

Instrument :

FID\_E

ClientSampleId :

G-5-4-6-7

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE03182  
Data File : FE035425.D  
Signal(s) : FID1B.CH  
Acq On : 19 Mar 2022 3:11  
Sample : N1972-07  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Reviewed By :Yogesh Patel 03/21/2022

Supervised By :mohammad ahmed 03/21/2022

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\FE030922.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         | 2.116       | 2.102        | 2.167      | BH       | 107            | -928         | -0.00%         | -0.000%       |
| 2         | 2.169       | 2.167        | 2.173      | PH       | -86            | -354         | -0.00%         | -0.000%       |
| 3         | 2.186       | 2.173        | 2.211      | PH       | 188            | -845         | -0.00%         | -0.000%       |
| 4         | 2.214       | 2.211        | 2.225      | PH       | -167           | -1955        | -0.01%         | -0.000%       |
| 5         | 2.232       | 2.225        | 2.249      | PH       | -184           | -3921        | -0.02%         | -0.000%       |
| 6         | 2.259       | 2.249        | 2.264      | PH       | -261           | -2564        | -0.01%         | -0.000%       |
| 7         | 2.268       | 2.264        | 2.289      | PH       | -283           | -5162        | -0.02%         | -0.000%       |
| 8         | 2.292       | 2.289        | 2.303      | PH       | -306           | -3171        | -0.01%         | -0.000%       |
| 9         | 2.319       | 2.303        | 2.331      | PH       | -237           | -5255        | -0.02%         | -0.000%       |
| 10        | 2.334       | 2.331        | 2.347      | PH       | -274           | -3241        | -0.01%         | -0.000%       |
| 11        | 2.365       | 2.347        | 2.398      | PH       | 45             | -6735        | -0.03%         | -0.001%       |
| 12        | 2.410       | 2.398        | 2.437      | PH       | 605            | -662         | -0.00%         | -0.000%       |
| 13        | 2.450       | 2.437        | 2.459      | PH       | -106           | -3019        | -0.01%         | -0.000%       |
| 14        | 2.465       | 2.459        | 2.481      | PH       | -192           | -4542        | -0.02%         | -0.000%       |
| 15        | 2.499       | 2.481        | 2.511      | PH       | -35            | -4644        | -0.02%         | -0.000%       |
| 16        | 2.541       | 2.511        | 2.578      | PH       | -105           | -11887       | -0.05%         | -0.001%       |
| 17        | 2.582       | 2.578        | 2.609      | PH       | -307           | -7606        | -0.03%         | -0.001%       |
| 18        | 2.632       | 2.609        | 2.662      | PH       | 612            | -5097        | -0.02%         | -0.000%       |
| 19        | 2.666       | 2.662        | 2.701      | PH       | -441           | -12094       | -0.05%         | -0.001%       |
| 20        | 2.720       | 2.701        | 2.771      | PH       | 1642           | 4774         | 0.02%          | 0.000%        |
| 21        | 2.784       | 2.771        | 2.801      | PH       | -256           | -7223        | -0.03%         | -0.001%       |
| 22        | 2.822       | 2.801        | 2.859      | PH       | -314           | -16289       | -0.07%         | -0.001%       |
| 23        | 2.862       | 2.859        | 2.867      | PH       | -560           | -2698        | -0.01%         | -0.000%       |
| 24        | 2.898       | 2.867        | 2.922      | PH       | 471            | -2020        | -0.01%         | -0.000%       |
| 25        | 2.939       | 2.922        | 2.964      | PH       | 1072           | 5291         | 0.02%          | 0.000%        |
| 26        | 2.974       | 2.964        | 3.047      | PH       | 146            | -9318        | -0.04%         | -0.001%       |
| 27        | 3.058       | 3.047        | 3.072      | PH       | -289           | -5608        | -0.02%         | -0.000%       |
| 28        | 3.076       | 3.072        | 3.101      | PH       | -310           | -6494        | -0.03%         | -0.001%       |
| 29        | 3.104       | 3.101        | 3.109      | PH       | -426           | -2233        | -0.01%         | -0.000%       |
| 30        | 3.121       | 3.109        | 3.136      | PH       | -240           | -5869        | -0.02%         | -0.000%       |
| 31        | 3.143       | 3.136        | 3.153      | PH       | -371           | -4697        | -0.02%         | -0.000%       |
| 32        | 3.162       | 3.153        | 3.169      | PH       | -429           | -4348        | -0.02%         | -0.000%       |
| 33        | 3.182       | 3.169        | 3.244      | PH       | 56             | -20902       | -0.09%         | -0.002%       |
| 34        | 3.262       | 3.244        | 3.268      | PH       | -588           | -9370        | -0.04%         | -0.001%       |
| 35        | 3.282       | 3.268        | 3.297      | PH       | -531           | -9775        | -0.04%         | -0.001%       |
| 36        | 3.302       | 3.297        | 3.311      | PH       | -515           | -5048        | -0.02%         | -0.000%       |

