

Instrument :  
FID\_E  
ClientSampleId :  
TP-7-A

rteres

## Area Percent Report

Manual Integrations  
APPROVED

Sohil  
4/3/2020 4:16:22 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE040220\  
Data File : FE031661.D  
Signal(s) : FID1B.CH  
Acq On : 03 Apr 2020 2:19  
Sample : L2129-12 5X  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE031020.M  
Title :

Signal : FID1B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 2.150       | 2.125        | 2.272      | BH       | 446            | -58001       | -0.10%         | -0.004%       |
| 2         | 2.281       | 2.272        | 2.308      | PH       | -1329          | -30559       | -0.05%         | -0.002%       |
| 3         | 2.325       | 2.308        | 2.355      | PH       | -975           | -38640       | -0.07%         | -0.003%       |
| 4         | 2.367       | 2.355        | 2.387      | PH       | -1356          | -29688       | -0.05%         | -0.002%       |
| 5         | 2.401       | 2.387        | 2.435      | PH       | -1113          | -51937       | -0.09%         | -0.004%       |
| 6         | 2.450       | 2.435        | 2.484      | PH       | -1745          | -63476       | -0.11%         | -0.005%       |
| 7         | 2.494       | 2.484        | 2.562      | PH       | -2215          | -118362      | -0.21%         | -0.009%       |
| 8         | 2.587       | 2.562        | 2.642      | PH       | -2462          | -134791      | -0.24%         | -0.010%       |
| 9         | 2.675       | 2.642        | 2.713      | PH       | -2171          | -115069      | -0.20%         | -0.009%       |
| 10        | 2.731       | 2.713        | 2.764      | PH       | -2362          | -82175       | -0.14%         | -0.006%       |
| 11        | 2.775       | 2.764        | 2.795      | PH       | -2730          | -55841       | -0.10%         | -0.004%       |
| 12        | 2.806       | 2.795        | 2.822      | PH       | -3169          | -51382       | -0.09%         | -0.004%       |
| 13        | 2.880       | 2.822        | 2.906      | PH       | -2592          | -148945      | -0.26%         | -0.011%       |
| 14        | 2.930       | 2.906        | 2.946      | PH       | -2886          | -73885       | -0.13%         | -0.005%       |
| 15        | 2.954       | 2.946        | 2.987      | PH       | -3085          | -80058       | -0.14%         | -0.006%       |
| 16        | 3.000       | 2.987        | 3.031      | PH       | -3414          | -91720       | -0.16%         | -0.007%       |
| 17        | 3.049       | 3.031        | 3.066      | PH       | -2834          | -68913       | -0.12%         | -0.005%       |
| 18        | 3.077       | 3.066        | 3.088      | PH       | -3425          | -46061       | -0.08%         | -0.003%       |
| 19        | 3.122       | 3.088        | 3.202      | PH       | -2647          | -229622      | -0.40%         | -0.017%       |
| 20        | 3.221       | 3.202        | 3.237      | PH       | -3514          | -77930       | -0.14%         | -0.006%       |
| 21        | 3.247       | 3.237        | 3.265      | PH       | -3585          | -60715       | -0.11%         | -0.004%       |
| 22        | 3.283       | 3.265        | 3.294      | PH       | -3311          | -60245       | -0.11%         | -0.004%       |
| 23        | 3.308       | 3.294        | 3.345      | PH       | -3146          | -106189      | -0.19%         | -0.008%       |
| 24        | 3.366       | 3.345        | 3.384      | PH       | -2926          | -77799       | -0.14%         | -0.006%       |
| 25        | 3.394       | 3.384        | 3.410      | PH       | -3176          | -53467       | -0.09%         | -0.004%       |
| 26        | 3.431       | 3.410        | 3.454      | PH       | -3272          | -92859       | -0.16%         | -0.007%       |
| 27        | 3.473       | 3.454        | 3.508      | PH       | -3009          | -110970      | -0.19%         | -0.008%       |
| 28        | 3.539       | 3.508        | 3.567      | PH       | -3019          | -118147      | -0.21%         | -0.009%       |
| 29        | 3.591       | 3.567        | 3.610      | PH       | -3086          | -84245       | -0.15%         | -0.006%       |
| 30        | 3.626       | 3.610        | 3.655      | PH       | -2430          | -85794       | -0.15%         | -0.006%       |
| 31        | 3.676       | 3.655        | 3.718      | PH       | -2834          | -125905      | -0.22%         | -0.009%       |
| 32        | 3.742       | 3.718        | 3.768      | PH       | -2963          | -99804       | -0.17%         | -0.007%       |
| 33        | 3.786       | 3.768        | 3.802      | PH       | -3032          | -65485       | -0.11%         | -0.005%       |
| 34        | 3.812       | 3.802        | 3.830      | PH       | -3252          | -57190       | -0.10%         | -0.004%       |
| 35        | 3.847       | 3.830        | 3.871      | PH       | -3296          | -85182       | -0.15%         | -0.006%       |
| 36        | 3.929       | 3.871        | 3.968      | PH       | -1891          | -159425      | -0.28%         | -0.012%       |

