | 8496  | 226305  | 6.21%  | 0.159% |
| 102 | 9.672  | 9.655  | 9.692  | HH | 7353  | 157015  | 4.31%  | 0.110% |
| 103 | 9.709  | 9.692  | 9.749  | HH | 7473  | 242045  | 6.65%  | 0.170% |
| 104 | 9.763  | 9.749  | 9.782  | HH | 7271  | 145616  | 4.00%  | 0.102% |
| 105 | 9.812  | 9.782  | 9.846  | HH | 7994  | 288177  | 7.91%  | 0.203% |
| 106 | 9.858  | 9.846  | 9.884  | HH | 7523  | 171077  | 4.70%  | 0.120% |
| 107 | 9.916  | 9.884  | 9.938  | HH | 7961  | 238081  | 6.54%  | 0.167% |
| 108 | 9.966  | 9.938  | 9.989  | HH | 7680  | 229674  | 6.31%  | 0.161% |
| 109 | 10.016 | 9.989  | 10.034 | HH | 8240  | 215935  | 5.93%  | 0.152% |
| 110 | 10.056 | 10.034 | 10.121 | HH | 11483 | 460377  | 12.64% | 0.324% |
| 111 | 10.139 | 10.121 | 10.159 | HH | 8366  | 184381  | 5.06%  | 0.130% |
| 112 | 10.176 | 10.159 | 10.185 | HH | 8182  | 122771  | 3.37%  | 0.086% |
| 113 | 10.205 | 10.185 | 10.248 | HH | 9159  | 320200  | 8.79%  | 0.225% |
| 114 | 10.267 | 10.248 | 10.298 | HH | 8633  | 246142  | 6.76%  | 0.173% |
| 115 | 10.327 | 10.298 | 10.347 | HH | 8636  | 244457  | 6.71%  | 0.172% |
| 116 | 10.374 | 10.347 | 10.395 | HH | 9280  | 250190  | 6.87%  | 0.176% |
| 117 | 10.418 | 10.395 | 10.455 | HH | 10476 | 327216  | 8.98%  | 0.230% |
| 118 | 10.478 | 10.455 | 10.497 | HH | 9248  | 219985  | 6.04%  | 0.155% |
| 119 | 10.505 | 10.497 | 10.526 | HH | 8804  | 153780  | 4.22%  | 0.108% |
| 120 | 10.542 | 10.526 | 10.560 | HH | 8638  | 170766  | 4.69%  | 0.120% |
| 121 | 10.575 | 10.560 | 10.585 | HH | 8630  | 129531  | 3.56%  | 0.091% |
| 122 | 10.602 | 10.585 | 10.632 | HH | 8733  | 239645  | 6.58%  | 0.168% |
| 123 | 10.641 | 10.632 | 10.683 | HH | 8727  | 262005  | 7.19%  | 0.184% |
| 124 | 10.717 | 10.683 | 10.754 | HH | 8914  | 377486  | 10.36% | 0.265% |
| 125 | 10.813 | 10.754 | 10.845 | HH | 9871  | 506467  | 13.91% | 0.356% |
| 126 | 10.858 | 10.845 | 10.868 | HH | 9347  | 129774  | 3.56%  | 0.091% |
| 127 | 10.904 | 10.868 | 10.925 | HH | 10001 | 326793  | 8.97%  | 0.230% |
| 128 | 10.944 | 10.925 | 10.972 | HH | 10784 | 292974  | 8.04%  | 0.206% |
| 129 | 10.985 | 10.972 | 11.015 | HH | 10937 | 267101  | 7.33%  | 0.188% |
| 130 | 11.029 | 11.015 | 11.042 | HH | 10537 | 167370  | 4.60%  | 0.118% |
| 131 | 11.087 | 11.042 | 11.104 | HH | 11970 | 405610  | 11.14% | 0.285% |
| 132 | 11.121 | 11.104 | 11.142 | HH | 13145 | 270213  | 7.42%  | 0.190% |
| 133 | 11.162 | 11.142 | 11.190 | HH | 13029 | 330305  | 9.07%  | 0.232% |
| 134 | 11.232 | 11.190 | 11.249 | HH | 11908 | 385073  | 10.57% | 0.271% |
