

rteres.txt

## Area Percent Report

Instrument :  
FID\_G  
ClientSampleId :  
HD-02-081718MSD

Manual Integrations  
APPROVED

Sohil  
8/22/2018 1:05:38 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG082118\  
Data File : FG002156.D  
Signal(s) : FID1A.ch  
Acq On : 21 Aug 2018 21:28  
Sample : J4274-03MSD 10X  
Misc :  
ALS Vial : 18 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         | 4.210       | 4.185        | 4.301      | PH       | 14924          | 163617       | 0.31%          | 0.026%        |
| 2         | 4.316       | 4.301        | 4.334      | PH       | 194            | 2521         | 0.00%          | 0.000%        |
| 3         | 4.355       | 4.334        | 4.391      | HH       | 1437           | 21549        | 0.04%          | 0.003%        |
| 4         | 4.423       | 4.391        | 4.555      | HH       | 6555           | 203755       | 0.39%          | 0.033%        |
| 5         | 4.577       | 4.555        | 4.591      | HH       | 768            | 15898        | 0.03%          | 0.003%        |
| 6         | 4.605       | 4.591        | 4.643      | HH       | 1328           | 25685        | 0.05%          | 0.004%        |
| 7         | 4.665       | 4.643        | 4.708      | HH       | 1123           | 26558        | 0.05%          | 0.004%        |
| 8         | 4.730       | 4.708        | 4.755      | HH       | 503            | 11003        | 0.02%          | 0.002%        |
| 9         | 4.761       | 4.755        | 4.778      | HH       | 350            | 3480         | 0.01%          | 0.001%        |
| 10        | 4.848       | 4.778        | 4.872      | HH       | 753            | 21593        | 0.04%          | 0.003%        |
| 11        | 4.894       | 4.872        | 4.907      | HH       | 1166           | 17003        | 0.03%          | 0.003%        |
| 12        | 4.919       | 4.907        | 4.990      | HH       | 947            | 27629        | 0.05%          | 0.004%        |
| 13        | 5.012       | 4.990        | 5.052      | HH       | 1128           | 27283        | 0.05%          | 0.004%        |
| 14        | 5.064       | 5.052        | 5.089      | HH       | 698            | 12716        | 0.02%          | 0.002%        |
| 15        | 5.124       | 5.089        | 5.164      | HH       | 677            | 20134        | 0.04%          | 0.003%        |
| 16        | 5.191       | 5.164        | 5.222      | HH       | 621            | 12099        | 0.02%          | 0.002%        |
| 17        | 5.244       | 5.222        | 5.262      | HH       | 1764           | 24088        | 0.05%          | 0.004%        |
| 18        | 5.272       | 5.262        | 5.285      | HH       | 1059           | 11848        | 0.02%          | 0.002%        |
| 19        | 5.293       | 5.285        | 5.344      | HH       | 750            | 16824        | 0.03%          | 0.003%        |
| 20        | 5.358       | 5.344        | 5.393      | HH       | 234            | 3711         | 0.01%          | 0.001%        |