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|    |       |       |       |    | rteres |         |        |         |
|----|-------|-------|-------|----|--------|---------|--------|---------|
| 37 | 3.985 | 3.968 | 4.030 | PH | -2363  | -97362  | -0.17% | -0.007% |
| 38 | 4.057 | 4.030 | 4.080 | PH | -2655  | -85529  | -0.15% | -0.006% |
| 39 | 4.100 | 4.080 | 4.116 | PH | -2854  | -63808  | -0.11% | -0.005% |
| 40 | 4.152 | 4.116 | 4.212 | PH | -1875  | -155245 | -0.27% | -0.011% |
| 41 | 4.224 | 4.212 | 4.271 | PH | -2657  | -109099 | -0.19% | -0.008% |
| 42 | 4.303 | 4.271 | 4.352 | PH | -308   | -87598  | -0.15% | -0.006% |
| 43 | 4.373 | 4.352 | 4.385 | PH | -1207  | -35072  | -0.06% | -0.003% |
| 44 | 4.399 | 4.385 | 4.438 | PH | -654   | -56763  | -0.10% | -0.004% |
| 45 | 4.450 | 4.438 | 4.495 | PH | -2456  | -96466  | -0.17% | -0.007% |
| 46 | 4.508 | 4.495 | 4.525 | PH | -2985  | -55810  | -0.10% | -0.004% |
| 47 | 4.545 | 4.525 | 4.581 | PH | -2717  | -96221  | -0.17% | -0.007% |
| 48 | 4.605 | 4.581 | 4.638 | PH | 85     | -64229  | -0.11% | -0.005% |
| 49 | 4.650 | 4.638 | 4.682 | PH | -2624  | -72408  | -0.13% | -0.005% |
| 50 | 4.697 | 4.682 | 4.719 | PH | -2799  | -66410  | -0.12% | -0.005% |
| 51 | 4.755 | 4.719 | 4.772 | PH | -2676  | -93958  | -0.16% | -0.007% |
| 52 | 4.784 | 4.772 | 4.800 | PH | -2632  | -47789  | -0.08% | -0.004% |
| 53 | 4.834 | 4.800 | 4.858 | PH | -476   | -52754  | -0.09% | -0.004% |
| 54 | 4.869 | 4.858 | 4.916 | PH | -1367  | -58613  | -0.10% | -0.004% |
| 55 | 4.930 | 4.916 | 4.947 | PH | -2100  | -40316  | -0.07% | -0.003% |
| 56 | 4.971 | 4.947 | 4.990 | PH | -1770  | -54126  | -0.09% | -0.004% |
| 57 | 5.030 | 4.990 | 5.130 | PH | -1726  | -182308 | -0.32% | -0.013% |
| 58 | 5.145 | 5.130 | 5.158 | PH | -2516  | -43741  | -0.08% | -0.003% |
| 59 | 5.184 | 5.158 | 5.230 | PH | 509    | -66375  | -0.12% | -0.005% |
| 60 | 5.251 | 5.230 | 5.274 | PH | -2348  | -65919  | -0.12% | -0.005% |
| 61 | 5.289 | 5.274 | 5.321 | PH | -2378  | -72810  | -0.13% | -0.005% |
| 62 | 5.363 | 5.321 | 5.407 | PH | -472   | -84126  | -0.15% | -0.006% |
| 63 | 5.419 | 5.407 | 5.435 | PH | -2226  | -39104  | -0.07% | -0.003% |
| 64 | 5.456 | 5.435 | 5.494 | PH | 3426   | 14113   | 0.02%  | 0.001%  |
| 65 | 5.510 | 5.494 | 5.549 | PH | 169    | -13242  | -0.02% | -0.001% |
| 66 | 5.557 | 5.549 | 5.603 | PH | -719   | -50999  | -0.09% | -0.004% |
| 67 | 5.626 | 5.603 | 5.646 | PH | -1629  | -52958  | -0.09% | -0.004% |
| 68 | 5.683 | 5.646 | 5.698 | PH | 129    | -26712  | -0.05% | -0.002% |
| 69 | 5.721 | 5.698 | 5.834 | PH | 90075  | 1529671 | 2.67%  | 0.113%  |
| 70 | 5.847 | 5.834 | 5.861 | HH | 2053   | 28410   | 0.05%  | 0.002%  |
| 71 | 5.874 | 5.861 | 5.918 | HH | 1939   | 39380   | 0.07%  | 0.003%  |
| 72 | 5.935 | 5.918 | 6.012 | HH | 915    | -1028   | -0.00% | -0.000% |
| 73 | 6.027 | 6.012 | 6.034 | PH | -483   | -7818   | -0.01% | -0.001% |
| 74 | 6.053 | 6.034 | 6.090 | PH | 233    | -10972  | -0.02% | -0.001% |
| 75 | 6.107 | 6.090 | 6.128 | PH | -609   | -20773  | -0.04% | -0.002% |
| 76 | 6.154 | 6.128 | 6.188 | PH | 1465   | -13506  | -0.02% | -0.001% |
| 77 | 6.242 | 6.188 | 6.250 | PH | 826    | 8297    | 0.01%  | 0.001%  |
| 78 | 6.268 | 6.250 | 6.282 | HH | 2283   | 26829   | 0.05%  | 0.002%  |
| 79 | 6.299 | 6.282 | 6.382 | HH | 4291   | 43603   | 0.08%  | 0.003%  |
| 80 | 6.391 | 6.382 | 6.408 | PH | -673   | -13076  | -0.02% | -0.001% |
| 81 | 6.428 | 6.408 | 6.447 | PH | 1710   | 4515    | 0.01%  | 0.000%  |
| 82 | 6.464 | 6.447 | 6.485 | PH | 1411   | 7953    | 0.01%  | 0.001%  |
| 83 | 6.543 | 6.485 | 6.642 | PH | 3772   | 121830  | 0.21%  | 0.009%  |
| 84 | 6.703 | 6.642 | 6.735 | HH | 4585   | 122704  | 0.21%  | 0.009%  |
| 85 | 6.769 | 6.735 | 6.830 | HH | 150307 | 2082523 | 3.64%  | 0.154%  |
| 86 | 6.849 | 6.830 | 6.877 | HH | 12999  | 256438  | 0.45%  | 0.019%  |
| 87 | 6.901 | 6.877 | 7.033 | HH | 146168 | 2219212 | 3.88%  | 0.164%  |
| 88 | 7.072 | 7.033 | 7.111 | HH | 7721   | 163141  | 0.29%  | 0.012%  |
| 89 | 7.146 | 7.111 | 7.176 | HH | 2891   | 82863   | 0.14%  | 0.006%  |