| 135 | 11.282 | 11.249 | 11.319 | HH | 12826 | 490220  | 13.46% | 0.345% |
| 136 | 11.361 | 11.319 | 11.384 | HH | 11569 | 437029  | 12.00% | 0.307% |
| 137 | 11.409 | 11.384 | 11.430 | HH | 11204 | 299149  | 8.21%  | 0.210% |
| 138 | 11.478 | 11.430 | 11.529 | HH | 61590 | 1209445 | 33.21% | 0.850% |
| 139 | 11.553 | 11.529 | 11.615 | HH | 23381 | 738308  | 20.27% | 0.519% |
| 140 | 11.625 | 11.615 | 11.655 | HH | 11739 | 277989  | 7.63%  | 0.195% |
| 141 | 11.667 | 11.655 | 11.709 | HH | 11672 | 367720  | 10.10% | 0.258% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 142    | 11.757 | 11.709 | 11.809 | HH | 16530  | 758813  | 20.83% | 0.533% |
| 143    | 11.869 | 11.809 | 11.889 | HH | 14139  | 602746  | 16.55% | 0.424% |
| 144    | 11.904 | 11.889 | 11.929 | HH | 12228  | 288315  | 7.92%  | 0.203% |
| 145    | 11.969 | 11.929 | 11.985 | HH | 13036  | 423753  | 11.63% | 0.298% |
| 146    | 12.006 | 11.985 | 12.045 | HH | 15008  | 473178  | 12.99% | 0.333% |
| 147    | 12.066 | 12.045 | 12.086 | HH | 13493  | 313100  | 8.60%  | 0.220% |
| 148    | 12.133 | 12.086 | 12.152 | HH | 13777  | 514650  | 14.13% | 0.362% |
| 149    | 12.169 | 12.152 | 12.221 | HH | 13260  | 541575  | 14.87% | 0.381% |
| 150    | 12.237 | 12.221 | 12.251 | HH | 13258  | 233271  | 6.40%  | 0.164% |
| 151    | 12.284 | 12.251 | 12.300 | HH | 20843  | 477138  | 13.10% | 0.335% |
| 152    | 12.316 | 12.300 | 12.362 | HH | 22272  | 594189  | 16.31% | 0.418% |
| 153    | 12.408 | 12.362 | 12.423 | HH | 22190  | 629829  | 17.29% | 0.443% |
| 154    | 12.436 | 12.423 | 12.451 | HH | 19064  | 287499  | 7.89%  | 0.202% |
| 155    | 12.468 | 12.451 | 12.512 | HH | 20606  | 588427  | 16.16% | 0.414% |
| 156    | 12.541 | 12.512 | 12.574 | HH | 15959  | 568240  | 15.60% | 0.399% |
| 157    | 12.600 | 12.574 | 12.624 | HH | 15329  | 448128  | 12.30% | 0.315% |
| 158    | 12.648 | 12.624 | 12.672 | HH | 19710  | 475079  | 13.04% | 0.334% |
| 159    | 12.688 | 12.672 | 12.722 | HH | 15814  | 460907  | 12.66% | 0.324% |
| 160    | 12.753 | 12.722 | 12.772 | HH | 20047  | 514328  | 14.12% | 0.362% |
| 161    | 12.792 | 12.772 | 12.883 | HH | 22498  | 1197740 | 32.89% | 0.842% |
| 162    | 12.905 | 12.883 | 12.922 | HH | 17122  | 390861  | 10.73% | 0.275% |
| 163    | 12.938 | 12.922 | 12.954 | HH | 16914  | 320226  | 8.79%  | 0.225% |
| 164    | 12.973 | 12.954 | 12.995 | HH | 17134  | 422188  | 11.59% | 0.297% |
| 165    | 13.010 | 12.995 | 13.060 | HH | 17884  | 673464  | 18.49% | 0.473% |
| 166    | 13.080 | 13.060 | 13.122 | HH | 19000  | 651569  | 17.89% | 0.458% |
