

rteres

Instrument :

FID\_F

ClientSampleId :

MMFB-2

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF10252  
Data File : FF013613.D  
Signal(s) : FID2B.ch  
Acq On : 25 Oct 2023 15:31  
Sample : 05039-02  
Misc :  
ALS Vial : 64 Sample Multiplier: 1

Reviewed By :Yogesh Patel 10/26/2023  
Supervised By :Ankita Jodhani 10/26/2023

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF101623.M  
Title :

Signal : FID2B.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         | 4.416       | 4.400        | 4.441      | BH       | 374            | 2724         | 0.04%          | 0.001%        |
| 2         | 4.459       | 4.441        | 4.482      | PH       | 1203           | 12685        | 0.16%          | 0.004%        |
| 3         | 4.520       | 4.482        | 4.541      | HH       | 11278          | 121001       | 1.56%          | 0.043%        |
| 4         | 4.556       | 4.541        | 4.575      | HH       | 2838           | 26292        | 0.34%          | 0.009%        |
| 5         | 4.594       | 4.575        | 4.612      | PH       | 1217           | 10740        | 0.14%          | 0.004%        |
| 6         | 4.628       | 4.612        | 4.656      | PH       | 1001           | 7795         | 0.10%          | 0.003%        |
| 7         | 4.684       | 4.656        | 4.719      | PH       | 3798           | 76198        | 0.98%          | 0.027%        |
| 8         | 4.743       | 4.719        | 4.763      | HH       | 3094           | 50074        | 0.65%          | 0.018%        |
| 9         | 4.770       | 4.763        | 4.787      | HH       | 1426           | 14276        | 0.18%          | 0.005%        |
| 10        | 4.805       | 4.787        | 4.818      | HH       | 3392           | 35183        | 0.45%          | 0.012%        |
| 11        | 4.827       | 4.818        | 4.842      | HH       | 1658           | 16585        | 0.21%          | 0.006%        |
| 12        | 4.862       | 4.842        | 4.875      | HH       | 2095           | 28619        | 0.37%          | 0.010%        |
| 13        | 4.883       | 4.875        | 4.896      | HH       | 2311           | 22264        | 0.29%          | 0.008%        |
| 14        | 4.905       | 4.896        | 4.916      | HH       | 1385           | 13901        | 0.18%          | 0.005%        |
| 15        | 4.935       | 4.916        | 4.954      | HH       | 4649           | 55883        | 0.72%          | 0.020%        |
| 16        | 4.980       | 4.954        | 5.001      | HH       | 3645           | 56133        | 0.72%          | 0.020%        |
| 17        | 5.021       | 5.001        | 5.072      | HH       | 4728           | 75768        | 0.98%          | 0.027%        |
| 18        | 5.098       | 5.072        | 5.117      | PH       | 2374           | 27634        | 0.36%          | 0.010%        |
| 19        | 5.133       | 5.117        | 5.159      | HH       | 1426           | 19617        | 0.25%          | 0.007%        |
| 20        | 5.171       | 5.159        | 5.179      | HH       | 679            | 6998         | 0.09%          | 0.002%        |
| 21        | 5.196       | 5.179        | 5.208      | HH       | 3330           | 36830        | 0.48%          | 0.013%        |
| 22        | 5.227       | 5.208        | 5.254      | HH       | 6154           | 100341       | 1.29%          | 0.035%        |
| 23        | 5.271       | 5.254        | 5.287      | HH       | 7036           | 76059        | 0.98%          | 0.027%        |
| 24        | 5.302       | 5.287        | 5.320      | HH       | 5028           | 55722        | 0.72%          | 0.020%        |
| 25        | 5.338       | 5.320        | 5.375      | HH       | 4993           | 64075        | 0.83%          | 0.023%        |
| 26        | 5.398       | 5.375        | 5.415      | HH       | 624            | 10130        | 0.13%          | 0.004%        |
| 27        | 5.436       | 5.415        | 5.446      | HH       | 1858           | 23564        | 0.30%          | 0.008%        |
| 28        | 5.459       | 5.446        | 5.477      | HH       | 2580           | 33379        | 0.43%          | 0.012%        |
| 29        | 5.504       | 5.477        | 5.520      | HH       | 3494           | 58983        | 0.76%          | 0.021%        |
| 30        | 5.532       | 5.520        | 5.548      | HH       | 3184           | 36428        | 0.47%          | 0.013%        |
| 31        | 5.561       | 5.548        | 5.567      | HH       | 1292           | 11912        | 0.15%          | 0.004%        |
| 32        | 5.595       | 5.567        | 5.613      | HH       | 2141           | 39344        | 0.51%          | 0.014%        |
| 33        | 5.625       | 5.613        | 5.634      | HH       | 1017           | 10260        | 0.13%          | 0.004%        |
| 34        | 5.655       | 5.634        | 5.698      | HH       | 25256          | 356407       | 4.60%          | 0.125%        |
| 35        | 5.706       | 5.698        | 5.739      | HH       | 1608           | 32096        | 0.41%          | 0.011%        |
| 36        | 5.754       | 5.739        | 5.772      | HH       | 1873           | 26504        | 0.34%          | 0.009%        |