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|     |        |        |        |    | rt     | Area    | Area%  | Height |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 90  | 7.194  | 7.176  | 7.217  | HH | 2015   | 37327   | 0.07%  | 0.003% |
| 91  | 7.244  | 7.217  | 7.262  | HH | 4466   | 76871   | 0.13%  | 0.006% |
| 92  | 7.288  | 7.262  | 7.322  | HH | 4220   | 124640  | 0.22%  | 0.009% |
| 93  | 7.339  | 7.322  | 7.367  | HH | 4313   | 81057   | 0.14%  | 0.006% |
| 94  | 7.402  | 7.367  | 7.416  | HH | 4658   | 83132   | 0.15%  | 0.006% |
| 95  | 7.435  | 7.416  | 7.466  | HH | 5390   | 119512  | 0.21%  | 0.009% |
| 96  | 7.498  | 7.466  | 7.579  | HH | 32064  | 691206  | 1.21%  | 0.051% |
| 97  | 7.601  | 7.579  | 7.621  | HH | 5341   | 115039  | 0.20%  | 0.009% |
| 98  | 7.649  | 7.621  | 7.682  | HH | 41216  | 690685  | 1.21%  | 0.051% |
| 99  | 7.690  | 7.682  | 7.707  | HH | 9382   | 120096  | 0.21%  | 0.009% |
| 100 | 7.757  | 7.707  | 7.832  | HH | 82518  | 2097028 | 3.67%  | 0.155% |
| 101 | 7.860  | 7.832  | 7.876  | HH | 218749 | 2528343 | 4.42%  | 0.187% |
| 102 | 7.888  | 7.876  | 7.923  | HH | 126527 | 1802702 | 3.15%  | 0.133% |
| 103 | 7.939  | 7.923  | 7.977  | HH | 26550  | 495295  | 0.87%  | 0.037% |
| 104 | 8.040  | 7.977  | 8.112  | HH | 154613 | 4485208 | 7.84%  | 0.332% |
| 105 | 8.134  | 8.112  | 8.164  | HH | 55387  | 828741  | 1.45%  | 0.061% |
| 106 | 8.181  | 8.164  | 8.251  | HH | 14759  | 398070  | 0.70%  | 0.029% |
| 107 | 8.290  | 8.251  | 8.297  | HH | 10168  | 187807  | 0.33%  | 0.014% |
| 108 | 8.336  | 8.297  | 8.370  | HH | 573823 | 6749637 | 11.80% | 0.500% |
| 109 | 8.390  | 8.370  | 8.444  | HH | 65030  | 1283732 | 2.24%  | 0.095% |
| 110 | 8.466  | 8.444  | 8.495  | HH | 32644  | 672539  | 1.18%  | 0.050% |
| 111 | 8.505  | 8.495  | 8.516  | HH | 12343  | 144121  | 0.25%  | 0.011% |
| 112 | 8.532  | 8.516  | 8.550  | HH | 15485  | 266863  | 0.47%  | 0.020% |
| 113 | 8.577  | 8.550  | 8.592  | HH | 105278 | 1360327 | 2.38%  | 0.101% |
| 114 | 8.612  | 8.592  | 8.684  | HH | 389627 | 5405158 | 9.45%  | 0.400% |
| 115 | 8.707  | 8.684  | 8.728  | HH | 32412  | 632175  | 1.11%  | 0.047% |
| 116 | 8.750  | 8.728  | 8.772  | HH | 79521  | 1260462 | 2.20%  | 0.093% |
| 117 | 8.789  | 8.772  | 8.851  | HH | 91659  | 1598163 | 2.79%  | 0.118% |
| 118 | 8.863  | 8.851  | 8.877  | HH | 11438  | 168339  | 0.29%  | 0.012% |
| 119 | 8.901  | 8.877  | 8.920  | HH | 96363  | 1244199 | 2.18%  | 0.092% |
| 120 | 8.937  | 8.920  | 8.969  | HH | 87935  | 1310381 | 2.29%  | 0.097% |
| 121 | 8.991  | 8.969  | 9.004  | HH | 33333  | 527116  | 0.92%  | 0.039% |
| 122 | 9.038  | 9.004  | 9.065  | HH | 112129 | 2002962 | 3.50%  | 0.148% |
| 123 | 9.081  | 9.065  | 9.095  | HH | 31621  | 464348  | 0.81%  | 0.034% |
| 124 | 9.122  | 9.095  | 9.174  | HH | 478718 | 6492251 | 11.35% | 0.481% |
| 125 | 9.199  | 9.174  | 9.218  | HH | 120053 | 1710955 | 2.99%  | 0.127% |
| 126 | 9.241  | 9.218  | 9.251  | HH | 89826  | 1278069 | 2.23%  | 0.095% |
| 127 | 9.270  | 9.251  | 9.295  | HH | 203713 | 2890145 | 5.05%  | 0.214% |
| 128 | 9.330  | 9.295  | 9.372  | HH | 129755 | 2586002 | 4.52%  | 0.191% |
| 129 | 9.385  | 9.372  | 9.401  | HH | 26003  | 408804  | 0.71%  | 0.030% |
| 130 | 9.444  | 9.401  | 9.482  | HH | 264806 | 4098406 | 7.17%  | 0.303% |
| 131 | 9.497  | 9.482  | 9.514  | HH | 49413  | 793366  | 1.39%  | 0.059% |
| 132 | 9.545  | 9.514  | 9.576  | HH | 377392 | 5563130 | 9.73%  | 0.412% |
| 133 | 9.605  | 9.576  | 9.626  | HH | 90020  | 1797512 | 3.14%  | 0.133% |
| 134 | 9.635  | 9.626  | 9.668  | HH | 42347  | 822044  | 1.44%  | 0.061% |
| 135 | 9.708  | 9.668  | 9.779  | HH | 42609  | 1543042 | 2.70%  | 0.114% |
| 136 | 9.810  | 9.779  | 9.845  | HH | 17731  | 632235  | 1.11%  | 0.047% |
| 137 | 9.865  | 9.845  | 9.898  | HH | 46488  | 941323  | 1.65%  | 0.070% |
| 138 | 9.916  | 9.898  | 9.948  | HH | 37289  | 925584  | 1.62%  | 0.069% |
| 139 | 10.002 | 9.948  | 10.028 | HH | 164232 | 4032746 | 7.05%  | 0.299% |
| 140 | 10.046 | 10.028 | 10.088 | HH | 102182 | 2201012 | 3.85%  | 0.163% |
| 141 | 10.119 | 10.088 | 10.160 | HH | 148158 | 3457691 | 6.05%  | 0.256% |