| 21        | 5.424       | 5.393        | 5.474      | HH       | 1061           | 23356        | 0.04%          | 0.004%        |
| 22        | 5.517       | 5.474        | 5.527      | HH       | 4374           | 67497        | 0.13%          | 0.011%        |
| 23        | 5.539       | 5.527        | 5.556      | HH       | 4858           | 68773        | 0.13%          | 0.011%        |
| 24        | 5.564       | 5.556        | 5.673      | HH       | 3497           | 99984        | 0.19%          | 0.016%        |
| 25        | 5.694       | 5.673        | 5.706      | HH       | 614            | 9652         | 0.02%          | 0.002%        |
| 26        | 5.742       | 5.706        | 5.758      | HH       | 1262           | 27237        | 0.05%          | 0.004%        |
| 27        | 5.781       | 5.758        | 5.825      | HH       | 184003         | 2019643      | 3.88%          | 0.326%        |
| 28        | 5.833       | 5.825        | 5.905      | HH       | 7307           | 190055       | 0.37%          | 0.031%        |
| 29        | 5.916       | 5.905        | 5.941      | HH       | 2474           | 45632        | 0.09%          | 0.007%        |
| 30        | 5.955       | 5.941        | 5.984      | HH       | 1964           | 40980        | 0.08%          | 0.007%        |
| 31        | 6.020       | 5.984        | 6.111      | HH       | 1925           | 103580       | 0.20%          | 0.017%        |
| 32        | 6.172       | 6.111        | 6.198      | HH       | 1767           | 74739        | 0.14%          | 0.012%        |
| 33        | 6.220       | 6.198        | 6.271      | HH       | 18545          | 240777       | 0.46%          | 0.039%        |
| 34        | 6.283       | 6.271        | 6.289      | HH       | 1319           | 13364        | 0.03%          | 0.002%        |
| 35        | 6.296       | 6.289        | 6.314      | HH       | 1338           | 18213        | 0.04%          | 0.003%        |
| 36        | 6.337       | 6.314        | 6.350      | HH       | 1745           | 30026        | 0.06%          | 0.005%        |

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|------------|-------|-------|-------|----|--------|---------|--------|--------|
| 37         | 6.365 | 6.350 | 6.383 | HH | 2087   | 31322   | 0.06%  | 0.005% |
| 38         | 6.401 | 6.383 | 6.448 | HH | 1924   | 47601   | 0.09%  | 0.008% |
| 39         | 6.494 | 6.448 | 6.512 | HH | 2261   | 50357   | 0.10%  | 0.008% |
| 40         | 6.537 | 6.512 | 6.555 | HH | 2758   | 53948   | 0.10%  | 0.009% |
| 41         | 6.562 | 6.555 | 6.581 | HH | 2578   | 36969   | 0.07%  | 0.006% |
| 42         | 6.612 | 6.581 | 6.637 | HH | 4218   | 90838   | 0.17%  | 0.015% |
| 43         | 6.655 | 6.637 | 6.686 | HH | 2198   | 53544   | 0.10%  | 0.009% |
| 44         | 6.743 | 6.686 | 6.757 | HH | 4125   | 98672   | 0.19%  | 0.016% |
| 45         | 6.772 | 6.757 | 6.801 | HH | 3963   | 84045   | 0.16%  | 0.014% |