| 167    | 13.152 | 13.122 | 13.172 | HH | 18981  | 544515  | 14.95% | 0.383% |
| 168    | 13.194 | 13.172 | 13.213 | HH | 23781  | 504747  | 13.86% | 0.355% |
| 169    | 13.229 | 13.213 | 13.244 | HH | 19402  | 355995  | 9.77%  | 0.250% |
| 170    | 13.258 | 13.244 | 13.275 | HH | 19628  | 345713  | 9.49%  | 0.243% |
| 171    | 13.320 | 13.275 | 13.365 | HH | 106608 | 1878131 | 51.57% | 1.320% |
| 172    | 13.381 | 13.365 | 13.394 | HH | 18757  | 319434  | 8.77%  | 0.225% |
| 173    | 13.410 | 13.394 | 13.425 | HH | 19041  | 346925  | 9.53%  | 0.244% |
| 174    | 13.459 | 13.425 | 13.481 | HH | 23311  | 680248  | 18.68% | 0.478% |
| 175    | 13.516 | 13.481 | 13.536 | HH | 23162  | 676362  | 18.57% | 0.475% |
| 176    | 13.564 | 13.536 | 13.586 | HH | 21144  | 602818  | 16.55% | 0.424% |
| 177    | 13.626 | 13.586 | 13.656 | HH | 94494  | 1587705 | 43.59% | 1.116% |
| 178    | 13.675 | 13.656 | 13.689 | HH | 27058  | 459723  | 12.62% | 0.323% |
| 179    | 13.704 | 13.689 | 13.765 | HH | 28340  | 1039606 | 28.54% | 0.731% |
| 180    | 13.792 | 13.765 | 13.809 | HH | 23579  | 573258  | 15.74% | 0.403% |
| 181    | 13.828 | 13.809 | 13.864 | HH | 23056  | 720896  | 19.79% | 0.507% |
| 182    | 13.887 | 13.864 | 13.905 | HH | 26327  | 588845  | 16.17% | 0.414% |
| 183    | 13.914 | 13.905 | 13.927 | HH | 22931  | 303892  | 8.34%  | 0.214% |
| 184    | 13.943 | 13.927 | 13.951 | HH | 23573  | 332798  | 9.14%  | 0.234% |
| 185    | 13.963 | 13.951 | 13.988 | HH | 24316  | 506886  | 13.92% | 0.356% |
| 186    | 14.040 | 13.988 | 14.059 | HH | 27307  | 1040528 | 28.57% | 0.731% |
| 187    | 14.080 | 14.059 | 14.107 | HH | 28917  | 745259  | 20.46% | 0.524% |
| 188    | 14.141 | 14.107 | 14.159 | HH | 23750  | 737668  | 20.25% | 0.518% |
| 189    | 14.212 | 14.159 | 14.255 | HH | 38588  | 1589023 | 43.63% | 1.117% |
| 190    | 14.272 | 14.255 | 14.294 | HH | 25660  | 576470  | 15.83% | 0.405% |
| 191    | 14.320 | 14.294 | 14.347 | HH | 33960  | 908827  | 24.95% | 0.639% |
| 192    | 14.366 | 14.347 | 14.382 | HH | 30999  | 585677  | 16.08% | 0.412% |
| 193    | 14.399 | 14.382 | 14.421 | HH | 27691  | 627424  | 17.23% | 0.441% |
| 194    | 14.465 | 14.421 | 14.480 | HH | 29729  | 968123  | 26.58% | 0.680% |

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ClientSampleId :  
P5-WCG-02

Manual Integrations  
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Instrument :  
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|     |        |        |        |    | rt     | Area    | Height  | Area%  | Height% |