| rteres |        |        |        |    |         |          |         |        |
|--------|--------|--------|--------|----|---------|----------|---------|--------|
| 142    | 10.193 | 10.160 | 10.237 | HH | 430704  | 7442431  | 13.01%  | 0.551% |
| 143    | 10.252 | 10.237 | 10.265 | HH | 67682   | 988882   | 1.73%   | 0.073% |
| 144    | 10.292 | 10.265 | 10.305 | HH | 232586  | 3590202  | 6.28%   | 0.266% |
| 145    | 10.326 | 10.305 | 10.370 | HH | 314910  | 6994133  | 12.23%  | 0.518% |
| 146    | 10.395 | 10.370 | 10.410 | HH | 67942   | 1454837  | 2.54%   | 0.108% |
| 147    | 10.436 | 10.410 | 10.478 | HH | 142044  | 3707277  | 6.48%   | 0.274% |
| 148    | 10.557 | 10.478 | 10.590 | HH | 3052717 | 57187380 | 100.00% | 4.233% |
| 149    | 10.615 | 10.590 | 10.644 | HH | 1031287 | 12378771 | 21.65%  | 0.916% |
| 150    | 10.658 | 10.644 | 10.679 | HH | 107860  | 1756573  | 3.07%   | 0.130% |
| 151    | 10.695 | 10.679 | 10.729 | HH | 75673   | 1866445  | 3.26%   | 0.138% |
| 152    | 10.738 | 10.729 | 10.761 | HH | 55122   | 926016   | 1.62%   | 0.069% |
| 153    | 10.795 | 10.761 | 10.812 | HH | 135395  | 2590801  | 4.53%   | 0.192% |
| 154    | 10.838 | 10.812 | 10.905 | HH | 435373  | 8649185  | 15.12%  | 0.640% |
| 155    | 10.927 | 10.905 | 10.943 | HH | 91904   | 1714289  | 3.00%   | 0.127% |
| 156    | 10.956 | 10.943 | 10.995 | HH | 74625   | 1983786  | 3.47%   | 0.147% |
| 157    | 11.056 | 10.995 | 11.097 | HH | 237250  | 7460120  | 13.05%  | 0.552% |
| 158    | 11.124 | 11.097 | 11.141 | HH | 163507  | 2882623  | 5.04%   | 0.213% |
| 159    | 11.171 | 11.141 | 11.200 | HH | 154630  | 4143532  | 7.25%   | 0.307% |
| 160    | 11.241 | 11.200 | 11.288 | HH | 126971  | 4382638  | 7.66%   | 0.324% |
| 161    | 11.334 | 11.288 | 11.349 | HH | 686755  | 10947848 | 19.14%  | 0.810% |
| 162    | 11.369 | 11.349 | 11.410 | HH | 971847  | 14823561 | 25.92%  | 1.097% |
| 163    | 11.442 | 11.410 | 11.464 | HH | 578452  | 10650498 | 18.62%  | 0.788% |
| 164    | 11.483 | 11.464 | 11.495 | HH | 426656  | 5659828  | 9.90%   | 0.419% |
| 165    | 11.514 | 11.495 | 11.557 | HH | 732599  | 10633924 | 18.59%  | 0.787% |
| 166    | 11.579 | 11.557 | 11.597 | HH | 116937  | 2149943  | 3.76%   | 0.159% |
| 167    | 11.618 | 11.597 | 11.657 | HH | 155107  | 4099240  | 7.17%   | 0.303% |
| 168    | 11.677 | 11.657 | 11.693 | HH | 101421  | 2030516  | 3.55%   | 0.150% |
| 169    | 11.726 | 11.693 | 11.774 | HH | 502268  | 11103382 | 19.42%  | 0.822% |
| 170    | 11.800 | 11.774 | 11.865 | HH | 405100  | 8974693  | 15.69%  | 0.664% |
| 171    | 11.878 | 11.865 | 11.899 | HH | 98010   | 1890880  | 3.31%   | 0.140% |
| 172    | 11.932 | 11.899 | 11.965 | HH | 153392  | 4529416  | 7.92%   | 0.335% |
| 173    | 11.978 | 11.965 | 11.989 | HH | 92014   | 1291622  | 2.26%   | 0.096% |
| 174    | 11.999 | 11.989 | 12.016 | HH | 89244   | 1352505  | 2.37%   | 0.100% |
| 175    | 12.047 | 12.016 | 12.059 | HH | 154277  | 3064230  | 5.36%   | 0.227% |
| 176    | 12.068 | 12.059 | 12.086 | HH | 146831  | 2151451  | 3.76%   | 0.159% |
| 177    | 12.118 | 12.086 | 12.177 | HH | 269554  | 8176324  | 14.30%  | 0.605% |
| 178    | 12.227 | 12.177 | 12.257 | HH | 489431  | 12881433 | 22.52%  | 0.954% |
| 179    | 12.298 | 12.257 | 12.325 | HH | 249424  | 8875849  | 15.52%  | 0.657% |
| 180    | 12.381 | 12.325 | 12.417 | HH | 2385611 | 50772254 | 88.78%  | 3.758% |
| 181    | 12.445 | 12.417 | 12.472 | HH | 163589  | 3976751  | 6.95%   | 0.294% |
| 182    | 12.511 | 12.472 | 12.525 | HH | 190641  | 4732199  | 8.27%   | 0.350% |
| 183    | 12.540 | 12.525 | 12.565 | HH | 216490  | 4371073  | 7.64%   | 0.324% |
| 184    | 12.605 | 12.565 | 12.624 | HH | 297696  | 7010269  | 12.26%  | 0.519% |
| 185    | 12.674 | 12.624 | 12.692 | HH | 2076474 | 36825344 | 64.39%  | 2.726% |
| 186    | 12.710 | 12.692 | 12.723 | HH | 407360  | 5358506  | 9.37%   | 0.397% |
| 187    | 12.743 | 12.723 | 12.768 | HH | 623329  | 9052318  | 15.83%  | 0.670% |
| 188    | 12.785 | 12.768 | 12.801 | HH | 146678  | 2616579  | 4.58%   | 0.194% |
| 189    | 12.825 | 12.801 | 12.848 | HH | 314300  | 5618086  | 9.82%   | 0.416% |
| 190    | 12.869 | 12.848 | 12.897 | HH | 173233  | 4304724  | 7.53%   | 0.319% |
| 191    | 12.919 | 12.897 | 12.960 | HH | 374855  | 7708021  | 13.48%  | 0.571% |
| 192    | 12.982 | 12.960 | 13.002 | HH | 206069  | 3799160  | 6.64%   | 0.281% |
| 193    | 13.011 | 13.002 | 13.025 | HH | 127628  | 1613517  | 2.82%   | 0.119% |
| 194    | 13.047 | 13.025 | 13.081 | HH | 236308  | 5655954  | 9.89%   | 0.419% |