| 46         | 6.834 | 6.801 | 6.901 | HH | 100006 | 1308945 | 2.52%  | 0.211% |
| 47         | 6.924 | 6.901 | 6.943 | HH | 6209   | 122837  | 0.24%  | 0.020% |
| 48         | 6.967 | 6.943 | 7.096 | HH | 98649  | 1338030 | 2.57%  | 0.216% |
| 49         | 7.141 | 7.096 | 7.169 | HH | 4555   | 124156  | 0.24%  | 0.020% |
| 50         | 7.196 | 7.169 | 7.251 | HH | 2906   | 114573  | 0.22%  | 0.018% |
| 51         | 7.267 | 7.251 | 7.286 | HH | 1889   | 36672   | 0.07%  | 0.006% |
| 52         | 7.312 | 7.286 | 7.341 | HH | 3231   | 78061   | 0.15%  | 0.013% |
| 53         | 7.360 | 7.341 | 7.387 | HH | 2686   | 61285   | 0.12%  | 0.010% |
| 54         | 7.417 | 7.387 | 7.437 | HH | 2728   | 62658   | 0.12%  | 0.010% |
| 55         | 7.469 | 7.437 | 7.489 | HH | 2330   | 61634   | 0.12%  | 0.010% |
| 56         | 7.501 | 7.489 | 7.526 | HH | 2179   | 43119   | 0.08%  | 0.007% |
| 57         | 7.562 | 7.526 | 7.640 | HH | 24903  | 484815  | 0.93%  | 0.078% |
| 58         | 7.661 | 7.640 | 7.680 | HH | 4050   | 79975   | 0.15%  | 0.013% |
| 59         | 7.716 | 7.680 | 7.748 | HH | 23455  | 437227  | 0.84%  | 0.070% |
| 60         | 7.759 | 7.748 | 7.774 | HH | 6952   | 94642   | 0.18%  | 0.015% |
| 61         | 7.825 | 7.774 | 7.874 | HH | 47695  | 1194787 | 2.30%  | 0.193% |
| 62         | 7.887 | 7.874 | 7.899 | HH | 4892   | 70470   | 0.14%  | 0.011% |
| 63         | 7.928 | 7.899 | 7.944 | HH | 119606 | 1337856 | 2.57%  | 0.216% |
| 64         | 7.955 | 7.944 | 7.977 | HH | 68151  | 798781  | 1.54%  | 0.129% |
| 65         | 8.009 | 7.977 | 8.038 | HH | 29336  | 631180  | 1.21%  | 0.102% |
| 66         | 8.110 | 8.038 | 8.180 | HH | 180342 | 3288346 | 6.32%  | 0.530% |
| 67         | 8.202 | 8.180 | 8.234 | HH | 29340  | 449333  | 0.86%  | 0.072% |
| 68         | 8.249 | 8.234 | 8.320 | HH | 7167   | 239440  | 0.46%  | 0.039% |
| 69         | 8.405 | 8.320 | 8.437 | HH | 389848 | 4349998 | 8.36%  | 0.701% |
| 70         | 8.456 | 8.437 | 8.498 | HH | 30573  | 539949  | 1.04%  | 0.087% |
| 71         | 8.526 | 8.498 | 8.560 | HH | 15237  | 364120  | 0.70%  | 0.059% |
| 72         | 8.596 | 8.560 | 8.615 | HH | 9577   | 263373  | 0.51%  | 0.042% |
| 73         | 8.646 | 8.615 | 8.659 | HH | 43856  | 596771  | 1.15%  | 0.096% |
| 74         | 8.679 | 8.659 | 8.709 | HH | 222819 | 2558819 | 4.92%  | 0.412% |
| 75         | 8.717 | 8.709 | 8.752 | HH | 17221  | 334001  | 0.64%  | 0.054% |
| 76         | 8.772 | 8.752 | 8.798 | HH | 15125  | 316337  | 0.61%  | 0.051% |
| 77         | 8.817 | 8.798 | 8.838 | HH | 38275  | 549475  | 1.06%  | 0.089% |
| 78         | 8.858 | 8.838 | 8.902 | HH | 47490  | 755938  | 1.45%  | 0.122% |
| 79         | 8.922 | 8.902 | 8.945 | HH | 11029  | 208675  | 0.40%  | 0.034% |
| 80         | 8.971 | 8.945 | 8.989 | HH | 48580  | 625917  | 1.20%  | 0.101% |
| 81         | 9.005 | 8.989 | 9.032 | HH | 37989  | 516862  | 0.99%  | 0.083% |
| 82         | 9.056 | 9.032 | 9.073 | HH | 25350  | 380460  | 0.73%  | 0.061% |