|-----|--------|--------|--------|----|--------|---------|---------|--------|---------|
| 195 | 14.498 | 14.480 | 14.518 | HH | 32965  | 676519  | 18.58%  | 0.476% |         |
| 196 | 14.539 | 14.518 | 14.568 | HH | 30728  | 830843  | 22.81%  | 0.584% |         |
| 197 | 14.609 | 14.568 | 14.624 | HH | 27623  | 902723  | 24.79%  | 0.634% |         |
| 198 | 14.656 | 14.624 | 14.705 | HH | 27838  | 1340733 | 36.81%  | 0.942% |         |
| 199 | 14.717 | 14.705 | 14.729 | HH | 27944  | 386650  | 10.62%  | 0.272% |         |
| 200 | 14.769 | 14.729 | 14.782 | HH | 28700  | 908712  | 24.95%  | 0.639% |         |
| 201 | 14.803 | 14.782 | 14.816 | HH | 29299  | 583258  | 16.01%  | 0.410% |         |
| 202 | 14.824 | 14.816 | 14.842 | HH | 28745  | 437610  | 12.02%  | 0.308% |         |
| 203 | 14.918 | 14.842 | 14.937 | HH | 32792  | 1710513 | 46.97%  | 1.202% |         |
| 204 | 14.959 | 14.937 | 14.995 | HH | 36132  | 1139235 | 31.28%  | 0.801% |         |
| 205 | 15.061 | 14.995 | 15.089 | HH | 33456  | 1788195 | 49.10%  | 1.257% |         |
| 206 | 15.095 | 15.089 | 15.108 | HH | 32249  | 364410  | 10.01%  | 0.256% |         |
| 207 | 15.141 | 15.108 | 15.160 | HH | 38644  | 1082832 | 29.73%  | 0.761% |         |
| 208 | 15.167 | 15.160 | 15.178 | HH | 33220  | 359817  | 9.88%   | 0.253% |         |
| 209 | 15.203 | 15.178 | 15.228 | HH | 41791  | 1112399 | 30.54%  | 0.782% |         |
| 210 | 15.266 | 15.228 | 15.282 | HH | 37975  | 1153729 | 31.68%  | 0.811% |         |
| 211 | 15.301 | 15.282 | 15.347 | HH | 62838  | 1656865 | 45.49%  | 1.165% |         |
| 212 | 15.391 | 15.347 | 15.419 | HH | 36369  | 1497670 | 41.12%  | 1.053% |         |
| 213 | 15.429 | 15.419 | 15.436 | HH | 34754  | 364745  | 10.01%  | 0.256% |         |
| 214 | 15.518 | 15.436 | 15.540 | HH | 80023  | 2796968 | 76.80%  | 1.966% |         |
| 215 | 15.561 | 15.540 | 15.589 | HH | 82117  | 1562703 | 42.91%  | 1.098% |         |
| 216 | 15.619 | 15.589 | 15.634 | HH | 37943  | 1022264 | 28.07%  | 0.719% |         |
| 217 | 15.655 | 15.634 | 15.665 | HH | 40324  | 723074  | 19.85%  | 0.508% |         |
| 218 | 15.688 | 15.665 | 15.716 | HH | 47325  | 1340425 | 36.80%  | 0.942% |         |
| 219 | 15.729 | 15.716 | 15.742 | HH | 41915  | 629568  | 17.29%  | 0.443% |         |
| 220 | 15.754 | 15.742 | 15.778 | HH | 42547  | 896300  | 24.61%  | 0.630% |         |
| 221 | 15.819 | 15.778 | 15.854 | HH | 44350  | 1885142 | 51.76%  | 1.325% |         |
| 222 | 15.871 | 15.854 | 15.920 | HH | 44321  | 1680173 | 46.13%  | 1.181% |         |
| 223 | 15.994 | 15.920 | 16.022 | HH | 47020  | 2705262 | 74.28%  | 1.901% |         |