Instrument :  
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ClientSampleId :  
TP-7-A

Manual Integrations  
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| rteres |        |        |        |    |         |          |        |        |
|--------|--------|--------|--------|----|---------|----------|--------|--------|
| 195    | 13.112 | 13.081 | 13.135 | HH | 419691  | 8304357  | 14.52% | 0.615% |
| 196    | 13.147 | 13.135 | 13.176 | HH | 176876  | 3442624  | 6.02%  | 0.255% |
| 197    | 13.246 | 13.176 | 13.278 | HH | 583147  | 16250100 | 28.42% | 1.203% |
| 198    | 13.303 | 13.278 | 13.323 | HH | 200967  | 4201455  | 7.35%  | 0.311% |
| 199    | 13.349 | 13.323 | 13.367 | HH | 268911  | 4911353  | 8.59%  | 0.364% |
| 200    | 13.391 | 13.367 | 13.438 | HH | 451198  | 11085004 | 19.38% | 0.821% |
| 201    | 13.518 | 13.438 | 13.541 | HH | 375933  | 15093051 | 26.39% | 1.117% |
| 202    | 13.560 | 13.541 | 13.594 | HH | 369828  | 6996183  | 12.23% | 0.518% |
| 203    | 13.612 | 13.594 | 13.625 | HH | 156093  | 2699517  | 4.72%  | 0.200% |
| 204    | 13.638 | 13.625 | 13.648 | HH | 159850  | 2087758  | 3.65%  | 0.155% |
| 205    | 13.667 | 13.648 | 13.694 | HH | 198433  | 4649962  | 8.13%  | 0.344% |
| 206    | 13.707 | 13.694 | 13.724 | HH | 137050  | 2395785  | 4.19%  | 0.177% |
| 207    | 13.740 | 13.724 | 13.784 | HH | 137824  | 4268446  | 7.46%  | 0.316% |
| 208    | 13.828 | 13.784 | 13.865 | HH | 141366  | 5778873  | 10.11% | 0.428% |
| 209    | 13.906 | 13.865 | 13.918 | HH | 166466  | 4433896  | 7.75%  | 0.328% |
| 210    | 13.944 | 13.918 | 13.975 | HH | 181880  | 5751448  | 10.06% | 0.426% |
| 211    | 14.003 | 13.975 | 14.034 | HH | 535350  | 10381871 | 18.15% | 0.768% |
| 212    | 14.052 | 14.034 | 14.062 | HH | 157184  | 2472012  | 4.32%  | 0.183% |
| 213    | 14.081 | 14.062 | 14.108 | HH | 177568  | 4278968  | 7.48%  | 0.317% |
| 214    | 14.115 | 14.108 | 14.128 | HH | 130623  | 1474360  | 2.58%  | 0.109% |
| 215    | 14.170 | 14.128 | 14.189 | HH | 350412  | 9432254  | 16.49% | 0.698% |
| 216    | 14.214 | 14.189 | 14.245 | HH | 457358  | 11420314 | 19.97% | 0.845% |
| 217    | 14.272 | 14.245 | 14.295 | HH | 295041  | 7131225  | 12.47% | 0.528% |
| 218    | 14.321 | 14.295 | 14.358 | HH | 486443  | 11075168 | 19.37% | 0.820% |
| 219    | 14.388 | 14.358 | 14.476 | HH | 279273  | 12389842 | 21.67% | 0.917% |
| 220    | 14.548 | 14.476 | 14.569 | HH | 1128116 | 27382198 | 47.88% | 2.027% |
| 221    | 14.599 | 14.569 | 14.633 | HH | 1333492 | 26226493 | 45.86% | 1.941% |
| 222    | 14.645 | 14.633 | 14.663 | HH | 182291  | 2955309  | 5.17%  | 0.219% |
| 223    | 14.696 | 14.663 | 14.714 | HH | 307231  | 6748907  | 11.80% | 0.500% |
| 224    | 14.728 | 14.714 | 14.764 | HH | 245685  | 5722558  | 10.01% | 0.424% |
| 225    | 14.807 | 14.764 | 14.827 | HH | 224038  | 6554096  | 11.46% | 0.485% |
| 226    | 14.883 | 14.827 | 14.947 | HH | 317446  | 15139503 | 26.47% | 1.121% |
| 227    | 14.987 | 14.947 | 15.001 | HH | 233954  | 6331992  | 11.07% | 0.469% |
| 228    | 15.011 | 15.001 | 15.071 | HH | 233604  | 7771423  | 13.59% | 0.575% |
| 229    | 15.094 | 15.071 | 15.106 | HH | 174501  | 3298573  | 5.77%  | 0.244% |
| 230    | 15.117 | 15.106 | 15.139 | HH | 167853  | 3011401  | 5.27%  | 0.223% |
| 231    | 15.163 | 15.139 | 15.181 | HH | 205646  | 4270562  | 7.47%  | 0.316% |
| 232    | 15.212 | 15.181 | 15.233 | HH | 566300  | 10780676 | 18.85% | 0.798% |
| 233    | 15.249 | 15.233 | 15.288 | HH | 348481  | 7922158  | 13.85% | 0.586% |
| 234    | 15.314 | 15.288 | 15.330 | HH | 194815  | 4549759  | 7.96%  | 0.337% |
| 235    | 15.356 | 15.330 | 15.369 | HH | 268901  | 5450733  | 9.53%  | 0.403% |
| 236    | 15.382 | 15.369 | 15.422 | HH | 268661  | 6573040  | 11.49% | 0.487% |
| 237    | 15.439 | 15.422 | 15.462 | HH | 221490  | 4418063  | 7.73%  | 0.327% |
| 238    | 15.479 | 15.462 | 15.506 | HH | 161471  | 3998674  | 6.99%  | 0.296% |
| 239    | 15.528 | 15.506 | 15.577 | HH | 179966  | 6016530  | 10.52% | 0.445% |
| 240    | 15.627 | 15.577 | 15.686 | HH | 225707  | 10327248 | 18.06% | 0.764% |
| 241    | 15.705 | 15.686 | 15.728 | HH | 148260  | 3469236  | 6.07%  | 0.257% |
| 242    | 15.759 | 15.728 | 15.776 | HH | 130428  | 3668218  | 6.41%  | 0.272% |
| 243    | 15.805 | 15.776 | 15.829 | HH | 161974  | 4500975  | 7.87%  | 0.333% |
| 244    | 15.846 | 15.829 | 15.857 | HH | 153529  | 2428492  | 4.25%  | 0.180% |
| 245    | 15.899 | 15.857 | 15.934 | HH | 221299  | 8565949  | 14.98% | 0.634% |
| 246    | 15.959 | 15.934 | 15.968 | HH | 153329  | 2952030  | 5.16%  | 0.219% |