|    |       |       |       |    |      |        |        |         |
|----|-------|-------|-------|----|------|--------|--------|---------|
| 37 | 3.325 | 3.311 | 3.332 | PH | -521 | -7673  | -0.03% | -0.001% |
| 38 | 3.336 | 3.332 | 3.349 | PH | -591 | -6362  | -0.03% | -0.001% |
| 39 | 3.355 | 3.349 | 3.358 | PH | -539 | -3285  | -0.03% | -0.001% |
| 40 | 3.367 | 3.358 | 3.418 | PH | -260 | -22400 | -0.03% | -0.001% |
| 41 | 3.444 | 3.418 | 3.461 | PH | -389 | -14106 | -0.03% | -0.001% |
| 42 | 3.475 | 3.461 | 3.492 | PH | -269 | -9579  | -0.03% | -0.001% |
| 43 | 3.503 | 3.492 | 3.532 | PH | -516 | -15025 | -0.06% | -0.001% |
| 44 | 3.553 | 3.532 | 3.574 | PH | -133 | -10356 | -0.04% | -0.001% |
| 45 | 3.589 | 3.574 | 3.612 | PH | -340 | -12148 | -0.05% | -0.001% |
| 46 | 3.617 | 3.612 | 3.626 | PH | -437 | -4590  | -0.02% | -0.000% |
| 47 | 3.631 | 3.626 | 3.640 | PH | -500 | -4789  | -0.02% | -0.000% |
| 48 | 3.671 | 3.640 | 3.686 | PH | -156 | -11730 | -0.05% | -0.001% |
| 49 | 3.689 | 3.686 | 3.703 | PH | -392 | -4974  | -0.02% | -0.000% |
| 50 | 3.709 | 3.703 | 3.732 | PH | -408 | -10146 | -0.04% | -0.001% |
| 51 | 3.756 | 3.732 | 3.799 | PH | 333  | -18528 | -0.08% | -0.002% |
| 52 | 3.843 | 3.799 | 3.859 | PH | 223  | -17197 | -0.07% | -0.001% |
| 53 | 3.872 | 3.859 | 3.887 | PH | -311 | -7294  | -0.03% | -0.001% |
| 54 | 3.892 | 3.887 | 3.919 | PH | -430 | -9510  | -0.04% | -0.001% |
| 55 | 3.934 | 3.919 | 3.954 | PH | -70  | -6613  | -0.03% | -0.001% |
| 56 | 3.971 | 3.954 | 3.975 | PH | -256 | -4640  | -0.02% | -0.000% |
| 57 | 4.008 | 3.975 | 4.034 | PH | 1045 | 10865  | 0.05%  | 0.001%  |
| 58 | 4.042 | 4.034 | 4.102 | PH | 309  | -6523  | -0.03% | -0.001% |
| 59 | 4.108 | 4.102 | 4.131 | PH | -401 | -8677  | -0.04% | -0.001% |
| 60 | 4.147 | 4.131 | 4.171 | PH | -384 | -12005 | -0.05% | -0.001% |
| 61 | 4.191 | 4.171 | 4.220 | PH | -328 | -15433 | -0.07% | -0.001% |
| 62 | 4.240 | 4.220 | 4.266 | PH | 664  | -5112  | -0.02% | -0.000% |
| 63 | 4.283 | 4.266 | 4.307 | PH | 119  | -9028  | -0.04% | -0.001% |
| 64 | 4.315 | 4.307 | 4.336 | PH | -422 | -9041  | -0.04% | -0.001% |
| 65 | 4.343 | 4.336 | 4.353 | PH | -485 | -5407  | -0.02% | -0.000% |
| 66 | 4.360 | 4.353 | 4.374 | PH | -494 | -6907  | -0.03% | -0.001% |
| 67 | 4.395 | 4.374 | 4.424 | PH | 876  | -2105  | -0.01% | -0.000% |
| 68 | 4.456 | 4.424 | 4.484 | PH | 1046 | 5382   | 0.02%  | 0.000%  |
| 69 | 4.490 | 4.484 | 4.505 | PH | 241  | 714    | 0.00%  | 0.000%  |
| 70 | 4.522 | 4.505 | 4.575 | PH | 342  | -8793  | -0.04% | -0.001% |
| 71 | 4.594 | 4.575 | 4.606 | PH | -114 | -3842  | -0.02% | -0.000% |
| 72 | 4.617 | 4.606 | 4.681 | PH | 180  | -6559  | -0.03% | -0.001% |
| 73 | 4.696 | 4.681 | 4.733 | PH | 299  | -4167  | -0.02% | -0.000% |
| 74 | 4.739 | 4.733 | 4.746 | PH | -426 | -3463  | -0.01% | -0.000% |
| 75 | 4.763 | 4.746 | 4.778 | PH | -332 | -8508  | -0.04% | -0.001% |
| 76 | 4.795 | 4.778 | 4.806 | PH | -378 | -8154  | -0.03% | -0.001% |
| 77 | 4.824 | 4.806 | 4.829 | PH | -354 | -6412  | -0.03% | -0.001% |
| 78 | 4.839 | 4.829 | 4.866 | PH | -235 | -7823  | -0.03% | -0.001% |
| 79 | 4.876 | 4.866 | 4.902 | PH | -30  | -6566  | -0.03% | -0.001% |
| 80 | 4.921 | 4.902 | 4.940 | PH | 71   | -2986  | -0.01% | -0.000% |
| 81 | 4.952 | 4.940 | 4.964 | PH | -38  | -2192  | -0.01% | -0.000% |
| 82 | 4.974 | 4.964 | 4.996 | PH | -61  | -3052  | -0.01% | -0.000% |
| 83 | 5.000 | 4.996 | 5.025 | PH | -279 | -6221  | -0.03% | -0.001% |
| 84 | 5.047 | 5.025 | 5.054 | PH | -63  | -4437  | -0.02% | -0.000% |
| 85 | 5.067 | 5.054 | 5.078 | PH | -119 | -3524  | -0.01% | -0.000% |
| 86 | 5.095 | 5.078 | 5.119 | PH | 542  | 2012   | 0.01%  | 0.000%  |
| 87 | 5.130 | 5.119 | 5.139 | PH | -59  | -1697  | -0.01% | -0.000% |
| 88 | 5.156 | 5.139 | 5.182 | PH | 300  | -2877  | -0.01% | -0.000% |
| 89 | 5.187 | 5.182 | 5.194 | PH | -331 | -3154  | -0.01% | -0.000% |

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/21/2022

Supervised By :mohammad ahmed 03/21/2022

|     |       |       |       |    |       |        |        |         |
|-----|-------|-------|-------|----|-------|--------|--------|---------|
|     |       |       |       |    | rters |        |        |         |
| 90  | 5.198 | 5.194 | 5.207 | PH | -338  | -3613  | -0.02% | -0.000% |
| 91  | 5.224 | 5.207 | 5.239 | PH | -121  | -6058  | -0.00% | -0.000% |
| 92  | 5.246 | 5.239 | 5.254 | PH | -468  | -4334  | -0.00% | -0.000% |
| 93  | 5.273 | 5.254 | 5.296 | PH | 1742  | 14547  | 0.00%  | 0.000%  |
| 94  | 5.306 | 5.296 | 5.342 | HH | 860   | 2939   | 0.00%  | 0.000%  |
| 95  | 5.348 | 5.342 | 5.359 | PH | -261  | -3407  | -0.00% | -0.000% |
| 96  | 5.369 | 5.359 | 5.373 | PH | -184  | -2350  | -0.01% | -0.000% |
| 97  | 5.386 | 5.373 | 5.412 | PH | 230   | -1004  | -0.00% | -0.000% |
| 98  | 5.427 | 5.412 | 5.436 | PH | 212   | 349    | 0.00%  | 0.000%  |
| 99  | 5.447 | 5.436 | 5.486 | PH | 260   | -2758  | -0.01% | -0.000% |
| 100 | 5.489 | 5.486 | 5.494 | PH | -357  | -1824  | -0.01% | -0.000% |
| 101 | 5.550 | 5.494 | 5.561 | PH | 698   | 923    | 0.00%  | 0.000%  |
| 102 | 5.572 | 5.561 | 5.586 | HH | 612   | 6412   | 0.03%  | 0.001%  |
| 103 | 5.603 | 5.586 | 5.629 | HH | 922   | 10224  | 0.04%  | 0.001%  |
| 104 | 5.638 | 5.629 | 5.660 | PH | 132   | -373   | -0.00% | -0.000% |
| 105 | 5.680 | 5.660 | 5.705 | PH | 130   | 15     | 0.00%  | 0.000%  |
| 106 | 5.720 | 5.705 | 5.737 | PH | 343   | 3733   | 0.02%  | 0.000%  |
| 107 | 5.746 | 5.737 | 5.750 | PH | 117   | 662    | 0.00%  | 0.000%  |
| 108 | 5.772 | 5.750 | 5.795 | HH | 1344  | 20621  | 0.09%  | 0.002%  |
| 109 | 5.819 | 5.795 | 5.894 | HH | 10001 | 151760 | 0.64%  | 0.013%  |
| 110 | 5.909 | 5.894 | 5.937 | HH | 1145  | 16111  | 0.07%  | 0.001%  |
| 111 | 5.969 | 5.937 | 6.020 | HH | 1790  | 32360  | 0.14%  | 0.003%  |
| 112 | 6.032 | 6.020 | 6.037 | HH | 343   | 2231   | 0.01%  | 0.000%  |
| 113 | 6.051 | 6.037 | 6.066 | HH | 508   | 5858   | 0.02%  | 0.000%  |
| 114 | 6.098 | 6.066 | 6.128 | HH | 1186  | 25654  | 0.11%  | 0.002%  |
| 115 | 6.141 | 6.128 | 6.160 | HH | 825   | 12029  | 0.05%  | 0.001%  |
| 116 | 6.168 | 6.160 | 6.183 | HH | 713   | 8407   | 0.04%  | 0.001%  |
| 117 | 6.207 | 6.183 | 6.231 | HH | 958   | 17595  | 0.07%  | 0.001%  |
| 118 | 6.249 | 6.231 | 6.275 | HH | 4277  | 45822  | 0.19%  | 0.004%  |
| 119 | 6.281 | 6.275 | 6.311 | HH | 506   | 5705   | 0.02%  | 0.000%  |
| 120 | 6.330 | 6.311 | 6.352 | HH | 567   | 8133   | 0.03%  | 0.001%  |
| 121 | 6.370 | 6.352 | 6.378 | HH | 499   | 5054   | 0.02%  | 0.000%  |
| 122 | 6.395 | 6.378 | 6.422 | HH | 1840  | 23609  | 0.10%  | 0.002%  |
| 123 | 6.429 | 6.422 | 6.464 | HH | 686   | 10578  | 0.04%  | 0.001%  |
| 124 | 6.470 | 6.464 | 6.487 | HH | 336   | 3292   | 0.01%  | 0.000%  |
| 125 | 6.493 | 6.487 | 6.504 | HH | 390   | 2907   | 0.01%  | 0.000%  |
| 126 | 6.524 | 6.504 | 6.544 | HH | 688   | 9274   | 0.04%  | 0.001%  |
| 127 | 6.567 | 6.544 | 6.595 | HH | 1236  | 24796  | 0.11%  | 0.002%  |
| 128 | 6.599 | 6.595 | 6.614 | HH | 955   | 8487   | 0.04%  | 0.001%  |
| 129 | 6.645 | 6.614 | 6.672 | HH | 1163  | 29402  | 0.12%  | 0.002%  |
| 130 | 6.683 | 6.672 | 6.723 | HH | 939   | 22757  | 0.10%  | 0.002%  |
| 131 | 6.763 | 6.723 | 6.787 | HH | 1814  | 50385  | 0.21%  | 0.004%  |
| 132 | 6.803 | 6.787 | 6.822 | HH | 1994  | 31303  | 0.13%  | 0.003%  |
| 133 | 6.827 | 6.822 | 6.836 | HH | 1284  | 9449   | 0.04%  | 0.001%  |
| 134 | 6.869 | 6.836 | 6.926 | HH | 7260  | 164658 | 0.70%  | 0.014%  |
| 135 | 6.947 | 6.926 | 6.979 | HH | 3491  | 65816  | 0.28%  | 0.005%  |
| 136 | 7.001 | 6.979 | 7.029 | HH | 9706  | 128921 | 0.55%  | 0.011%  |
| 137 | 7.042 | 7.029 | 7.058 | HH | 2275  | 31930  | 0.14%  | 0.003%  |
| 138 | 7.069 | 7.058 | 7.094 | HH | 1688  | 30708  | 0.13%  | 0.003%  |
| 139 | 7.124 | 7.094 | 7.136 | HH | 1651  | 37496  | 0.16%  | 0.003%  |
| 140 | 7.168 | 7.136 | 7.199 | HH | 11658 | 161547 | 0.69%  | 0.013%  |
| 141 | 7.244 | 7.199 | 7.272 | HH | 1542  | 56948  | 0.24%  | 0.005%  |