| 83         | 9.108 | 9.073 | 9.131 | HH | 44734  | 814541  | 1.57%  | 0.131% |
| 84         | 9.150 | 9.131 | 9.164 | HH | 23276  | 311513  | 0.60%  | 0.050% |
| 85         | 9.191 | 9.164 | 9.244 | HH | 455330 | 5532982 | 10.64% | 0.892% |
| 86         | 9.268 | 9.244 | 9.286 | HH | 53719  | 716284  | 1.38%  | 0.115% |
| 87         | 9.310 | 9.286 | 9.320 | HH | 35515  | 560744  | 1.08%  | 0.090% |
| 88         | 9.339 | 9.320 | 9.381 | HH | 83318  | 1508588 | 2.90%  | 0.243% |
| 89         | 9.399 | 9.381 | 9.435 | HH | 52522  | 864937  | 1.66%  | 0.139% |

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|------------|--------|--------|--------|----|---------|----------|--------|--------|
| 90         | 9.452  | 9.435  | 9.486  | HH | 22097   | 479143   | 0.92%  | 0.077% |
| 91         | 9.512  | 9.486  | 9.547  | HH | 92208   | 1363771  | 2.62%  | 0.220% |
| 92         | 9.564  | 9.547  | 9.582  | HH | 20532   | 336810   | 0.65%  | 0.054% |
| 93         | 9.612  | 9.582  | 9.658  | HH | 133243  | 2208188  | 4.25%  | 0.356% |
| 94         | 9.673  | 9.658  | 9.692  | HH | 28503   | 442762   | 0.85%  | 0.071% |
| 95         | 9.705  | 9.692  | 9.739  | HH | 16389   | 340891   | 0.66%  | 0.055% |
| 96         | 9.776  | 9.739  | 9.841  | HH | 16112   | 585940   | 1.13%  | 0.094% |
| 97         | 9.880  | 9.841  | 9.915  | HH | 11565   | 369706   | 0.71%  | 0.060% |
| 98         | 9.935  | 9.915  | 9.971  | HH | 19951   | 448844   | 0.86%  | 0.072% |
| 99         | 10.001 | 9.971  | 10.017 | HH | 13205   | 322800   | 0.62%  | 0.052% |
| 100        | 10.071 | 10.017 | 10.094 | HH | 98035   | 1938183  | 3.73%  | 0.312% |
| 101        | 10.112 | 10.094 | 10.153 | HH | 57692   | 1013170  | 1.95%  | 0.163% |
| 102        | 10.188 | 10.153 | 10.227 | HH | 67818   | 1454868  | 2.80%  | 0.234% |
| 103        | 10.254 | 10.227 | 10.300 | HH | 144844  | 2404281  | 4.62%  | 0.387% |
| 104        | 10.323 | 10.300 | 10.335 | HH | 23273   | 397912   | 0.77%  | 0.064% |
| 105        | 10.361 | 10.335 | 10.370 | HH | 69719   | 980104   | 1.88%  | 0.158% |
| 106        | 10.394 | 10.370 | 10.438 | HH | 175087  | 3085807  | 5.93%  | 0.497% |
| 107        | 10.464 | 10.438 | 10.479 | HH | 22481   | 499948   | 0.96%  | 0.081% |
| 108        | 10.502 | 10.479 | 10.524 | HH | 42809   | 782855   | 1.51%  | 0.126% |
| 109        | 10.617 | 10.524 | 10.649 | HH | 2531726 | 39971996 | 76.85% | 6.442% |
| 110        | 10.679 | 10.649 | 10.701 | HH | 942073  | 10869152 | 20.90% | 1.752% |
| 111        | 10.710 | 10.701 | 10.738 | HH | 48860   | 818098   | 1.57%  | 0.132% |
| 112        | 10.752 | 10.738 | 10.796 | HH | 29901   | 802548   | 1.54%  | 0.129% |
| 113        | 10.805 | 10.796 | 10.824 | HH | 17328   | 274343   | 0.53%  | 0.044% |
| 114        | 10.853 | 10.824 | 10.871 | HH | 42143   | 757155   | 1.46%  | 0.122% |
| 115        | 10.894 | 10.871 | 10.931 | HH | 240848  | 3352219  | 6.45%  | 0.540% |
| 116        | 10.956 | 10.931 | 10.972 | HH | 24709   | 561896   | 1.08%  | 0.091% |
