

rteres

Instrument :

FID\_F

ClientSampleId :

GT-05-(11-15)

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF05052  
 Data File : FF010553.D  
 Signal(s) : FID2B.ch  
 Acq On : 05 May 2022 13:48  
 Sample : N2676-01  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Reviewed By :Yogesh Patel 05/06/2022

Supervised By :mohammad ahmed 05/06/2022

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF042922.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         | 2.006       | 1.997        | 2.015      | BV       | 1963           | 14674        | 0.03%          | 0.001%        |
| 2         | 2.034       | 2.015        | 2.063      | VV       | 9741           | 119091       | 0.27%          | 0.008%        |
| 3         | 2.070       | 2.063        | 2.078      | VV       | 1372           | 11447        | 0.03%          | 0.001%        |
| 4         | 2.098       | 2.078        | 2.112      | VV       | 6006           | 58106        | 0.13%          | 0.004%        |
| 5         | 2.131       | 2.112        | 2.142      | VV       | 3220           | 42140        | 0.10%          | 0.003%        |
| 6         | 2.152       | 2.142        | 2.172      | VV       | 3043           | 42930        | 0.10%          | 0.003%        |
| 7         | 2.180       | 2.172        | 2.188      | VV       | 2090           | 16551        | 0.04%          | 0.001%        |
| 8         | 2.205       | 2.188        | 2.232      | VV       | 24302          | 195874       | 0.45%          | 0.013%        |
| 9         | 2.235       | 2.232        | 2.242      | VV       | 800            | 4401         | 0.01%          | 0.000%        |
| 10        | 2.269       | 2.242        | 2.300      | VV       | 12920          | 131336       | 0.30%          | 0.009%        |
| 11        | 2.337       | 2.300        | 2.357      | VV       | 3616           | 49603        | 0.11%          | 0.003%        |
| 12        | 2.373       | 2.357        | 2.378      | VV       | 882            | 9998         | 0.02%          | 0.001%        |
| 13        | 2.394       | 2.378        | 2.405      | VV       | 3016           | 28593        | 0.07%          | 0.002%        |
| 14        | 2.418       | 2.405        | 2.428      | VV       | 3718           | 32643        | 0.07%          | 0.002%        |
| 15        | 2.437       | 2.428        | 2.445      | VV       | 3216           | 28446        | 0.07%          | 0.002%        |
| 16        | 2.452       | 2.445        | 2.472      | VV       | 4016           | 37880        | 0.09%          | 0.002%        |
| 17        | 2.491       | 2.472        | 2.524      | VV       | 15555          | 181701       | 0.42%          | 0.012%        |
| 18        | 2.557       | 2.524        | 2.575      | VV       | 32421          | 374027       | 0.86%          | 0.025%        |
| 19        | 2.592       | 2.575        | 2.605      | VV       | 44593          | 367120       | 0.84%          | 0.024%        |
| 20        | 2.620       | 2.605        | 2.648      | VV       | 35375          | 419443       | 0.96%          | 0.028%        |
| 21        | 2.657       | 2.648        | 2.690      | VV       | 9090           | 121294       | 0.28%          | 0.008%        |
| 22        | 2.742       | 2.690        | 2.766      | VV       | 44594          | 545583       | 1.25%          | 0.036%        |
| 23        | 2.781       | 2.766        | 2.797      | VV       | 3313           | 37314        | 0.09%          | 0.002%        |
| 24        | 2.826       | 2.797        | 2.838      | VV       | 10625          | 131259       | 0.30%          | 0.009%        |
| 25        | 2.854       | 2.838        | 2.866      | VV       | 13978          | 147376       | 0.34%          | 0.010%        |
| 26        | 2.877       | 2.866        | 2.905      | VV       | 10692          | 126395       | 0.29%          | 0.008%        |
| 27        | 2.912       | 2.905        | 2.918      | VV       | 502            | 3691         | 0.01%          | 0.000%        |
| 28        | 2.942       | 2.918        | 2.955      | VV       | 10590          | 107977       | 0.25%          | 0.007%        |
| 29        | 2.970       | 2.955        | 2.983      | VV       | 23445          | 206764       | 0.47%          | 0.014%        |
| 30        | 2.988       | 2.983        | 3.000      | VV       | 8229           | 65464        | 0.15%          | 0.004%        |
| 31        | 3.034       | 3.000        | 3.060      | VV       | 24879          | 403217       | 0.93%          | 0.027%        |
| 32        | 3.072       | 3.060        | 3.081      | VV       | 5486           | 53813        | 0.12%          | 0.004%        |
| 33        | 3.106       | 3.081        | 3.119      | VV       | 56661          | 716964       | 1.65%          | 0.047%        |
| 34        | 3.130       | 3.119        | 3.150      | VV       | 41343          | 418423       | 0.96%          | 0.028%        |
| 35        | 3.160       | 3.150        | 3.168      | VV       | 6465           | 58086        | 0.13%          | 0.004%        |
| 36        | 3.178       | 3.168        | 3.206      | VV       | 6758           | 85916        | 0.20%          | 0.006%        |