Instrument :  
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ClientSampleId :  
TP-7-A

Manual Integrations  
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| rteres |        |        |        |    |         |          |        |        |
|--------|--------|--------|--------|----|---------|----------|--------|--------|
| 247    | 16.005 | 15.968 | 16.067 | HH | 194813  | 9952585  | 17.40% | 0.737% |
| 248    | 16.124 | 16.067 | 16.210 | HH | 1002219 | 38053023 | 66.54% | 2.817% |
| 249    | 16.240 | 16.210 | 16.308 | HH | 363787  | 11957545 | 20.91% | 0.885% |
| 250    | 16.359 | 16.308 | 16.371 | HH | 181715  | 5807298  | 10.15% | 0.430% |
| 251    | 16.439 | 16.371 | 16.466 | HH | 605821  | 18117202 | 31.68% | 1.341% |
| 252    | 16.505 | 16.466 | 16.570 | HH | 913175  | 22524183 | 39.39% | 1.667% |
| 253    | 16.594 | 16.570 | 16.615 | HH | 303599  | 5883733  | 10.29% | 0.436% |
| 254    | 16.627 | 16.615 | 16.646 | HH | 183715  | 3236265  | 5.66%  | 0.240% |
| 255    | 16.662 | 16.646 | 16.685 | HH | 178431  | 3848027  | 6.73%  | 0.285% |
| 256    | 16.727 | 16.685 | 16.772 | HH | 241160  | 10247096 | 17.92% | 0.759% |
| 257    | 16.787 | 16.772 | 16.810 | HH | 163282  | 3558130  | 6.22%  | 0.263% |
| 258    | 16.873 | 16.810 | 16.914 | HH | 232299  | 11522551 | 20.15% | 0.853% |
| 259    | 16.993 | 16.914 | 17.046 | HH | 240175  | 13810343 | 24.15% | 1.022% |
| 260    | 17.078 | 17.046 | 17.124 | HH | 200022  | 7859863  | 13.74% | 0.582% |
| 261    | 17.151 | 17.124 | 17.222 | HH | 192878  | 9202022  | 16.09% | 0.681% |
| 262    | 17.245 | 17.222 | 17.282 | HH | 145506  | 4894816  | 8.56%  | 0.362% |
| 263    | 17.284 | 17.282 | 17.302 | HH | 133154  | 1556000  | 2.72%  | 0.115% |
| 264    | 17.328 | 17.302 | 17.362 | HH | 136669  | 4628052  | 8.09%  | 0.343% |
| 265    | 17.389 | 17.362 | 17.410 | HH | 123969  | 3489351  | 6.10%  | 0.258% |
| 266    | 17.446 | 17.410 | 17.485 | HH | 186176  | 6879333  | 12.03% | 0.509% |
| 267    | 17.506 | 17.485 | 17.530 | HH | 159613  | 4061778  | 7.10%  | 0.301% |
| 268    | 17.562 | 17.530 | 17.571 | HH | 176026  | 3889899  | 6.80%  | 0.288% |
| 269    | 17.579 | 17.571 | 17.605 | HH | 177499  | 3360119  | 5.88%  | 0.249% |
| 270    | 17.628 | 17.605 | 17.646 | HH | 193147  | 4236346  | 7.41%  | 0.314% |