|    |       |       |       |    | rters |        |       |        |
|----|-------|-------|-------|----|-------|--------|-------|--------|
| 37 | 5.784 | 5.772 | 5.798 | HH | 1280  | 16223  | 0.21% | 0.006% |
| 38 | 5.808 | 5.798 | 5.814 | HH | 1250  | 10263  |       |        |
| 39 | 5.841 | 5.814 | 5.870 | HH | 7899  | 136132 |       |        |
| 40 | 5.878 | 5.870 | 5.894 | HH | 2569  | 29200  |       |        |
| 41 | 5.920 | 5.894 | 5.928 | HH | 4246  | 55559  |       |        |
| 42 | 5.943 | 5.928 | 5.954 | HH | 9552  | 105674 |       |        |
| 43 | 5.964 | 5.954 | 5.988 | HH | 7853  | 112098 | 1.45% | 0.039% |
| 44 | 5.998 | 5.988 | 6.009 | HH | 3097  | 32564  | 0.42% | 0.011% |
| 45 | 6.039 | 6.009 | 6.071 | HH | 10792 | 172405 | 2.22% | 0.061% |
| 46 | 6.087 | 6.071 | 6.107 | HH | 4259  | 64169  | 0.83% | 0.023% |
| 47 | 6.132 | 6.107 | 6.151 | HH | 4547  | 70614  | 0.91% | 0.025% |
| 48 | 6.185 | 6.151 | 6.200 | HH | 4961  | 91354  | 1.18% | 0.032% |
| 49 | 6.218 | 6.200 | 6.239 | HH | 29091 | 312657 | 4.03% | 0.110% |
| 50 | 6.249 | 6.239 | 6.275 | HH | 5676  | 112594 | 1.45% | 0.040% |
| 51 | 6.285 | 6.275 | 6.303 | HH | 5507  | 64336  | 0.83% | 0.023% |
| 52 | 6.330 | 6.303 | 6.346 | HH | 7387  | 111103 | 1.43% | 0.039% |
| 53 | 6.364 | 6.346 | 6.382 | HH | 6545  | 109134 | 1.41% | 0.038% |
| 54 | 6.395 | 6.382 | 6.434 | HH | 7454  | 151065 | 1.95% | 0.053% |
| 55 | 6.451 | 6.434 | 6.467 | HH | 5547  | 72151  | 0.93% | 0.025% |
| 56 | 6.477 | 6.467 | 6.482 | HH | 3397  | 29722  | 0.38% | 0.010% |
| 57 | 6.507 | 6.482 | 6.539 | HH | 5571  | 129546 | 1.67% | 0.046% |
| 58 | 6.556 | 6.539 | 6.583 | HH | 3548  | 77984  | 1.01% | 0.027% |
| 59 | 6.606 | 6.583 | 6.639 | HH | 8625  | 161596 | 2.09% | 0.057% |
| 60 | 6.650 | 6.639 | 6.663 | HH | 3195  | 40927  | 0.53% | 0.014% |
| 61 | 6.684 | 6.663 | 6.733 | HH | 33552 | 428128 | 5.53% | 0.151% |
| 62 | 6.770 | 6.733 | 6.780 | HH | 3275  | 70660  | 0.91% | 0.025% |
| 63 | 6.800 | 6.780 | 6.819 | HH | 5345  | 100701 | 1.30% | 0.035% |
| 64 | 6.838 | 6.819 | 6.862 | HH | 11649 | 165754 | 2.14% | 0.058% |
| 65 | 6.881 | 6.862 | 6.899 | HH | 6116  | 96330  | 1.24% | 0.034% |
| 66 | 6.910 | 6.899 | 6.923 | HH | 4392  | 52385  | 0.68% | 0.018% |
| 67 | 6.964 | 6.923 | 6.986 | HH | 10031 | 186668 | 2.41% | 0.066% |
| 68 | 7.012 | 6.986 | 7.016 | HH | 5705  | 78604  | 1.01% | 0.028% |
| 69 | 7.027 | 7.016 | 7.043 | HH | 6913  | 89461  | 1.15% | 0.031% |
| 70 | 7.047 | 7.043 | 7.060 | HH | 4341  | 39407  | 0.51% | 0.014% |
| 71 | 7.086 | 7.060 | 7.114 | HH | 22245 | 305156 | 3.94% | 0.107% |
| 72 | 7.123 | 7.114 | 7.135 | HH | 3696  | 43795  | 0.57% | 0.015% |
| 73 | 7.161 | 7.135 | 7.178 | HH | 5473  | 105697 | 1.36% | 0.037% |
| 74 | 7.212 | 7.178 | 7.234 | HH | 10632 | 223793 | 2.89% | 0.079% |
| 75 | 7.255 | 7.234 | 7.282 | HH | 12479 | 205905 | 2.66% | 0.072% |
| 76 | 7.312 | 7.282 | 7.344 | HH | 27089 | 469958 | 6.07% | 0.165% |
| 77 | 7.361 | 7.344 | 7.381 | HH | 10043 | 146893 | 1.90% | 0.052% |
| 78 | 7.404 | 7.381 | 7.425 | HH | 14057 | 220578 | 2.85% | 0.078% |
| 79 | 7.449 | 7.425 | 7.483 | HH | 17579 | 308169 | 3.98% | 0.108% |
| 80 | 7.503 | 7.483 | 7.518 | HH | 5978  | 95963  | 1.24% | 0.034% |
| 81 | 7.532 | 7.518 | 7.541 | HH | 4568  | 59061  | 0.76% | 0.021% |
| 82 | 7.553 | 7.541 | 7.566 | HH | 4702  | 65266  | 0.84% | 0.023% |
| 83 | 7.602 | 7.566 | 7.613 | HH | 16814 | 250767 | 3.24% | 0.088% |
| 84 | 7.629 | 7.613 | 7.651 | HH | 46708 | 540322 | 6.97% | 0.190% |
| 85 | 7.663 | 7.651 | 7.675 | HH | 7794  | 97551  | 1.26% | 0.034% |
| 86 | 7.681 | 7.675 | 7.689 | HH | 6733  | 56395  | 0.73% | 0.020% |
| 87 | 7.696 | 7.689 | 7.708 | HH | 6774  | 72083  | 0.93% | 0.025% |
| 88 | 7.713 | 7.708 | 7.736 | HH | 5948  | 86771  | 1.12% | 0.031% |
| 89 | 7.753 | 7.736 | 7.778 | HH | 5345  | 120788 | 1.56% | 0.043% |