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G-5-4-6-7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/21/2022

Supervised By :mohammad ahmed 03/21/2022

| rteres |       |       |       |    |       |        |       |        |  |
|--------|-------|-------|-------|----|-------|--------|-------|--------|--|
| 142    | 7.293 | 7.272 | 7.315 | HH | 1398  | 32687  | 0.14% | 0.003% |  |
| 143    | 7.340 | 7.315 | 7.370 | HH | 2247  | 49788  |       |        |  |
| 144    | 7.387 | 7.370 | 7.412 | HH | 1472  | 29255  |       |        |  |
| 145    | 7.426 | 7.412 | 7.435 | HH | 1111  | 13911  |       |        |  |
| 146    | 7.451 | 7.435 | 7.470 | HH | 1317  | 23897  |       |        |  |
| 147    | 7.502 | 7.470 | 7.518 | HH | 1773  | 37956  |       |        |  |
| 148    | 7.531 | 7.518 | 7.560 | HH | 1553  | 30630  | 0.13% | 0.003% |  |
| 149    | 7.593 | 7.560 | 7.606 | HH | 3011  | 55333  | 0.23% | 0.005% |  |
| 150    | 7.622 | 7.606 | 7.634 | HH | 2805  | 44527  | 0.19% | 0.004% |  |
| 151    | 7.640 | 7.634 | 7.670 | HH | 2533  | 42754  | 0.18% | 0.004% |  |
| 152    | 7.688 | 7.670 | 7.709 | HH | 2200  | 41431  | 0.18% | 0.003% |  |
| 153    | 7.733 | 7.709 | 7.775 | HH | 4763  | 134442 | 0.57% | 0.011% |  |
| 154    | 7.793 | 7.775 | 7.816 | HH | 3697  | 65442  | 0.28% | 0.005% |  |
| 155    | 7.857 | 7.816 | 7.908 | HH | 9453  | 244487 | 1.04% | 0.020% |  |
| 156    | 7.959 | 7.908 | 7.974 | HH | 16686 | 257201 | 1.09% | 0.021% |  |
| 157    | 7.987 | 7.974 | 8.007 | HH | 12266 | 159794 | 0.68% | 0.013% |  |
| 158    | 8.035 | 8.007 | 8.060 | HH | 15159 | 244053 | 1.04% | 0.020% |  |
| 159    | 8.069 | 8.060 | 8.091 | HH | 3001  | 52580  | 0.22% | 0.004% |  |
| 160    | 8.141 | 8.091 | 8.173 | HH | 26787 | 480759 | 2.04% | 0.040% |  |
| 161    | 8.183 | 8.173 | 8.212 | HH | 4306  | 79181  | 0.34% | 0.007% |  |
| 162    | 8.231 | 8.212 | 8.259 | HH | 4812  | 91839  | 0.39% | 0.008% |  |
| 163    | 8.279 | 8.259 | 8.299 | HH | 3304  | 60617  | 0.26% | 0.005% |  |
| 164    | 8.307 | 8.299 | 8.333 | HH | 2147  | 38807  | 0.16% | 0.003% |  |
| 165    | 8.357 | 8.333 | 8.374 | HH | 2123  | 47417  | 0.20% | 0.004% |  |
| 166    | 8.397 | 8.374 | 8.411 | HH | 2652  | 55177  | 0.23% | 0.005% |  |
| 167    | 8.434 | 8.411 | 8.464 | HH | 13667 | 214585 | 0.91% | 0.018% |  |
| 168    | 8.484 | 8.464 | 8.527 | HH | 7252  | 180398 | 0.77% | 0.015% |  |
| 169    | 8.539 | 8.527 | 8.545 | HH | 4128  | 40332  | 0.17% | 0.003% |  |
| 170    | 8.569 | 8.545 | 8.596 | HH | 6239  | 135466 | 0.57% | 0.011% |  |
| 171    | 8.598 | 8.596 | 8.607 | HH | 3024  | 19438  | 0.08% | 0.002% |  |
| 172    | 8.625 | 8.607 | 8.639 | HH | 3659  | 59247  | 0.25% | 0.005% |  |
| 173    | 8.675 | 8.639 | 8.693 | HH | 8416  | 153478 | 0.65% | 0.013% |  |
| 174    | 8.712 | 8.693 | 8.732 | HH | 7851  | 134876 | 0.57% | 0.011% |  |
| 175    | 8.745 | 8.732 | 8.759 | HH | 4601  | 65391  | 0.28% | 0.005% |  |
| 176    | 8.771 | 8.759 | 8.783 | HH | 4267  | 57398  | 0.24% | 0.005% |  |
| 177    | 8.799 | 8.783 | 8.825 | HH | 5036  | 104284 | 0.44% | 0.009% |  |
| 178    | 8.852 | 8.825 | 8.871 | HH | 15188 | 246035 | 1.04% | 0.020% |  |
| 179    | 8.886 | 8.871 | 8.929 | HH | 11217 | 191034 | 0.81% | 0.016% |  |
| 180    | 8.941 | 8.929 | 8.974 | HH | 2742  | 69376  | 0.29% | 0.006% |  |
| 181    | 9.000 | 8.974 | 9.017 | HH | 9356  | 138328 | 0.59% | 0.011% |  |
| 182    | 9.032 | 9.017 | 9.067 | HH | 7646  | 132644 | 0.56% | 0.011% |  |
| 183    | 9.083 | 9.067 | 9.099 | HH | 4102  | 66172  | 0.28% | 0.005% |  |
| 184    | 9.134 | 9.099 | 9.160 | HH | 8834  | 189256 | 0.80% | 0.016% |  |
| 185    | 9.177 | 9.160 | 9.189 | HH | 4282  | 63999  | 0.27% | 0.005% |  |
| 186    | 9.219 | 9.189 | 9.267 | HH | 12108 | 304302 | 1.29% | 0.025% |  |
| 187    | 9.294 | 9.267 | 9.310 | HH | 10722 | 177088 | 0.75% | 0.015% |  |
| 188    | 9.319 | 9.310 | 9.346 | HH | 6765  | 125670 | 0.53% | 0.010% |  |
| 189    | 9.363 | 9.346 | 9.384 | HH | 9092  | 151831 | 0.64% | 0.013% |  |
| 190    | 9.398 | 9.384 | 9.407 | HH | 5421  | 68851  | 0.29% | 0.006% |  |
| 191    | 9.422 | 9.407 | 9.446 | HH | 7297  | 130718 | 0.55% | 0.011% |  |
| 192    | 9.458 | 9.446 | 9.467 | HH | 4477  | 54808  | 0.23% | 0.005% |  |
| 193    | 9.475 | 9.467 | 9.491 | HH | 4496  | 63040  | 0.27% | 0.005% |  |
| 194    | 9.502 | 9.491 | 9.517 | HH | 4115  | 59498  | 0.25% | 0.005% |  |