| 271    | 17.667 | 17.646 | 17.742 | HH | 206265  | 9695754  | 16.95% | 0.718% |
| 272    | 17.775 | 17.742 | 17.833 | HH | 251670  | 10337219 | 18.08% | 0.765% |
| 273    | 17.875 | 17.833 | 17.932 | HH | 423693  | 15056418 | 26.33% | 1.115% |
| 274    | 17.944 | 17.932 | 17.972 | HH | 189127  | 4035823  | 7.06%  | 0.299% |
| 275    | 17.999 | 17.972 | 18.015 | HH | 249893  | 5193471  | 9.08%  | 0.384% |
| 276    | 18.030 | 18.015 | 18.064 | HH | 242369  | 5971406  | 10.44% | 0.442% |
| 277    | 18.076 | 18.064 | 18.099 | HH | 173115  | 3385903  | 5.92%  | 0.251% |
| 278    | 18.128 | 18.099 | 18.170 | HH | 352483  | 9343877  | 16.34% | 0.692% |
| 279    | 18.224 | 18.170 | 18.237 | HH | 165714  | 6310270  | 11.03% | 0.467% |
| 280    | 18.266 | 18.237 | 18.328 | HH | 216335  | 8655024  | 15.13% | 0.641% |
| 281    | 18.368 | 18.328 | 18.410 | HH | 136935  | 6421969  | 11.23% | 0.475% |
| 282    | 18.442 | 18.410 | 18.479 | HH | 143083  | 5497652  | 9.61%  | 0.407% |
| 283    | 18.500 | 18.479 | 18.519 | HH | 138689  | 3186396  | 5.57%  | 0.236% |
| 284    | 18.556 | 18.519 | 18.594 | HH | 155884  | 6190546  | 10.83% | 0.458% |
| 285    | 18.642 | 18.594 | 18.695 | HH | 147949  | 8135935  | 14.23% | 0.602% |
| 286    | 18.739 | 18.695 | 18.775 | HH | 137306  | 5971651  | 10.44% | 0.442% |
| 287    | 18.808 | 18.775 | 18.902 | HH | 124329  | 8815716  | 15.42% | 0.653% |
| 288    | 18.911 | 18.902 | 18.929 | HH | 106757  | 1717122  | 3.00%  | 0.127% |
| 289    | 18.966 | 18.929 | 18.975 | HH | 107936  | 2918503  | 5.10%  | 0.216% |
| 290    | 18.990 | 18.975 | 19.023 | HH | 108943  | 3077864  | 5.38%  | 0.228% |
| 291    | 19.050 | 19.023 | 19.075 | HH | 118006  | 3429794  | 6.00%  | 0.254% |
| 292    | 19.097 | 19.075 | 19.112 | HH | 111132  | 2448172  | 4.28%  | 0.181% |
| 293    | 19.138 | 19.112 | 19.162 | HH | 114598  | 3307681  | 5.78%  | 0.245% |
| 294    | 19.171 | 19.162 | 19.180 | HH | 105913  | 1138906  | 1.99%  | 0.084% |
| 295    | 19.203 | 19.180 | 19.227 | HH | 110821  | 3025800  | 5.29%  | 0.224% |
| 296    | 19.283 | 19.227 | 19.321 | HH | 195167  | 7874938  | 13.77% | 0.583% |
| 297    | 19.353 | 19.321 | 19.392 | HH | 175648  | 6333809  | 11.08% | 0.469% |
| 298    | 19.416 | 19.392 | 19.536 | HH | 140609  | 10487837 | 18.34% | 0.776% |
| 299    | 19.577 | 19.536 | 19.627 | HH | 115866  | 5779766  | 10.11% | 0.428% |