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|     |       |       |       |    |       |         |        |        |
|-----|-------|-------|-------|----|-------|---------|--------|--------|
| 90  | 7.801 | 7.778 | 7.835 | HH | 14129 | 305460  | 3.94%  | 0.108% |
| 91  | 7.854 | 7.835 | 7.878 | HH | 7355  | 138385  |        |        |
| 92  | 7.895 | 7.878 | 7.909 | HH | 6509  | 97802   |        |        |
| 93  | 7.918 | 7.909 | 7.927 | HH | 5205  | 52407   |        |        |
| 94  | 7.943 | 7.927 | 7.953 | HH | 8895  | 113564  |        |        |
| 95  | 7.965 | 7.953 | 7.984 | HH | 8349  | 130244  |        |        |
| 96  | 7.999 | 7.984 | 8.031 | HH | 7981  | 177401  | 2.29%  | 0.062% |
| 97  | 8.055 | 8.031 | 8.075 | HH | 11191 | 217305  | 2.80%  | 0.076% |
| 98  | 8.092 | 8.075 | 8.106 | HH | 10638 | 168019  | 2.17%  | 0.059% |
| 99  | 8.113 | 8.106 | 8.132 | HH | 9172  | 123221  | 1.59%  | 0.043% |
| 100 | 8.156 | 8.132 | 8.174 | HH | 11351 | 206900  | 2.67%  | 0.073% |
| 101 | 8.204 | 8.174 | 8.220 | HH | 15907 | 274747  | 3.55%  | 0.097% |
| 102 | 8.235 | 8.220 | 8.246 | HH | 14811 | 186732  | 2.41%  | 0.066% |
| 103 | 8.259 | 8.246 | 8.283 | HH | 17413 | 246513  | 3.18%  | 0.087% |
| 104 | 8.306 | 8.283 | 8.313 | HH | 11956 | 161453  | 2.08%  | 0.057% |
| 105 | 8.328 | 8.313 | 8.363 | HH | 20268 | 363675  | 4.69%  | 0.128% |
| 106 | 8.382 | 8.363 | 8.396 | HH | 7224  | 133197  | 1.72%  | 0.047% |
| 107 | 8.425 | 8.396 | 8.442 | HH | 19998 | 354852  | 4.58%  | 0.125% |
| 108 | 8.455 | 8.442 | 8.463 | HH | 16190 | 177844  | 2.30%  | 0.063% |
| 109 | 8.476 | 8.463 | 8.491 | HH | 21239 | 309232  | 3.99%  | 0.109% |
| 110 | 8.510 | 8.491 | 8.534 | HH | 60763 | 767624  | 9.91%  | 0.270% |
| 111 | 8.553 | 8.534 | 8.569 | HH | 10505 | 206310  | 2.66%  | 0.073% |
| 112 | 8.610 | 8.569 | 8.641 | HH | 29288 | 648177  | 8.36%  | 0.228% |
| 113 | 8.666 | 8.641 | 8.682 | HH | 14605 | 275270  | 3.55%  | 0.097% |
| 114 | 8.696 | 8.682 | 8.713 | HH | 12200 | 204677  | 2.64%  | 0.072% |
| 115 | 8.727 | 8.713 | 8.774 | HH | 14491 | 360213  | 4.65%  | 0.127% |
| 116 | 8.801 | 8.774 | 8.824 | HH | 9588  | 239143  | 3.09%  | 0.084% |
| 117 | 8.837 | 8.824 | 8.850 | HH | 8313  | 120503  | 1.56%  | 0.042% |
| 118 | 8.869 | 8.850 | 8.894 | HH | 13256 | 284407  | 3.67%  | 0.100% |
| 119 | 8.908 | 8.894 | 8.917 | HH | 14444 | 185774  | 2.40%  | 0.065% |
| 120 | 8.930 | 8.917 | 8.945 | HH | 14691 | 231739  | 2.99%  | 0.082% |
| 121 | 8.959 | 8.945 | 8.984 | HH | 18453 | 335001  | 4.32%  | 0.118% |
| 122 | 9.003 | 8.984 | 9.018 | HH | 14613 | 250234  | 3.23%  | 0.088% |
| 123 | 9.049 | 9.018 | 9.079 | HH | 31115 | 611032  | 7.89%  | 0.215% |
| 124 | 9.102 | 9.079 | 9.119 | HH | 16833 | 297456  | 3.84%  | 0.105% |
| 125 | 9.128 | 9.119 | 9.134 | HH | 10498 | 91949   | 1.19%  | 0.032% |
| 126 | 9.151 | 9.134 | 9.167 | HH | 13886 | 233729  | 3.02%  | 0.082% |
| 127 | 9.183 | 9.167 | 9.214 | HH | 13457 | 323498  | 4.17%  | 0.114% |
| 128 | 9.226 | 9.214 | 9.243 | HH | 10811 | 176729  | 2.28%  | 0.062% |
| 129 | 9.275 | 9.243 | 9.294 | HH | 13549 | 355813  | 4.59%  | 0.125% |
| 130 | 9.336 | 9.294 | 9.355 | HH | 77722 | 1172202 | 15.13% | 0.413% |
| 131 | 9.361 | 9.355 | 9.400 | HH | 17911 | 349652  | 4.51%  | 0.123% |
| 132 | 9.421 | 9.400 | 9.446 | HH | 16518 | 348705  | 4.50%  | 0.123% |
| 133 | 9.476 | 9.446 | 9.496 | HH | 17391 | 387805  | 5.00%  | 0.136% |
| 134 | 9.510 | 9.496 | 9.523 | HH | 13307 | 187823  | 2.42%  | 0.066% |
| 135 | 9.535 | 9.523 | 9.545 | HH | 11854 | 150605  | 1.94%  | 0.053% |
| 136 | 9.562 | 9.545 | 9.583 | HH | 16219 | 295548  | 3.81%  | 0.104% |
| 137 | 9.593 | 9.583 | 9.599 | HH | 11805 | 114348  | 1.48%  | 0.040% |
| 138 | 9.616 | 9.599 | 9.633 | HH | 17332 | 285403  | 3.68%  | 0.100% |
| 139 | 9.658 | 9.633 | 9.677 | HH | 13982 | 331836  | 4.28%  | 0.117% |
| 140 | 9.712 | 9.677 | 9.742 | HH | 27795 | 767679  | 9.91%  | 0.270% |
| 141 | 9.755 | 9.742 | 9.765 | HH | 16331 | 203612  | 2.63%  | 0.072% |