Instrument :

FID\_E

ClientSampleId :

G-5-4-6-7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/21/2022

Supervised By :mohammad ahmed 03/21/2022

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 195 | 9.540  | 9.517  | 9.581  | HH | 9671   | 238579  | 1.01%  | 0.020% |
| 196 | 9.591  | 9.581  | 9.607  | HH | 5701   | 78350   |        |        |
| 197 | 9.632  | 9.607  | 9.682  | HH | 15102  | 372543  |        |        |
| 198 | 9.701  | 9.682  | 9.715  | HH | 5307   | 93100   |        |        |
| 199 | 9.729  | 9.715  | 9.759  | HH | 4919   | 108096  |        |        |
| 200 | 9.801  | 9.759  | 9.831  | HH | 5062   | 163559  |        |        |
| 201 | 9.835  | 9.831  | 9.865  | HH | 3398   | 62375   | 0.26%  | 0.005% |
| 202 | 9.870  | 9.865  | 9.884  | HH | 2988   | 31772   | 0.13%  | 0.003% |
| 203 | 9.906  | 9.884  | 9.922  | HH | 3877   | 78823   | 0.33%  | 0.007% |
| 204 | 9.957  | 9.922  | 9.992  | HH | 6461   | 207880  | 0.88%  | 0.017% |
| 205 | 10.014 | 9.992  | 10.039 | HH | 6268   | 147528  | 0.63%  | 0.012% |
| 206 | 10.094 | 10.039 | 10.120 | HH | 9618   | 346227  | 1.47%  | 0.029% |
| 207 | 10.138 | 10.120 | 10.179 | HH | 8130   | 207597  | 0.88%  | 0.017% |
| 208 | 10.211 | 10.179 | 10.247 | HH | 10351  | 286702  | 1.22%  | 0.024% |
| 209 | 10.270 | 10.247 | 10.317 | HH | 17130  | 409306  | 1.74%  | 0.034% |
| 210 | 10.368 | 10.317 | 10.396 | HH | 14827  | 459025  | 1.95%  | 0.038% |
| 211 | 10.417 | 10.396 | 10.457 | HH | 15965  | 408011  | 1.73%  | 0.034% |
| 212 | 10.485 | 10.457 | 10.499 | HH | 7234   | 164712  | 0.70%  | 0.014% |
| 213 | 10.515 | 10.499 | 10.532 | HH | 8795   | 140162  | 0.59%  | 0.012% |
| 214 | 10.546 | 10.532 | 10.565 | HH | 7079   | 126669  | 0.54%  | 0.010% |
| 215 | 10.582 | 10.565 | 10.588 | HH | 8074   | 98059   | 0.42%  | 0.008% |
| 216 | 10.614 | 10.588 | 10.665 | HH | 204833 | 2506440 | 10.63% | 0.208% |
| 217 | 10.688 | 10.665 | 10.729 | HH | 47668  | 785993  | 3.33%  | 0.065% |
| 218 | 10.741 | 10.729 | 10.779 | HH | 8488   | 227274  | 0.96%  | 0.019% |
| 219 | 10.792 | 10.779 | 10.847 | HH | 7063   | 259691  | 1.10%  | 0.022% |
| 220 | 10.871 | 10.847 | 10.889 | HH | 8125   | 175925  | 0.75%  | 0.015% |
| 221 | 10.921 | 10.889 | 10.949 | HH | 17904  | 422118  | 1.79%  | 0.035% |
| 222 | 10.978 | 10.949 | 10.989 | HH | 8115   | 183594  | 0.78%  | 0.015% |
| 223 | 11.006 | 10.989 | 11.032 | HH | 9435   | 222992  | 0.95%  | 0.018% |
| 224 | 11.067 | 11.032 | 11.087 | HH | 14495  | 338410  | 1.44%  | 0.028% |
| 225 | 11.104 | 11.087 | 11.114 | HH | 10585  | 160496  | 0.68%  | 0.013% |
| 226 | 11.146 | 11.114 | 11.185 | HH | 20279  | 559850  | 2.38%  | 0.046% |
| 227 | 11.216 | 11.185 | 11.237 | HH | 12975  | 319434  | 1.36%  | 0.026% |
| 228 | 11.261 | 11.237 | 11.285 | HH | 13343  | 303202  | 1.29%  | 0.025% |
| 229 | 11.306 | 11.285 | 11.327 | HH | 13091  | 257101  | 1.09%  | 0.021% |
| 230 | 11.340 | 11.327 | 11.357 | HH | 9610   | 161782  | 0.69%  | 0.013% |
| 231 | 11.375 | 11.357 | 11.382 | HH | 9157   | 130839  | 0.56%  | 0.011% |
| 232 | 11.413 | 11.382 | 11.428 | HH | 46480  | 655901  | 2.78%  | 0.054% |
| 233 | 11.444 | 11.428 | 11.483 | HH | 53645  | 838447  | 3.56%  | 0.069% |
| 234 | 11.524 | 11.483 | 11.542 | HH | 44978  | 861740  | 3.66%  | 0.071% |
| 235 | 11.560 | 11.542 | 11.574 | HH | 40864  | 540872  | 2.29%  | 0.045% |
| 236 | 11.590 | 11.574 | 11.639 | HH | 46028  | 805630  | 3.42%  | 0.067% |
| 237 | 11.667 | 11.639 | 11.681 | HH | 11669  | 255380  | 1.08%  | 0.021% |
| 238 | 11.734 | 11.681 | 11.761 | HH | 19622  | 652381  | 2.77%  | 0.054% |
| 239 | 11.781 | 11.761 | 11.861 | HH | 33642  | 1070279 | 4.54%  | 0.089% |
| 240 | 11.884 | 11.861 | 11.926 | HH | 32275  | 750307  | 3.18%  | 0.062% |
| 241 | 11.942 | 11.926 | 11.972 | HH | 15690  | 375731  | 1.59%  | 0.031% |
| 242 | 12.000 | 11.972 | 12.018 | HH | 31296  | 556907  | 2.36%  | 0.046% |
| 243 | 12.028 | 12.018 | 12.050 | HH | 19599  | 321262  | 1.36%  | 0.027% |
| 244 | 12.087 | 12.050 | 12.101 | HH | 16458  | 454553  | 1.93%  | 0.038% |
| 245 | 12.129 | 12.101 | 12.143 | HH | 20383  | 455675  | 1.93%  | 0.038% |
| 246 | 12.154 | 12.143 | 12.176 | HH | 19554  | 342978  | 1.46%  | 0.028% |