Instrument :  
FID\_E  
ClientSampleId :  
TP-7-A

Manual Integrations  
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Instrument :  
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TP-7-A

Manual Integrations  
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|                         |        |        |        |    | rt         | Area    | Area%  | Height |
|-------------------------|--------|--------|--------|----|------------|---------|--------|--------|
| 300                     | 19.669 | 19.627 | 19.711 | HH | 169366     | 6480037 | 11.33% | 0.480% |
| 301                     | 19.742 | 19.711 | 19.762 | HH | 125023     | 3584128 | 6.27%  | 0.265% |
| 302                     | 19.790 | 19.762 | 19.872 | HH | 121946     | 7414650 | 12.97% | 0.549% |
| 303                     | 19.919 | 19.872 | 19.998 | HH | 106006     | 7804224 | 13.65% | 0.578% |
| 304                     | 20.007 | 19.998 | 20.058 | HH | 100163     | 3509305 | 6.14%  | 0.260% |
| 305                     | 20.078 | 20.058 | 20.103 | HH | 95771      | 2537240 | 4.44%  | 0.188% |
| 306                     | 20.144 | 20.103 | 20.203 | HH | 102850     | 5796495 | 10.14% | 0.429% |
| 307                     | 20.218 | 20.203 | 20.228 | HH | 93000      | 1419659 | 2.48%  | 0.105% |
| 308                     | 20.298 | 20.228 | 20.319 | HH | 95164      | 5099438 | 8.92%  | 0.377% |
| 309                     | 20.335 | 20.319 | 20.382 | HH | 95319      | 3506199 | 6.13%  | 0.260% |
| 310                     | 20.400 | 20.382 | 20.433 | HH | 91814      | 2835968 | 4.96%  | 0.210% |
| 311                     | 20.447 | 20.433 | 20.466 | HH | 91122      | 1768130 | 3.09%  | 0.131% |
| 312                     | 20.491 | 20.466 | 20.562 | HH | 92448      | 5088026 | 8.90%  | 0.377% |
| 313                     | 20.567 | 20.562 | 20.631 | HH | 86733      | 3568679 | 6.24%  | 0.264% |
| 314                     | 20.674 | 20.631 | 20.721 | HH | 90558      | 4731130 | 8.27%  | 0.350% |
| 315                     | 20.745 | 20.721 | 20.815 | HH | 88351      | 4796770 | 8.39%  | 0.355% |
| 316                     | 20.862 | 20.815 | 20.908 | HH | 86595      | 4674484 | 8.17%  | 0.346% |
| 317                     | 20.945 | 20.908 | 20.977 | HH | 83754      | 3393924 | 5.93%  | 0.251% |
| 318                     | 21.040 | 20.977 | 21.101 | HH | 89921      | 6291020 | 11.00% | 0.466% |
| 319                     | 21.118 | 21.101 | 21.176 | HH | 81543      | 3577842 | 6.26%  | 0.265% |
| 320                     | 21.200 | 21.176 | 21.225 | HH | 76956      | 2217864 | 3.88%  | 0.164% |
| 321                     | 21.245 | 21.225 | 21.261 | HH | 77046      | 1661913 | 2.91%  | 0.123% |
| 322                     | 21.290 | 21.261 | 21.314 | HH | 78413      | 2432384 | 4.25%  | 0.180% |
| 323                     | 21.325 | 21.314 | 21.370 | HH | 78431      | 2561416 | 4.48%  | 0.190% |
| Sum of corrected areas: |        |        |        |    | 1350947710 |         |        |        |

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