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|     |        |        |        |    |       |         |        |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
|     |        |        |        |    |       |         |        |        |
|     |        |        |        |    | rters |         |        |        |
| 142 | 9.778  | 9.765  | 9.784  | HH | 18250 | 204639  | 2.64%  | 0.072% |
| 143 | 9.797  | 9.784  | 9.821  | HH | 21536 | 368979  |        |        |
| 144 | 9.842  | 9.821  | 9.862  | HH | 23271 | 414539  |        |        |
| 145 | 9.895  | 9.862  | 9.922  | HH | 21171 | 556347  |        |        |
|     |        |        |        |    |       |         |        |        |
| 146 | 9.942  | 9.922  | 9.948  | HH | 12287 | 184275  |        |        |
| 147 | 9.957  | 9.948  | 9.973  | HH | 12709 | 179692  |        |        |
| 148 | 9.977  | 9.973  | 9.984  | HH | 11312 | 77283   | 1.00%  | 0.027% |
| 149 | 10.024 | 9.984  | 10.043 | HH | 14190 | 436885  | 5.64%  | 0.154% |
| 150 | 10.071 | 10.043 | 10.093 | HH | 18540 | 462187  | 5.96%  | 0.163% |
|     |        |        |        |    |       |         |        |        |
| 151 | 10.115 | 10.093 | 10.164 | HH | 91111 | 1389243 | 17.93% | 0.489% |
| 152 | 10.188 | 10.164 | 10.209 | HH | 15345 | 378042  | 4.88%  | 0.133% |
| 153 | 10.218 | 10.209 | 10.235 | HH | 14560 | 218677  | 2.82%  | 0.077% |
| 154 | 10.240 | 10.235 | 10.258 | HH | 12525 | 158866  | 2.05%  | 0.056% |
| 155 | 10.286 | 10.258 | 10.314 | HH | 15195 | 413292  | 5.33%  | 0.145% |
|     |        |        |        |    |       |         |        |        |
| 156 | 10.325 | 10.314 | 10.339 | HH | 11819 | 177863  | 2.30%  | 0.063% |
| 157 | 10.360 | 10.339 | 10.372 | HH | 11879 | 227313  | 2.93%  | 0.080% |
| 158 | 10.389 | 10.372 | 10.409 | HH | 13232 | 276397  | 3.57%  | 0.097% |
| 159 | 10.414 | 10.409 | 10.418 | HH | 11481 | 56119   | 0.72%  | 0.020% |
| 160 | 10.462 | 10.418 | 10.477 | HH | 20429 | 555076  | 7.16%  | 0.195% |
|     |        |        |        |    |       |         |        |        |
| 161 | 10.504 | 10.477 | 10.530 | HH | 39267 | 810212  | 10.46% | 0.285% |
| 162 | 10.553 | 10.530 | 10.568 | HH | 22520 | 408511  | 5.27%  | 0.144% |
| 163 | 10.588 | 10.568 | 10.608 | HH | 22281 | 475231  | 6.13%  | 0.167% |
| 164 | 10.619 | 10.608 | 10.632 | HH | 18910 | 252360  | 3.26%  | 0.089% |
| 165 | 10.648 | 10.632 | 10.676 | HH | 22872 | 463509  | 5.98%  | 0.163% |
|     |        |        |        |    |       |         |        |        |
| 166 | 10.696 | 10.676 | 10.729 | HH | 17257 | 470847  | 6.08%  | 0.166% |
| 167 | 10.752 | 10.729 | 10.774 | HH | 19083 | 446116  | 5.76%  | 0.157% |
| 168 | 10.786 | 10.774 | 10.812 | HH | 17021 | 371347  | 4.79%  | 0.131% |
| 169 | 10.855 | 10.812 | 10.884 | HH | 89979 | 1549398 | 20.00% | 0.545% |
| 170 | 10.927 | 10.884 | 10.954 | HH | 49138 | 1236189 | 15.95% | 0.435% |
|     |        |        |        |    |       |         |        |        |
| 171 | 10.967 | 10.954 | 11.010 | HH | 20437 | 590466  | 7.62%  | 0.208% |
| 172 | 11.066 | 11.010 | 11.077 | HH | 17274 | 627693  | 8.10%  | 0.221% |
| 173 | 11.099 | 11.077 | 11.149 | HH | 61049 | 1193292 | 15.40% | 0.420% |
| 174 | 11.175 | 11.149 | 11.214 | HH | 41732 | 1029122 | 13.28% | 0.362% |
| 175 | 11.247 | 11.214 | 11.262 | HH | 23788 | 621838  | 8.03%  | 0.219% |
|     |        |        |        |    |       |         |        |        |
| 176 | 11.270 | 11.262 | 11.290 | HH | 22001 | 318003  | 4.10%  | 0.112% |
| 177 | 11.309 | 11.290 | 11.340 | HH | 23515 | 552835  | 7.13%  | 0.195% |
| 178 | 11.361 | 11.340 | 11.379 | HH | 22924 | 440519  | 5.69%  | 0.155% |
| 179 | 11.410 | 11.379 | 11.431 | HH | 18649 | 533008  | 6.88%  | 0.188% |
| 180 | 11.462 | 11.431 | 11.477 | HH | 17868 | 459827  | 5.93%  | 0.162% |
|     |        |        |        |    |       |         |        |        |
| 181 | 11.493 | 11.477 | 11.522 | HH | 18521 | 484034  | 6.25%  | 0.170% |
| 182 | 11.557 | 11.522 | 11.607 | HH | 85030 | 1701378 | 21.96% | 0.599% |
| 183 | 11.648 | 11.607 | 11.681 | HH | 40954 | 1172394 | 15.13% | 0.413% |
| 184 | 11.706 | 11.681 | 11.729 | HH | 18630 | 513198  | 6.62%  | 0.181% |
| 185 | 11.754 | 11.729 | 11.775 | HH | 22640 | 523610  | 6.76%  | 0.184% |
|     |        |        |        |    |       |         |        |        |
| 186 | 11.801 | 11.775 | 11.816 | HH | 18747 | 444567  | 5.74%  | 0.156% |
| 187 | 11.855 | 11.816 | 11.879 | HH | 23258 | 777675  | 10.04% | 0.274% |
| 188 | 11.903 | 11.879 | 11.919 | HH | 30654 | 604817  | 7.81%  | 0.213% |
| 189 | 11.934 | 11.919 | 11.979 | HH | 32958 | 937158  | 12.09% | 0.330% |
| 190 | 11.996 | 11.979 | 12.005 | HH | 27599 | 397459  | 5.13%  | 0.140% |
|     |        |        |        |    |       |         |        |        |
| 191 | 12.017 | 12.005 | 12.032 | HH | 30987 | 437708  | 5.65%  | 0.154% |
| 192 | 12.048 | 12.032 | 12.065 | HH | 32813 | 542592  | 7.00%  | 0.191% |
| 193 | 12.082 | 12.065 | 12.105 | HH | 30626 | 594155  | 7.67%  | 0.209% |
| 194 | 12.112 | 12.105 | 12.137 | HH | 19938 | 375778  | 4.85%  | 0.132% |