| 117        | 10.995 | 10.972 | 11.011 | HH | 29944   | 602896   | 1.16%  | 0.097% |
| 118        | 11.023 | 11.011 | 11.035 | HH | 29395   | 391135   | 0.75%  | 0.063% |
| 119        | 11.051 | 11.035 | 11.067 | HH | 38324   | 602077   | 1.16%  | 0.097% |
| 120        | 11.086 | 11.067 | 11.095 | HH | 38736   | 578289   | 1.11%  | 0.093% |
| 121        | 11.123 | 11.095 | 11.162 | HH | 117208  | 2332112  | 4.48%  | 0.376% |
| 122        | 11.192 | 11.162 | 11.224 | HH | 56064   | 1358327  | 2.61%  | 0.219% |
| 123        | 11.245 | 11.224 | 11.270 | HH | 58005   | 1035542  | 1.99%  | 0.167% |
| 124        | 11.297 | 11.270 | 11.340 | HH | 46397   | 1227365  | 2.36%  | 0.198% |
| 125        | 11.397 | 11.340 | 11.412 | HH | 331446  | 4658861  | 8.96%  | 0.751% |
| 126        | 11.430 | 11.412 | 11.471 | HH | 426540  | 5505668  | 10.59% | 0.887% |
| 127        | 11.513 | 11.471 | 11.531 | HH | 473289  | 7598285  | 14.61% | 1.225% |
| 128        | 11.546 | 11.531 | 11.559 | HH | 205635  | 2502982  | 4.81%  | 0.403% |
| 129        | 11.577 | 11.559 | 11.615 | HH | 303394  | 4083248  | 7.85%  | 0.658% |
| 130        | 11.635 | 11.615 | 11.650 | HH | 33299   | 536960   | 1.03%  | 0.087% |
| 131        | 11.672 | 11.650 | 11.707 | HH | 48917   | 1185730  | 2.28%  | 0.191% |
| 132        | 11.730 | 11.707 | 11.753 | HH | 38243   | 813497   | 1.56%  | 0.131% |
| 133        | 11.781 | 11.753 | 11.840 | HH | 185492  | 3537536  | 6.80%  | 0.570% |
| 134        | 11.866 | 11.840 | 11.912 | HH | 238971  | 3790752  | 7.29%  | 0.611% |
| 135        | 11.929 | 11.912 | 11.974 | HH | 39826   | 1198873  | 2.31%  | 0.193% |
| 136        | 12.010 | 11.974 | 12.031 | HH | 45801   | 1080910  | 2.08%  | 0.174% |
| 137        | 12.066 | 12.031 | 12.080 | HH | 29409   | 814223   | 1.57%  | 0.131% |
| 138        | 12.119 | 12.080 | 12.129 | HH | 68025   | 1308644  | 2.52%  | 0.211% |
| 139        | 12.137 | 12.129 | 12.164 | HH | 64486   | 1056309  | 2.03%  | 0.170% |
| 140        | 12.185 | 12.164 | 12.240 | HH | 92453   | 2379793  | 4.58%  | 0.384% |
| 141        | 12.276 | 12.240 | 12.289 | HH | 181072  | 2930889  | 5.64%  | 0.472% |

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|------------|--------|--------|--------|----|---------|----------|---------|--------|
| 142        | 12.299 | 12.289 | 12.324 | HH | 169896  | 2636901  | 5.07%   | 0.425% |
| 143        | 12.366 | 12.324 | 12.387 | HH | 92817   | 3037033  | 5.84%   | 0.489% |
| 144        | 12.450 | 12.387 | 12.473 | HH | 2786646 | 52011018 | 100.00% | 8.383% |
| 145        | 12.494 | 12.473 | 12.533 | HH | 75136   | 1713922  | 3.30%   | 0.276% |
| 146        | 12.558 | 12.533 | 12.574 | HH | 102401  | 1722377  | 3.31%   | 0.278% |
| 147        | 12.603 | 12.574 | 12.630 | HH | 185810  | 3437185  | 6.61%   | 0.554% |
| 148        | 12.662 | 12.630 | 12.684 | HH | 107922  | 2477276  | 4.76%   | 0.399% |
| 149        | 12.744 | 12.684 | 12.761 | HH | 2223122 | 39562413 | 76.07%  | 6.376% |