Instrument :

FID\_E

ClientSampleId :

G-5-4-6-7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/21/2022

Supervised By :mohammad ahmed 03/21/2022

|        |        |        |        |    |        |         |               |
|--------|--------|--------|--------|----|--------|---------|---------------|
|        |        |        |        |    |        |         |               |
| rteres |        |        |        |    |        |         |               |
| 247    | 12.201 | 12.176 | 12.214 | HH | 26119  | 450927  | 1.91% 0.037%  |
| 248    | 12.220 | 12.214 | 12.242 | HH | 21668  | 299454  |               |
| 249    | 12.268 | 12.242 | 12.290 | HH | 34946  | 700952  |               |
| 250    | 12.311 | 12.290 | 12.331 | HH | 50526  | 845361  |               |
|        |        |        |        |    |        |         |               |
| 251    | 12.349 | 12.331 | 12.359 | HH | 30726  | 474552  |               |
| 252    | 12.373 | 12.359 | 12.398 | HH | 38357  | 694741  |               |
| 253    | 12.431 | 12.398 | 12.479 | HH | 466851 | 6024107 | 25.56% 0.499% |
| 254    | 12.500 | 12.479 | 12.510 | HH | 19081  | 329291  | 1.40% 0.027%  |
| 255    | 12.522 | 12.510 | 12.539 | HH | 19679  | 332518  | 1.41% 0.028%  |
|        |        |        |        |    |        |         |               |
| 256    | 12.563 | 12.539 | 12.576 | HH | 28488  | 519359  | 2.20% 0.043%  |
| 257    | 12.589 | 12.576 | 12.594 | HH | 26730  | 267237  | 1.13% 0.022%  |
| 258    | 12.610 | 12.594 | 12.628 | HH | 34911  | 594670  | 2.52% 0.049%  |
| 259    | 12.645 | 12.628 | 12.695 | HH | 33467  | 1040712 | 4.42% 0.086%  |
| 260    | 12.727 | 12.695 | 12.757 | HH | 438173 | 5602969 | 23.77% 0.464% |
|        |        |        |        |    |        |         |               |
| 261    | 12.779 | 12.757 | 12.796 | HH | 53864  | 887443  | 3.76% 0.073%  |
| 262    | 12.811 | 12.796 | 12.840 | HH | 56139  | 947636  | 4.02% 0.078%  |
| 263    | 12.863 | 12.840 | 12.876 | HH | 24851  | 514693  | 2.18% 0.043%  |
| 264    | 12.897 | 12.876 | 12.913 | HH | 34689  | 634881  | 2.69% 0.053%  |
| 265    | 12.929 | 12.913 | 12.957 | HH | 31129  | 683071  | 2.90% 0.057%  |
|        |        |        |        |    |        |         |               |
| 266    | 12.991 | 12.957 | 13.037 | HH | 44317  | 1433193 | 6.08% 0.119%  |
| 267    | 13.057 | 13.037 | 13.096 | HH | 32172  | 984226  | 4.18% 0.082%  |
| 268    | 13.120 | 13.096 | 13.135 | HH | 36239  | 699608  | 2.97% 0.058%  |
| 269    | 13.141 | 13.135 | 13.157 | HH | 30269  | 387408  | 1.64% 0.032%  |
| 270    | 13.182 | 13.157 | 13.208 | HH | 56423  | 1205932 | 5.12% 0.100%  |
|        |        |        |        |    |        |         |               |
| 271    | 13.213 | 13.208 | 13.252 | HH | 28644  | 722380  | 3.06% 0.060%  |
| 272    | 13.311 | 13.252 | 13.349 | HH | 85332  | 2564600 | 10.88% 0.212% |
| 273    | 13.376 | 13.349 | 13.394 | HH | 33298  | 825373  | 3.50% 0.068%  |
| 274    | 13.419 | 13.394 | 13.437 | HH | 50040  | 1001879 | 4.25% 0.083%  |
| 275    | 13.457 | 13.437 | 13.479 | HH | 69661  | 1212419 | 5.14% 0.100%  |
|        |        |        |        |    |        |         |               |
| 276    | 13.493 | 13.479 | 13.525 | HH | 40015  | 972123  | 4.12% 0.081%  |
| 277    | 13.584 | 13.525 | 13.607 | HH | 69998  | 2303502 | 9.77% 0.191%  |
| 278    | 13.626 | 13.607 | 13.675 | HH | 63642  | 1691804 | 7.18% 0.140%  |
| 279    | 13.708 | 13.675 | 13.731 | HH | 40287  | 1193679 | 5.06% 0.099%  |
| 280    | 13.751 | 13.731 | 13.769 | HH | 36726  | 812624  | 3.45% 0.067%  |
|        |        |        |        |    |        |         |               |
| 281    | 13.790 | 13.769 | 13.831 | HH | 37412  | 1311130 | 5.56% 0.109%  |
| 282    | 13.844 | 13.831 | 13.862 | HH | 34450  | 633223  | 2.69% 0.052%  |
| 283    | 13.897 | 13.862 | 13.917 | HH | 37916  | 1148299 | 4.87% 0.095%  |
| 284    | 13.924 | 13.917 | 13.933 | HH | 35877  | 352139  | 1.49% 0.029%  |
| 285    | 13.951 | 13.933 | 13.965 | HH | 38637  | 696968  | 2.96% 0.058%  |
|        |        |        |        |    |        |         |               |
| 286    | 13.984 | 13.965 | 13.989 | HH | 41549  | 565256  | 2.40% 0.047%  |
| 287    | 14.013 | 13.989 | 14.028 | HH | 46979  | 1052111 | 4.46% 0.087%  |
| 288    | 14.051 | 14.028 | 14.081 | HH | 80394  | 1764814 | 7.49% 0.146%  |
| 289    | 14.089 | 14.081 | 14.100 | HH | 39124  | 448401  | 1.90% 0.037%  |
| 290    | 14.126 | 14.100 | 14.137 | HH | 49489  | 986185  | 4.18% 0.082%  |
|        |        |        |        |    |        |         |               |
| 291    | 14.145 | 14.137 | 14.175 | HH | 48280  | 1001400 | 4.25% 0.083%  |
| 292    | 14.184 | 14.175 | 14.194 | HH | 41338  | 474090  | 2.01% 0.039%  |
| 293    | 14.220 | 14.194 | 14.242 | HH | 79276  | 1692523 | 7.18% 0.140%  |
| 294    | 14.247 | 14.242 | 14.260 | HH | 50632  | 526205  | 2.23% 0.044%  |
| 295    | 14.284 | 14.260 | 14.309 | HH | 107127 | 2131528 | 9.04% 0.177%  |
|        |        |        |        |    |        |         |               |
| 296    | 14.356 | 14.309 | 14.389 | HH | 86646  | 2848099 | 12.08% 0.236% |
| 297    | 14.407 | 14.389 | 14.424 | HH | 48856  | 999349  | 4.24% 0.083%  |
| 298    | 14.464 | 14.424 | 14.503 | HH | 184237 | 4114676 | 17.46% 0.341% |
| 299    | 14.508 | 14.503 | 14.529 | HH | 47675  | 697983  | 2.96% 0.058%  |

Instrument :

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G-5-4-6-7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/21/2022