Instrument :

FID\_F

ClientSampleId :

MMFB-2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :Ankita Jodhani 10/26/2023

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rters  |         |        |        |
| 195 | 12.162 | 12.137 | 12.180 | HH | 20191  | 485334  | 6.26%  | 0.171% |
| 196 | 12.228 | 12.180 | 12.254 | HH | 73993  | 1633085 |        |        |
| 197 | 12.277 | 12.254 | 12.329 | HH | 43950  | 1269143 |        |        |
| 198 | 12.335 | 12.329 | 12.349 | HH | 21355  | 250320  |        |        |
| 199 | 12.376 | 12.349 | 12.397 | HH | 25611  | 646471  |        |        |
| 200 | 12.405 | 12.397 | 12.417 | HH | 21376  | 255337  |        |        |
| 201 | 12.435 | 12.417 | 12.447 | HH | 24328  | 413565  | 5.34%  | 0.146% |
| 202 | 12.472 | 12.447 | 12.493 | HH | 72587  | 1162210 | 15.00% | 0.409% |
| 203 | 12.501 | 12.493 | 12.557 | HH | 26190  | 957434  | 12.36% | 0.337% |
| 204 | 12.606 | 12.557 | 12.621 | HH | 26053  | 933316  | 12.04% | 0.328% |
| 205 | 12.641 | 12.621 | 12.673 | HH | 29853  | 806749  | 10.41% | 0.284% |
| 206 | 12.693 | 12.673 | 12.728 | HH | 30038  | 842355  | 10.87% | 0.296% |
| 207 | 12.751 | 12.728 | 12.768 | HH | 26858  | 581509  | 7.50%  | 0.205% |
| 208 | 12.802 | 12.768 | 12.822 | HH | 39644  | 988680  | 12.76% | 0.348% |
| 209 | 12.838 | 12.822 | 12.845 | HH | 30444  | 406558  | 5.25%  | 0.143% |
| 210 | 12.867 | 12.845 | 12.893 | HH | 75677  | 1357709 | 17.52% | 0.478% |
| 211 | 12.918 | 12.893 | 12.974 | HH | 81018  | 1944171 | 25.09% | 0.684% |
| 212 | 12.978 | 12.974 | 13.001 | HH | 25614  | 399469  | 5.16%  | 0.141% |
| 213 | 13.015 | 13.001 | 13.032 | HH | 27251  | 480364  | 6.20%  | 0.169% |
| 214 | 13.053 | 13.032 | 13.072 | HH | 33780  | 717973  | 9.27%  | 0.253% |
| 215 | 13.115 | 13.072 | 13.144 | HH | 33162  | 1311322 | 16.92% | 0.462% |
| 216 | 13.159 | 13.144 | 13.179 | HH | 33213  | 653711  | 8.44%  | 0.230% |
| 217 | 13.215 | 13.179 | 13.242 | HH | 100627 | 1915586 | 24.72% | 0.674% |
| 218 | 13.265 | 13.242 | 13.279 | HH | 78967  | 1255308 | 16.20% | 0.442% |
| 219 | 13.297 | 13.279 | 13.332 | HH | 119999 | 2265846 | 29.24% | 0.797% |
| 220 | 13.354 | 13.332 | 13.380 | HH | 85895  | 1585120 | 20.46% | 0.558% |
| 221 | 13.386 | 13.380 | 13.407 | HH | 35975  | 560149  | 7.23%  | 0.197% |
| 222 | 13.414 | 13.407 | 13.442 | HH | 34044  | 683388  | 8.82%  | 0.241% |
| 223 | 13.481 | 13.442 | 13.509 | HH | 68416  | 1734394 | 22.38% | 0.610% |
| 224 | 13.535 | 13.509 | 13.602 | HH | 47103  | 2189667 | 28.26% | 0.771% |
| 225 | 13.616 | 13.602 | 13.629 | HH | 36992  | 566590  | 7.31%  | 0.199% |
| 226 | 13.645 | 13.629 | 13.657 | HH | 38191  | 614598  | 7.93%  | 0.216% |
| 227 | 13.678 | 13.657 | 13.684 | HH | 40447  | 623715  | 8.05%  | 0.220% |
| 228 | 13.706 | 13.684 | 13.737 | HH | 51069  | 1461599 | 18.86% | 0.514% |
| 229 | 13.754 | 13.737 | 13.770 | HH | 43020  | 807884  | 10.43% | 0.284% |
| 230 | 13.804 | 13.770 | 13.842 | HH | 56664  | 2062430 | 26.62% | 0.726% |
| 231 | 13.856 | 13.842 | 13.885 | HH | 45088  | 1101347 | 14.21% | 0.388% |
| 232 | 13.912 | 13.885 | 13.934 | HH | 58733  | 1489757 | 19.23% | 0.524% |
| 233 | 13.952 | 13.934 | 13.976 | HH | 55636  | 1259870 | 16.26% | 0.443% |
| 234 | 13.985 | 13.976 | 14.017 | HH | 49508  | 1187520 | 15.33% | 0.418% |
| 235 | 14.068 | 14.017 | 14.101 | HH | 74968  | 2870043 | 37.04% | 1.010% |
| 236 | 14.124 | 14.101 | 14.144 | HH | 65298  | 1462804 | 18.88% | 0.515% |
| 237 | 14.153 | 14.144 | 14.177 | HH | 53594  | 1024092 | 13.22% | 0.360% |
| 238 | 14.185 | 14.177 | 14.195 | HH | 49308  | 521187  | 6.73%  | 0.183% |
| 239 | 14.210 | 14.195 | 14.234 | HH | 49398  | 1132509 | 14.62% | 0.399% |
| 240 | 14.295 | 14.234 | 14.351 | HH | 66349  | 4004064 | 51.67% | 1.409% |
| 241 | 14.362 | 14.351 | 14.377 | HH | 59918  | 926287  | 11.95% | 0.326% |
| 242 | 14.395 | 14.377 | 14.412 | HH | 58935  | 1164827 | 15.03% | 0.410% |
| 243 | 14.428 | 14.412 | 14.434 | HH | 59430  | 771497  | 9.96%  | 0.272% |
| 244 | 14.451 | 14.434 | 14.464 | HH | 63210  | 1104422 | 14.25% | 0.389% |
| 245 | 14.481 | 14.464 | 14.511 | HH | 69111  | 1866903 | 24.09% | 0.657% |
| 246 | 14.516 | 14.511 | 14.520 | HH | 65740  | 368598  | 4.76%  | 0.130% |