| 150        | 12.777 | 12.761 | 12.791 | HH | 376720  | 4249528  | 8.17%   | 0.685% |
| 151        | 12.807 | 12.791 | 12.857 | HH | 371084  | 5764894  | 11.08%  | 0.929% |
| 152        | 12.890 | 12.857 | 12.905 | HH | 131721  | 2132119  | 4.10%   | 0.344% |
| 153        | 12.923 | 12.905 | 12.952 | HH | 150063  | 2481623  | 4.77%   | 0.400% |
| 154        | 12.984 | 12.952 | 13.020 | HH | 196295  | 3403404  | 6.54%   | 0.549% |
| 155        | 13.065 | 13.020 | 13.089 | HH | 102683  | 2555840  | 4.91%   | 0.412% |
| 156        | 13.112 | 13.089 | 13.131 | HH | 123641  | 1944641  | 3.74%   | 0.313% |
| 157        | 13.176 | 13.131 | 13.234 | HH | 216722  | 5256752  | 10.11%  | 0.847% |
| 158        | 13.310 | 13.234 | 13.349 | HH | 475099  | 9705903  | 18.66%  | 1.564% |
| 159        | 13.370 | 13.349 | 13.388 | HH | 72190   | 1315845  | 2.53%   | 0.212% |
| 160        | 13.415 | 13.388 | 13.436 | HH | 327790  | 4960365  | 9.54%   | 0.799% |
| 161        | 13.454 | 13.436 | 13.474 | HH | 245832  | 3513451  | 6.76%   | 0.566% |
| 162        | 13.486 | 13.474 | 13.510 | HH | 109354  | 1699462  | 3.27%   | 0.274% |
| 163        | 13.581 | 13.510 | 13.602 | HH | 207094  | 6309782  | 12.13%  | 1.017% |
| 164        | 13.622 | 13.602 | 13.666 | HH | 189636  | 3642905  | 7.00%   | 0.587% |
| 165        | 13.708 | 13.666 | 13.757 | HH | 71868   | 3291743  | 6.33%   | 0.531% |
| 166        | 13.777 | 13.757 | 13.794 | HH | 58802   | 1159067  | 2.23%   | 0.187% |
| 167        | 13.807 | 13.794 | 13.848 | HH | 53927   | 1557178  | 2.99%   | 0.251% |
| 168        | 13.890 | 13.848 | 13.926 | HH | 66656   | 2365204  | 4.55%   | 0.381% |
| 169        | 13.941 | 13.926 | 13.953 | HH | 40002   | 621373   | 1.19%   | 0.100% |
| 170        | 14.011 | 13.953 | 14.029 | HH | 93626   | 3132810  | 6.02%   | 0.505% |
| 171        | 14.057 | 14.029 | 14.092 | HH | 229325  | 4339257  | 8.34%   | 0.699% |
| 172        | 14.118 | 14.092 | 14.130 | HH | 76735   | 1600536  | 3.08%   | 0.258% |
| 173        | 14.143 | 14.130 | 14.193 | HH | 81914   | 2365728  | 4.55%   | 0.381% |
| 174        | 14.223 | 14.193 | 14.248 | HH | 286504  | 4915398  | 9.45%   | 0.792% |
| 175        | 14.282 | 14.248 | 14.310 | HH | 353532  | 7585726  | 14.58%  | 1.223% |
| 176        | 14.332 | 14.310 | 14.351 | HH | 181738  | 3400817  | 6.54%   | 0.548% |
| 177        | 14.371 | 14.351 | 14.418 | HH | 248457  | 4920944  | 9.46%   | 0.793% |
| 178        | 14.468 | 14.418 | 14.528 | HH | 136100  | 5110587  | 9.83%   | 0.824% |
| 179        | 14.618 | 14.528 | 14.637 | HH | 1260585 | 26421872 | 50.80%  | 4.258% |
| 180        | 14.664 | 14.637 | 14.685 | HH | 1321435 | 19754866 | 37.98%  | 3.184% |
| 181        | 14.699 | 14.685 | 14.727 | HH | 74686   | 1729779  | 3.33%   | 0.279% |
| 182        | 14.770 | 14.727 | 14.818 | HH | 400162  | 9426369  | 18.12%  | 1.519% |
| 183        | 14.855 | 14.818 | 14.885 | HH | 176770  | 4144450  | 7.97%   | 0.668% |
| 184        | 14.913 | 14.885 | 14.930 | HH | 208471  | 3542112  | 6.81%   | 0.571% |