| 224 | 16.031 | 16.022 | 16.045 | HH | 45793  | 635195  | 17.44%  | 0.446% |         |
| 225 | 16.064 | 16.045 | 16.099 | HH | 46758  | 1460034 | 40.09%  | 1.026% |         |
| 226 | 16.110 | 16.099 | 16.128 | HH | 45756  | 787792  | 21.63%  | 0.554% |         |
| 227 | 16.149 | 16.128 | 16.171 | HH | 48632  | 1181628 | 32.44%  | 0.831% |         |
| 228 | 16.196 | 16.171 | 16.207 | HH | 57629  | 1132738 | 31.10%  | 0.796% |         |
| 229 | 16.225 | 16.207 | 16.270 | HH | 80187  | 2143885 | 58.86%  | 1.507% |         |
| 230 | 16.308 | 16.270 | 16.322 | HH | 49979  | 1491120 | 40.94%  | 1.048% |         |
| 231 | 16.348 | 16.322 | 16.414 | HH | 55001  | 2817796 | 77.37%  | 1.981% |         |
| 232 | 16.433 | 16.414 | 16.460 | HH | 50647  | 1361077 | 37.37%  | 0.957% |         |
| 233 | 16.486 | 16.460 | 16.494 | HH | 50765  | 1034797 | 28.41%  | 0.727% |         |
| 234 | 16.534 | 16.494 | 16.544 | HH | 53410  | 1530375 | 42.02%  | 1.076% |         |
| 235 | 16.562 | 16.544 | 16.597 | HH | 57027  | 1723498 | 47.32%  | 1.211% |         |
| 236 | 16.643 | 16.597 | 16.687 | HH | 54935  | 2883912 | 79.18%  | 2.027% |         |
| 237 | 16.729 | 16.687 | 16.745 | HH | 54373  | 1892022 | 51.95%  | 1.330% |         |
| 238 | 16.792 | 16.745 | 16.819 | HH | 59763  | 2513457 | 69.01%  | 1.767% |         |
| 239 | 16.878 | 16.819 | 16.919 | HH | 60945  | 3541018 | 97.23%  | 2.489% |         |
| 240 | 16.953 | 16.919 | 16.961 | HH | 61174  | 1500868 | 41.21%  | 1.055% |         |
| 241 | 17.007 | 16.961 | 17.047 | HH | 66732  | 3276408 | 89.96%  | 2.303% |         |
| 242 | 17.060 | 17.047 | 17.069 | HH | 64331  | 807675  | 22.18%  | 0.568% |         |
| 243 | 17.098 | 17.069 | 17.116 | HH | 107079 | 2392768 | 65.70%  | 1.682% |         |
| 244 | 17.126 | 17.116 | 17.162 | HH | 82495  | 1972436 | 54.16%  | 1.386% |         |
| 245 | 17.229 | 17.162 | 17.250 | HH | 76533  | 3642053 | 100.00% | 2.560% |         |
| 246 | 17.268 | 17.250 | 17.305 | HH | 71241  | 2312896 | 63.51%  | 1.626% |         |

|     |        |        |        |    | rt     | Area    | %Area  | %Area  |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 17.322 | 17.305 | 17.335 | HH | 69312  | 1242073 | 34.10% | 0.873% |
| 248 | 17.385 | 17.335 | 17.395 | HH | 73396  | 2566833 | 70.48% | 1.804% |
| 249 | 17.427 | 17.395 | 17.453 | HH | 96615  | 2756703 | 75.69% | 1.938% |
| 250 | 17.486 | 17.453 | 17.523 | HH | 108349 | 3451954 | 94.78% | 2.426% |

Sum of corrected areas: 142273320

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