Instrument :

FID\_F

ClientSampleId :

MMFB-2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :Ankita Jodhani 10/26/2023

| Instrument :<br>FID_F<br>ClientSampleId :<br>MMFB-2 |        |        |        |    |        |         |        |        |
|-----------------------------------------------------|--------|--------|--------|----|--------|---------|--------|--------|
| rteres                                              |        |        |        |    |        |         |        |        |
| 247                                                 | 14.538 | 14.520 | 14.589 | HH | 69299  | 2720006 | 35.10% | 0.957% |
| 248                                                 | 14.631 | 14.589 | 14.669 | HH | 88028  | 3423752 | 44.27% | 1.098% |
| 249                                                 | 14.693 | 14.669 | 14.707 | HH | 79500  | 1708884 | 22.28% | 0.424% |
| 250                                                 | 14.719 | 14.707 | 14.738 | HH | 78956  | 1447238 | 18.47% | 0.608% |
| 251                                                 | 14.749 | 14.738 | 14.764 | HH | 73256  | 1118828 | 14.27% | 0.980% |
| 252                                                 | 14.782 | 14.764 | 14.804 | HH | 79268  | 1751243 | 22.28% | 0.830% |
| 253                                                 | 14.840 | 14.804 | 14.871 | HH | 86813  | 3120742 | 40.27% | 1.098% |
| 254                                                 | 14.885 | 14.871 | 14.897 | HH | 77589  | 1204549 | 15.55% | 0.424% |
| 255                                                 | 14.913 | 14.897 | 14.934 | HH | 80312  | 1726360 | 22.28% | 0.608% |
| 256                                                 | 14.968 | 14.934 | 14.997 | HH | 186017 | 4349072 | 56.13% | 1.531% |
| 257                                                 | 15.051 | 14.997 | 15.067 | HH | 87814  | 3514276 | 45.35% | 1.237% |
| 258                                                 | 15.093 | 15.067 | 15.114 | HH | 112843 | 2657214 | 34.29% | 0.935% |
| 259                                                 | 15.136 | 15.114 | 15.154 | HH | 111923 | 2299871 | 29.68% | 0.809% |
| 260                                                 | 15.171 | 15.154 | 15.191 | HH | 97009  | 2000284 | 25.81% | 0.704% |
| 261                                                 | 15.227 | 15.191 | 15.243 | HH | 95460  | 2783902 | 35.93% | 0.980% |
| 262                                                 | 15.252 | 15.243 | 15.287 | HH | 95340  | 2358820 | 30.44% | 0.830% |
| 263                                                 | 15.303 | 15.287 | 15.337 | HH | 88343  | 2522363 | 32.55% | 0.888% |
| 264                                                 | 15.366 | 15.337 | 15.389 | HH | 98416  | 2870818 | 37.05% | 1.010% |
| 265                                                 | 15.416 | 15.389 | 15.433 | HH | 98942  | 2500067 | 32.26% | 0.880% |
| 266                                                 | 15.438 | 15.433 | 15.468 | HH | 95201  | 1937820 | 25.01% | 0.682% |
| 267                                                 | 15.478 | 15.468 | 15.502 | HH | 92092  | 1875564 | 24.20% | 0.660% |
| 268                                                 | 15.547 | 15.502 | 15.584 | HH | 150848 | 5446264 | 70.29% | 1.917% |
| 269                                                 | 15.601 | 15.584 | 15.645 | HH | 103558 | 3625032 | 46.78% | 1.276% |
| 270                                                 | 15.703 | 15.645 | 15.729 | HH | 119869 | 5346759 | 69.00% | 1.882% |