Supervised By :mohammad ahmed 03/21/2022

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 300 | 14.554 | 14.529 | 14.569 | HH | 58062  | 1253189 | 5.32%  | 0.104% |
| 301 | 14.600 | 14.569 | 14.620 | HH | 266212 | 4308021 | 18.67% | 0.130% |
| 302 | 14.643 | 14.620 | 14.680 | HH | 288967 | 4804535 | 20.78% | 0.197% |
| 303 | 14.694 | 14.680 | 14.714 | HH | 55224  | 1077924 | 4.24%  | 0.059% |
| 304 | 14.758 | 14.714 | 14.812 | HH | 93439  | 3713165 | 15.34% | 0.270% |
| 305 | 14.830 | 14.812 | 14.841 | HH | 56636  | 927522  | 3.23%  | 0.134% |
| 306 | 14.855 | 14.841 | 14.884 | HH | 61963  | 1465110 | 6.22%  | 0.130% |
| 307 | 14.912 | 14.884 | 14.925 | HH | 73163  | 1572668 | 6.67%  | 0.197% |
| 308 | 14.937 | 14.925 | 14.989 | HH | 69373  | 2375724 | 10.08% | 0.059% |
| 309 | 15.004 | 14.989 | 15.011 | HH | 55750  | 713526  | 3.03%  | 0.270% |
| 310 | 15.043 | 15.011 | 15.072 | HH | 142243 | 3262518 | 13.84% | 0.134% |
| 311 | 15.084 | 15.072 | 15.116 | HH | 64964  | 1621276 | 6.88%  | 0.100% |
| 312 | 15.138 | 15.116 | 15.151 | HH | 60573  | 1206216 | 5.12%  | 0.171% |
| 313 | 15.183 | 15.151 | 15.205 | HH | 67590  | 2062577 | 8.75%  | 0.132% |
| 314 | 15.229 | 15.205 | 15.244 | HH | 71169  | 1598771 | 6.78%  | 0.212% |
| 315 | 15.269 | 15.244 | 15.290 | HH | 127701 | 2561364 | 10.87% | 0.185% |
| 316 | 15.306 | 15.290 | 15.339 | HH | 89849  | 2231863 | 9.47%  | 0.098% |
| 317 | 15.354 | 15.339 | 15.367 | HH | 73215  | 1187005 | 5.04%  | 0.062% |
| 318 | 15.376 | 15.367 | 15.384 | HH | 73347  | 750094  | 3.18%  | 0.128% |
| 319 | 15.408 | 15.384 | 15.416 | HH | 88680  | 1542413 | 6.54%  | 0.204% |
| 320 | 15.429 | 15.416 | 15.464 | HH | 95324  | 2460869 | 10.44% | 0.250% |
| 321 | 15.503 | 15.464 | 15.531 | HH | 81269  | 3022390 | 12.82% | 0.151% |
| 322 | 15.550 | 15.531 | 15.572 | HH | 75700  | 1820599 | 7.72%  | 0.168% |
| 323 | 15.592 | 15.572 | 15.617 | HH | 81835  | 2031943 | 8.62%  | 0.196% |
| 324 | 15.647 | 15.617 | 15.667 | HH | 83880  | 2367503 | 10.04% | 0.122% |
| 325 | 15.678 | 15.667 | 15.697 | HH | 82358  | 1468096 | 6.23%  | 0.149% |
| 326 | 15.706 | 15.697 | 15.736 | HH | 81986  | 1805072 | 7.66%  | 0.208% |
| 327 | 15.772 | 15.736 | 15.791 | HH | 78237  | 2512303 | 10.66% | 0.083% |
| 328 | 15.807 | 15.791 | 15.812 | HH | 77357  | 1002952 | 4.25%  | 0.083% |
| 329 | 15.820 | 15.812 | 15.834 | HH | 77954  | 1003894 | 4.26%  | 0.206% |
| 330 | 15.868 | 15.834 | 15.883 | HH | 89215  | 2485261 | 10.54% | 0.171% |
| 331 | 15.898 | 15.883 | 15.923 | HH | 92097  | 2068199 | 8.77%  | 0.163% |
| 332 | 15.945 | 15.923 | 15.960 | HH | 93893  | 1968708 | 8.35%  | 0.157% |
| 333 | 15.970 | 15.960 | 15.996 | HH | 91081  | 1895170 | 8.04%  | 0.142% |
| 334 | 16.013 | 15.996 | 16.027 | HH | 92613  | 1717116 | 7.28%  | 0.282% |
| 335 | 16.066 | 16.027 | 16.086 | HH | 104055 | 3399384 | 14.42% | 0.174% |
| 336 | 16.104 | 16.086 | 16.122 | HH | 101295 | 2101070 | 8.91%  | 0.585% |
| 337 | 16.162 | 16.122 | 16.178 | HH | 359803 | 7063703 | 29.97% | 0.324% |
| 338 | 16.186 | 16.178 | 16.224 | HH | 224255 | 3911772 | 16.60% | 0.053% |
| 339 | 16.230 | 16.224 | 16.235 | HH | 97478  | 637073  | 2.70%  | 0.107% |
| 340 | 16.239 | 16.235 | 16.257 | HH | 97972  | 1288869 | 5.47%  | 0.325% |
| 341 | 16.287 | 16.257 | 16.311 | HH | 154613 | 3927876 | 16.66% | 0.155% |
| 342 | 16.319 | 16.311 | 16.340 | HH | 108787 | 1869802 | 7.93%  | 0.139% |
| 343 | 16.347 | 16.340 | 16.368 | HH | 104323 | 1682381 | 7.14%  | 0.292% |
| 344 | 16.410 | 16.368 | 16.422 | HH | 114673 | 3530273 | 14.98% | 0.689% |
| 345 | 16.480 | 16.422 | 16.509 | HH | 275782 | 8322545 | 35.31% | 0.627% |
| 346 | 16.541 | 16.509 | 16.577 | HH | 351020 | 7572469 | 32.13% | 0.163% |
| 347 | 16.597 | 16.577 | 16.605 | HH | 118059 | 1973347 | 8.37%  | 0.412% |
| 348 | 16.637 | 16.605 | 16.664 | HH | 184393 | 4974409 | 21.10% | 0.303% |
| 349 | 16.687 | 16.664 | 16.713 | HH | 129321 | 3660021 | 15.53% | 0.076% |
| 350 | 16.719 | 16.713 | 16.726 | HH | 122640 | 919820  | 3.90%  | 0.198% |
| 351 | 16.752 | 16.726 | 16.757 | HH | 129710 | 2395142 | 10.16% |        |

Instrument :

FID\_E

ClientSampleId :