| 185        | 14.947 | 14.930 | 14.994 | HH | 176742  | 4194380  | 8.06%   | 0.676% |
| 186        | 15.042 | 14.994 | 15.078 | HH | 112558  | 4932091  | 9.48%   | 0.795% |
| 187        | 15.088 | 15.078 | 15.125 | HH | 85540   | 2099553  | 4.04%   | 0.338% |
| 188        | 15.152 | 15.125 | 15.173 | HH | 83000   | 2150377  | 4.13%   | 0.347% |
| 189        | 15.183 | 15.173 | 15.201 | HH | 81233   | 1217974  | 2.34%   | 0.196% |
| 190        | 15.228 | 15.201 | 15.244 | HH | 118828  | 2432696  | 4.68%   | 0.392% |
| 191        | 15.276 | 15.244 | 15.296 | HH | 325503  | 5697413  | 10.95%  | 0.918% |
| 192        | 15.312 | 15.296 | 15.345 | HH | 180336  | 3624322  | 6.97%   | 0.584% |
| 193        | 15.363 | 15.345 | 15.395 | HH | 140341  | 3212365  | 6.18%   | 0.518% |
| 194        | 15.431 | 15.395 | 15.481 | HH | 228267  | 7929234  | 15.25%  | 1.278% |

Instrument :  
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ClientSampleId :  
HD-02-081718MSD

Manual Integrations  
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|-------------------------|--------|--------|--------|----|-----------|----------|--------|--------|
| 195                     | 15.505 | 15.481 | 15.537 | HH | 154354    | 3563196  | 6.85%  | 0.574% |
| 196                     | 15.551 | 15.537 | 15.570 | HH | 79797     | 1493258  | 2.87%  | 0.241% |
| 197                     | 15.594 | 15.570 | 15.622 | HH | 114648    | 2609216  | 5.02%  | 0.421% |
| 198                     | 15.685 | 15.622 | 15.727 | HH | 149168    | 5954108  | 11.45% | 0.960% |
| 199                     | 15.746 | 15.727 | 15.793 | HH | 88426     | 2965582  | 5.70%  | 0.478% |
| 200                     | 15.817 | 15.793 | 15.841 | HH | 74238     | 2018049  | 3.88%  | 0.325% |
| 201                     | 15.871 | 15.841 | 15.896 | HH | 98733     | 2734622  | 5.26%  | 0.441% |
| 202                     | 15.932 | 15.896 | 15.940 | HH | 109710    | 2453547  | 4.72%  | 0.395% |
| 203                     | 15.964 | 15.940 | 15.998 | HH | 148085    | 3948082  | 7.59%  | 0.636% |
| 204                     | 16.085 | 15.998 | 16.121 | HH | 129602    | 6972072  | 13.40% | 1.124% |
| 205                     | 16.195 | 16.121 | 16.239 | HH | 1154733   | 36183619 | 69.57% | 5.832% |
| 206                     | 16.247 | 16.239 | 16.267 | HH | 97333     | 1517478  | 2.92%  | 0.245% |
| 207                     | 16.308 | 16.267 | 16.373 | HH | 361492    | 9712375  | 18.67% | 1.565% |
| 208                     | 16.454 | 16.373 | 16.471 | HH | 233159    | 8124534  | 15.62% | 1.309% |
| 209                     | 16.511 | 16.471 | 16.536 | HH | 771824    | 16016808 | 30.80% | 2.581% |
| 210                     | 16.579 | 16.536 | 16.618 | HH | 1139955   | 21365971 | 41.08% | 3.444% |
| 211                     | 16.663 | 16.618 | 16.687 | HH | 444936    | 9024009  | 17.35% | 1.454% |
| Sum of corrected areas: |        |        |        |    | 620460578 |          |        |        |

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