| 271                                                 | 15.741 | 15.729 | 15.760 | HH | 116206 | 2105502 | 27.17% | 0.741% |
| 272                                                 | 15.769 | 15.760 | 15.792 | HH | 113725 | 2071866 | 26.74% | 0.729% |
| 273                                                 | 15.809 | 15.792 | 15.815 | HH | 102769 | 1377242 | 17.77% | 0.485% |
| 274                                                 | 15.821 | 15.815 | 15.842 | HH | 102149 | 1623277 | 20.95% | 0.571% |
| 275                                                 | 15.874 | 15.842 | 15.892 | HH | 114745 | 3184949 | 41.10% | 1.121% |
| 276                                                 | 15.910 | 15.892 | 15.928 | HH | 115368 | 2383245 | 30.76% | 0.839% |
| 277                                                 | 15.931 | 15.928 | 15.966 | HH | 114940 | 2534654 | 32.71% | 0.892% |
| 278                                                 | 15.970 | 15.966 | 15.975 | HH | 102727 | 521095  | 6.72%  | 0.183% |
| 279                                                 | 16.008 | 15.975 | 16.039 | HH | 114447 | 4235163 | 54.66% | 1.491% |
| 280                                                 | 16.064 | 16.039 | 16.084 | HH | 115825 | 3032659 | 39.14% | 1.067% |
| 281                                                 | 16.088 | 16.084 | 16.096 | HH | 113809 | 820992  | 10.60% | 0.289% |
| 282                                                 | 16.101 | 16.096 | 16.109 | HH | 112043 | 829124  | 10.70% | 0.292% |
| 283                                                 | 16.115 | 16.109 | 16.120 | HH | 112218 | 739482  | 9.54%  | 0.260% |
| 284                                                 | 16.123 | 16.120 | 16.144 | HH | 111434 | 1594818 | 20.58% | 0.561% |
| 285                                                 | 16.159 | 16.144 | 16.170 | HH | 111124 | 1731046 | 22.34% | 0.609% |
| 286                                                 | 16.193 | 16.170 | 16.211 | HH | 119182 | 2770165 | 35.75% | 0.975% |
| 287                                                 | 16.237 | 16.211 | 16.273 | HH | 124155 | 4339605 | 56.00% | 1.527% |
| 288                                                 | 16.294 | 16.273 | 16.340 | HH | 111746 | 4402436 | 56.82% | 1.549% |
| 289                                                 | 16.373 | 16.340 | 16.394 | HH | 128639 | 3897415 | 50.30% | 1.372% |
| 290                                                 | 16.404 | 16.394 | 16.414 | HH | 122544 | 1430901 | 18.47% | 0.504% |
| 291                                                 | 16.429 | 16.414 | 16.447 | HH | 123505 | 2418842 | 31.22% | 0.851% |
| 292                                                 | 16.452 | 16.447 | 16.459 | HH | 119537 | 809690  | 10.45% | 0.285% |
| 293                                                 | 16.518 | 16.459 | 16.548 | HH | 132587 | 6813969 | 87.94% | 2.398% |
| 294                                                 | 16.563 | 16.548 | 16.592 | HH | 134793 | 3431291 | 44.28% | 1.208% |
| 295                                                 | 16.608 | 16.592 | 16.623 | HH | 126431 | 2265470 | 29.24% | 0.797% |
| 296                                                 | 16.657 | 16.623 | 16.700 | HH | 152606 | 6394913 | 82.53% | 2.251% |
| 297                                                 | 16.711 | 16.700 | 16.716 | HH | 131168 | 1175476 | 15.17% | 0.414% |
| 298                                                 | 16.721 | 16.716 | 16.735 | HH | 128536 | 1494465 | 19.29% | 0.526% |
| 299                                                 | 16.757 | 16.735 | 16.769 | HH | 135205 | 2645404 | 34.14% | 0.931% |