G-5-4-6-7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/21/2022

Supervised By :mohammad ahmed 03/21/2022

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    |        |          |        |        |
|     |        |        |        |    | rters  |          |        |        |
| 352 | 16.784 | 16.757 | 16.817 | HH | 140537 | 4860096  | 20.62% | 0.403% |
| 353 | 16.841 | 16.817 | 16.867 | HH | 137989 | 4048471  | 17.00% | 0.403% |
| 354 | 16.902 | 16.867 | 16.965 | HH | 155152 | 8569039  | 36.00% | 0.403% |
| 355 | 16.997 | 16.965 | 17.008 | HH | 147482 | 3675784  | 15.00% | 0.403% |
|     |        |        |        |    |        |          |        |        |
| 356 | 17.031 | 17.008 | 17.046 | HH | 158465 | 3489183  | 14.00% | 0.522% |
| 357 | 17.061 | 17.046 | 17.096 | HH | 155295 | 4448464  | 18.00% | 0.522% |
| 358 | 17.122 | 17.096 | 17.166 | HH | 154726 | 6308129  | 26.76% | 0.522% |
| 359 | 17.192 | 17.166 | 17.217 | HH | 163301 | 4824205  | 20.47% | 0.400% |
| 360 | 17.227 | 17.217 | 17.250 | HH | 153237 | 2977223  | 12.63% | 0.247% |
|     |        |        |        |    |        |          |        |        |
| 361 | 17.257 | 17.250 | 17.270 | HH | 147996 | 1731995  | 7.35%  | 0.143% |
| 362 | 17.298 | 17.270 | 17.329 | HH | 155102 | 5410505  | 22.95% | 0.448% |
| 363 | 17.346 | 17.329 | 17.363 | HH | 156494 | 3213158  | 13.63% | 0.266% |
| 364 | 17.398 | 17.363 | 17.419 | HH | 159775 | 5232769  | 22.20% | 0.433% |
| 365 | 17.440 | 17.419 | 17.448 | HH | 168016 | 2930733  | 12.43% | 0.243% |
|     |        |        |        |    |        |          |        |        |
| 366 | 17.498 | 17.448 | 17.511 | HH | 183673 | 6619049  | 28.08% | 0.548% |
| 367 | 17.527 | 17.511 | 17.560 | HH | 189271 | 5420013  | 22.99% | 0.449% |
| 368 | 17.614 | 17.560 | 17.624 | HH | 201693 | 7365425  | 31.25% | 0.610% |
| 369 | 17.642 | 17.624 | 17.657 | HH | 207184 | 4019171  | 17.05% | 0.333% |
| 370 | 17.685 | 17.657 | 17.716 | HH | 215268 | 7318667  | 31.05% | 0.606% |
|     |        |        |        |    |        |          |        |        |
| 371 | 17.726 | 17.716 | 17.739 | HH | 199617 | 2742983  | 11.64% | 0.227% |
| 372 | 17.751 | 17.739 | 17.764 | HH | 199580 | 2910709  | 12.35% | 0.241% |
| 373 | 17.774 | 17.764 | 17.784 | HH | 200874 | 2425218  | 10.29% | 0.201% |
| 374 | 17.813 | 17.784 | 17.851 | HH | 245750 | 8926955  | 37.87% | 0.739% |
| 375 | 17.869 | 17.851 | 17.883 | HH | 230994 | 4271726  | 18.12% | 0.354% |
|     |        |        |        |    |        |          |        |        |
| 376 | 17.911 | 17.883 | 17.933 | HH | 361844 | 8671056  | 36.79% | 0.718% |
| 377 | 17.942 | 17.933 | 17.972 | HH | 244401 | 5436823  | 23.07% | 0.450% |
| 378 | 18.004 | 17.972 | 18.019 | HH | 236868 | 6372425  | 27.03% | 0.528% |
| 379 | 18.038 | 18.019 | 18.054 | HH | 254015 | 5030195  | 21.34% | 0.417% |
| 380 | 18.069 | 18.054 | 18.113 | HH | 247417 | 8411400  | 35.68% | 0.697% |
|     |        |        |        |    |        |          |        |        |
| 381 | 18.120 | 18.113 | 18.131 | HH | 225235 | 2351832  | 9.98%  | 0.195% |
| 382 | 18.165 | 18.131 | 18.189 | HH | 380737 | 9922394  | 42.09% | 0.822% |
| 383 | 18.244 | 18.189 | 18.258 | HH | 251030 | 10037967 | 42.58% | 0.831% |
| 384 | 18.292 | 18.258 | 18.320 | HH | 288610 | 9791559  | 41.54% | 0.811% |
| 385 | 18.335 | 18.320 | 18.364 | HH | 261008 | 6708201  | 28.46% | 0.556% |
|     |        |        |        |    |        |          |        |        |
| 386 | 18.390 | 18.364 | 18.397 | HH | 258057 | 5130672  | 21.77% | 0.425% |
| 387 | 18.402 | 18.397 | 18.413 | HH | 257967 | 2501105  | 10.61% | 0.207% |
| 388 | 18.426 | 18.413 | 18.440 | HH | 257959 | 4101426  | 17.40% | 0.340% |
| 389 | 18.473 | 18.440 | 18.494 | HH | 266330 | 8333370  | 35.35% | 0.690% |
| 390 | 18.518 | 18.494 | 18.528 | HH | 259803 | 5324662  | 22.59% | 0.441% |
|     |        |        |        |    |        |          |        |        |
| 391 | 18.556 | 18.528 | 18.567 | HH | 264953 | 6010306  | 25.50% | 0.498% |
| 392 | 18.593 | 18.567 | 18.605 | HH | 277244 | 6142453  | 26.06% | 0.509% |
| 393 | 18.621 | 18.605 | 18.631 | HH | 277579 | 4292112  | 18.21% | 0.355% |
| 394 | 18.639 | 18.631 | 18.652 | HH | 279131 | 3628724  | 15.39% | 0.301% |
| 395 | 18.685 | 18.652 | 18.707 | HH | 307448 | 9642740  | 40.91% | 0.799% |
|     |        |        |        |    |        |          |        |        |
| 396 | 18.722 | 18.707 | 18.754 | HH | 304144 | 8493884  | 36.03% | 0.703% |
| 397 | 18.765 | 18.754 | 18.775 | HH | 300271 | 3839333  | 16.29% | 0.318% |
| 398 | 18.802 | 18.775 | 18.808 | HH | 302314 | 5831322  | 24.74% | 0.483% |
| 399 | 18.847 | 18.808 | 18.891 | HH | 317826 | 15390655 | 65.29% | 1.275% |
| 400 | 18.905 | 18.891 | 18.912 | HH | 307355 | 3956303  | 16.78% | 0.328% |
|     |        |        |        |    |        |          |        |        |
| 401 | 18.926 | 18.912 | 18.930 | HH | 312766 | 3249926  | 13.79% | 0.269% |
| 402 | 18.954 | 18.930 | 18.961 | HH | 323991 | 5898630  | 25.02% | 0.489% |
| 403 | 18.970 | 18.961 | 18.985 | HH | 321631 | 4681615  | 19.86% | 0.388% |
| 404 | 19.001 | 18.985 | 19.037 | HH | 321155 | 9961053  | 42.26% | 0.825% |

Instrument :

FID\_E

ClientSampleId :

G-5-4-6-7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/21/2022

Supervised By :mohammad ahmed 03/21/2022

Instrument :

FID\_E

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|     |        |        |        |    | rt     | Area     | Area%   | Height |
|-----|--------|--------|--------|----|--------|----------|---------|--------|
| 405 | 19.052 | 19.037 | 19.066 | HH | 320587 | 5534064  | 23.48%  | 0.458% |
| 406 | 19.152 | 19.066 | 19.159 | HH | 354977 | 18573111 | 78.42%  | 0.458% |
| 407 | 19.172 | 19.159 | 19.193 | HH | 359915 | 7262289  | 30.42%  | 0.458% |
| 408 | 19.211 | 19.193 | 19.227 | HH | 368445 | 7443344  | 31.12%  | 0.458% |
| 409 | 19.258 | 19.227 | 19.272 | HH | 379180 | 10035299 | 42.02%  | 0.458% |
| 410 | 19.319 | 19.272 | 19.353 | HH | 410313 | 18657216 | 79.44%  | 0.458% |
| 411 | 19.385 | 19.353 | 19.427 | HH | 433098 | 17744243 | 75.28%  | 1.470% |
| 412 | 19.457 | 19.427 | 19.475 | HH | 415905 | 11452498 | 48.59%  | 0.949% |
| 413 | 19.480 | 19.475 | 19.489 | HH | 405830 | 3495739  | 14.83%  | 0.290% |
| 414 | 19.498 | 19.489 | 19.508 | HH | 410760 | 4698219  | 19.93%  | 0.389% |
| 415 | 19.514 | 19.508 | 19.522 | HH | 403562 | 3194804  | 13.55%  | 0.265% |
| 416 | 19.527 | 19.522 | 19.565 | HH | 403388 | 10399770 | 44.12%  | 0.861% |
| 417 | 19.578 | 19.565 | 19.585 | HH | 406348 | 4663148  | 19.78%  | 0.386% |
| 418 | 19.603 | 19.585 | 19.653 | HH | 416740 | 16600556 | 70.43%  | 1.375% |
| 419 | 19.699 | 19.653 | 19.730 | HH | 478939 | 19879769 | 84.34%  | 1.646% |
| 420 | 19.759 | 19.730 | 19.775 | HH | 441881 | 11512701 | 48.84%  | 0.953% |
| 421 | 19.803 | 19.775 | 19.814 | HH | 453064 | 10385492 | 44.06%  | 0.860% |
| 422 | 19.830 | 19.814 | 19.836 | HH | 455607 | 5837869  | 24.77%  | 0.484% |
| 423 | 19.858 | 19.836 | 19.888 | HH | 455039 | 14135171 | 59.97%  | 1.171% |
| 424 | 19.941 | 19.888 | 19.947 | HH | 477884 | 16207012 | 68.76%  | 1.342% |
| 425 | 19.959 | 19.947 | 19.976 | HH | 492484 | 8598220  | 36.48%  | 0.712% |
| 426 | 19.985 | 19.976 | 20.002 | HH | 487574 | 7413586  | 31.45%  | 0.614% |
| 427 | 20.020 | 20.002 | 20.037 | HH | 493853 | 10039866 | 42.59%  | 0.832% |
| 428 | 20.048 | 20.037 | 20.068 | HH | 481639 | 8822960  | 37.43%  | 0.731% |
| 429 | 20.074 | 20.068 | 20.080 | HH | 470182 | 3258821  | 13.83%  | 0.270% |
| 430 | 20.086 | 20.080 | 20.093 | HH | 474426 | 3793369  | 16.09%  | 0.314% |
| 431 | 20.110 | 20.093 | 20.115 | HH | 479375 | 6377765  | 27.06%  | 0.528% |
| 432 | 20.125 | 20.115 | 20.138 | HH | 487567 | 6530668  | 27.71%  | 0.541% |
| 433 | 20.151 | 20.138 | 20.160 | HH | 496637 | 6549160  | 27.78%  | 0.542% |
| 434 | 20.177 | 20.160 | 20.182 | HH | 504851 | 6378674  | 27.06%  | 0.528% |
| 435 | 20.209 | 20.182 | 20.216 | HH | 541473 | 10878066 | 46.15%  | 0.901% |
| 436 | 20.229 | 20.216 | 20.234 | HH | 544400 | 5858168  | 24.85%  | 0.485% |
| 437 | 20.240 | 20.234 | 20.246 | HH | 544737 | 3766292  | 15.98%  | 0.312% |
| 438 | 20.257 | 20.246 | 20.321 | HH | 551101 | 23571640 | 100.00% | 1.952% |
| 439 | 20.337 | 20.321 | 20.359 | HH | 505895 | 11494630 | 48.76%  | 0.952% |
| 440 | 20.365 | 20.359 | 20.379 | HH | 502623 | 6008150  | 25.49%  | 0.498% |
| 441 | 20.401 | 20.379 | 20.406 | HH | 516247 | 8177166  | 34.69%  | 0.677% |
| 442 | 20.452 | 20.406 | 20.468 | HH | 549783 | 20198547 | 85.69%  | 1.673% |
| 443 | 20.485 | 20.468 | 20.517 | HH | 550894 | 15883198 | 67.38%  | 1.315% |
| 444 | 20.526 | 20.517 | 20.565 | HH | 549913 | 15684069 | 66.54%  | 1.299% |
| 445 | 20.572 | 20.565 | 20.584 | HH | 525573 | 5727578  | 24.30%  | 0.474% |
| 446 | 20.588 | 20.584 | 20.598 | HH | 516404 | 4488918  | 19.04%  | 0.372% |
| 447 | 20.612 | 20.598 | 20.655 | HH | 525554 | 17488384 | 74.19%  | 1.448% |
| 448 | 20.663 | 20.655 | 20.676 | HH | 509402 | 6283225  | 26.66%  | 0.520% |
| 449 | 20.716 | 20.676 | 20.722 | HH | 545365 | 14665987 | 62.22%  | 1.215% |
| 450 | 20.729 | 20.722 | 20.746 | HH | 549328 | 7626580  | 32.35%  | 0.632% |
| 451 | 20.751 | 20.746 | 20.816 | HH | 540022 | 21958990 | 93.16%  | 1.819% |
| 452 | 20.824 | 20.816 | 20.828 | HH | 510645 | 3827339  | 16.24%  | 0.317% |
| 453 | 20.836 | 20.828 | 20.865 | HH | 514992 | 11414175 | 48.42%  | 0.945% |
| 454 | 20.874 | 20.865 | 20.897 | HH | 510817 | 9671554  | 41.03%  | 0.801% |
| 455 | 20.924 | 20.897 | 20.932 | HH | 513647 | 10444734 | 44.31%  | 0.865% |
| 456 | 20.946 | 20.932 | 20.951 | HH | 516176 | 5990285  | 25.41%  | 0.496% |

|     | rt     | Area   | Area%  | Height | Height%                            | Area     | Area%  | Height | Height% |
|-----|--------|--------|--------|--------|------------------------------------|----------|--------|--------|---------|
| 457 | 21.006 | 20.951 | 21.013 | HH     | 536721                             | 19416771 | 82.37% | 1.608% |         |
| 458 | 21.019 | 21.013 | 21.032 | HH     | 536565                             | 6116222  | 25.74% | 0.380% |         |
| 459 | 21.038 | 21.032 | 21.047 | HH     | 530130                             | 4902670  | 20.45% | 0.283% |         |
| 460 | 21.054 | 21.047 | 21.115 | HH     | 527602                             | 20981765 | 89.12% | 1.342% |         |
| 461 | 21.120 | 21.115 | 21.177 | HH     | 505975                             | 18314047 | 77.45% | 0.470% |         |
| 462 | 21.205 | 21.177 | 21.218 | HH     | 495785                             | 11834629 | 50.24% | 0.524% |         |
| 463 | 21.248 | 21.218 | 21.272 | HH     | 498026                             | 16202429 | 68.74% | 0.492% |         |
| 464 | 21.279 | 21.272 | 21.288 | HH     | 493386                             | 4583821  | 19.45% | 0.283% |         |
| 465 | 21.298 | 21.288 | 21.311 | HH     | 491277                             | 6627322  | 28.12% | 0.549% |         |
| 466 | 21.323 | 21.311 | 21.330 | HH     | 503319                             | 5674493  | 24.07% | 0.470% |         |
| 467 | 21.344 | 21.330 | 21.351 | HH     | 509091                             | 6327872  | 26.85% | 0.524% |         |
| 468 | 21.365 | 21.351 | 21.370 | HH     | 512798                             | 5935148  | 25.18% | 0.492% |         |
| 469 | 21.376 | 21.370 | 21.381 | HH     | 513662                             | 3411626  | 14.47% | 0.283% |         |
| 470 | 21.387 | 21.381 | 21.408 | HH     | 513653                             | 8332906  | 35.35% | 0.690% |         |
| 471 | 21.415 | 21.408 | 21.445 | HH     | 509350                             | 10759310 | 45.65% | 0.891% |         |
| 472 | 21.452 | 21.445 | 21.478 | HH     | 482454                             | 9404488  | 39.90% | 0.779% |         |
|     |        |        |        |        | Sum of corrected areas: 1207414933 |          |        |        |         |

Instrument :

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ClientSampleId :

G-5-4-6-7

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/21/2022

Supervised By :mohammad ahmed 03/21/2022

FE030922.M Mon Mar 21 13:58:30 2022