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2023  
Supervised By :Ankita Jodhani 10/26/2023

|                         | Area   | Height | Width  | Area% | Height%   | Width%  | Area%   | Height% | Width% |
|-------------------------|--------|--------|--------|-------|-----------|---------|---------|---------|--------|
| 300                     | 16.802 | 16.769 | 16.821 | HH    | 147671    | 4253530 | 54.89%  | 1.497%  |        |
| 301                     | 16.841 | 16.821 | 16.874 | HH    | 143152    | 4320470 | 55.11%  | 1.497%  |        |
| 302                     | 16.882 | 16.874 | 16.888 | HH    | 132168    | 1045992 | 13.22%  | 1.497%  |        |
| 303                     | 16.910 | 16.888 | 16.940 | HH    | 135989    | 4132990 | 53.89%  | 1.497%  |        |
| 304                     | 16.975 | 16.940 | 16.996 | HH    | 155431    | 4729023 | 61.22%  | 1.497%  |        |
| 305                     | 17.031 | 16.996 | 17.091 | HH    | 158875    | 7748677 | 100.00% | 1.497%  |        |
| 306                     | 17.115 | 17.091 | 17.124 | HH    | 132132    | 2553652 | 32.96%  | 0.899%  |        |
| 307                     | 17.136 | 17.124 | 17.152 | HH    | 139872    | 2269369 | 29.29%  | 0.799%  |        |
| 308                     | 17.176 | 17.152 | 17.201 | HHA   | 138799    | 4087917 | 52.76%  | 1.439%  |        |
| Sum of corrected areas: |        |        |        |       | 284135783 |         |         |         |        |

Instrument :

FID\_F

ClientSampleId :

MMFB-2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/26/2023

Supervised By :Ankita Jodhani 10/26/2023

FF101623.M Thu Oct 26 03:49:34 2023