|    |       |       |       |    |        |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
|    |       |       |       |    | rters  |         |        |        |
| 37 | 3.228 | 3.206 | 3.242 | PV | 13433  | 121557  | 0.28%  | 0.008% |
| 38 | 3.256 | 3.242 | 3.265 | VV | 12841  | 120988  |        |        |
| 39 | 3.277 | 3.265 | 3.287 | VV | 24440  | 225699  |        |        |
| 40 | 3.302 | 3.287 | 3.317 | VV | 84460  | 804340  |        |        |
| 41 | 3.327 | 3.317 | 3.363 | VV | 23236  | 284284  |        |        |
| 42 | 3.383 | 3.363 | 3.392 | VV | 6898   | 73723   |        |        |
| 43 | 3.409 | 3.392 | 3.421 | VV | 50478  | 496487  | 1.14%  | 0.033% |
| 44 | 3.433 | 3.421 | 3.449 | VV | 50998  | 508398  | 1.17%  | 0.033% |
| 45 | 3.465 | 3.449 | 3.513 | VV | 36000  | 806911  | 1.85%  | 0.053% |
| 46 | 3.525 | 3.513 | 3.535 | VV | 24459  | 209939  | 0.48%  | 0.014% |
| 47 | 3.551 | 3.535 | 3.581 | VV | 103797 | 1299659 | 2.98%  | 0.085% |
| 48 | 3.614 | 3.581 | 3.633 | VV | 53821  | 820340  | 1.88%  | 0.054% |
| 49 | 3.660 | 3.633 | 3.701 | VV | 87475  | 2145517 | 4.92%  | 0.141% |
| 50 | 3.715 | 3.701 | 3.720 | VV | 53313  | 462468  | 1.06%  | 0.030% |
| 51 | 3.730 | 3.720 | 3.742 | VV | 66054  | 699789  | 1.61%  | 0.046% |
| 52 | 3.750 | 3.742 | 3.764 | VV | 49112  | 456333  | 1.05%  | 0.030% |
| 53 | 3.779 | 3.764 | 3.808 | VV | 56616  | 723030  | 1.66%  | 0.048% |
| 54 | 3.826 | 3.808 | 3.846 | VV | 148708 | 1356101 | 3.11%  | 0.089% |
| 55 | 3.874 | 3.846 | 3.891 | VV | 65354  | 976914  | 2.24%  | 0.064% |
| 56 | 3.901 | 3.891 | 3.922 | VV | 60002  | 646738  | 1.48%  | 0.043% |
| 57 | 3.943 | 3.922 | 3.965 | VV | 38081  | 544240  | 1.25%  | 0.036% |
| 58 | 3.982 | 3.965 | 4.003 | VV | 64205  | 1001599 | 2.30%  | 0.066% |
| 59 | 4.017 | 4.003 | 4.038 | VV | 81674  | 1262535 | 2.90%  | 0.083% |
| 60 | 4.047 | 4.038 | 4.070 | VV | 62504  | 767819  | 1.76%  | 0.050% |
| 61 | 4.096 | 4.070 | 4.101 | VV | 37469  | 449796  | 1.03%  | 0.030% |
| 62 | 4.133 | 4.101 | 4.144 | VV | 93823  | 1619241 | 3.72%  | 0.106% |
| 63 | 4.160 | 4.144 | 4.183 | VV | 136726 | 1771928 | 4.07%  | 0.116% |
| 64 | 4.198 | 4.183 | 4.233 | VV | 75748  | 1177349 | 2.70%  | 0.077% |
| 65 | 4.269 | 4.233 | 4.289 | VV | 121574 | 1755756 | 4.03%  | 0.115% |
| 66 | 4.308 | 4.289 | 4.331 | VV | 102122 | 1676408 | 3.85%  | 0.110% |
| 67 | 4.344 | 4.331 | 4.384 | VV | 72234  | 1670631 | 3.83%  | 0.110% |
| 68 | 4.394 | 4.384 | 4.408 | VV | 48836  | 548820  | 1.26%  | 0.036% |
| 69 | 4.424 | 4.408 | 4.451 | VV | 83919  | 1272550 | 2.92%  | 0.084% |
| 70 | 4.471 | 4.451 | 4.484 | VV | 29907  | 541913  | 1.24%  | 0.036% |
| 71 | 4.514 | 4.484 | 4.522 | VV | 96352  | 1374688 | 3.15%  | 0.090% |
| 72 | 4.528 | 4.522 | 4.537 | VV | 91031  | 791074  | 1.82%  | 0.052% |
| 73 | 4.554 | 4.537 | 4.570 | VV | 186085 | 2467304 | 5.66%  | 0.162% |
| 74 | 4.576 | 4.570 | 4.599 | VV | 92483  | 1340623 | 3.08%  | 0.088% |
| 75 | 4.611 | 4.599 | 4.621 | VV | 79684  | 852987  | 1.96%  | 0.056% |
| 76 | 4.637 | 4.621 | 4.650 | VV | 182855 | 2039625 | 4.68%  | 0.134% |
| 77 | 4.664 | 4.650 | 4.676 | VV | 129781 | 1633549 | 3.75%  | 0.107% |
| 78 | 4.685 | 4.676 | 4.698 | VV | 121935 | 1327810 | 3.05%  | 0.087% |
| 79 | 4.728 | 4.698 | 4.745 | VV | 175391 | 2931594 | 6.73%  | 0.193% |
| 80 | 4.763 | 4.745 | 4.791 | VV | 248769 | 3920906 | 9.00%  | 0.258% |
| 81 | 4.802 | 4.791 | 4.808 | VV | 73651  | 705860  | 1.62%  | 0.046% |
| 82 | 4.828 | 4.808 | 4.857 | VV | 379836 | 5081151 | 11.66% | 0.334% |
| 83 | 4.877 | 4.857 | 4.892 | VV | 115081 | 1850685 | 4.25%  | 0.122% |
| 84 | 4.917 | 4.892 | 4.934 | VV | 101436 | 1890916 | 4.34%  | 0.124% |
| 85 | 4.982 | 4.934 | 4.996 | VV | 148938 | 2979300 | 6.84%  | 0.196% |
| 86 | 5.001 | 4.996 | 5.026 | VV | 98127  | 1235469 | 2.84%  | 0.081% |
| 87 | 5.048 | 5.026 | 5.059 | VV | 145453 | 1858924 | 4.27%  | 0.122% |
| 88 | 5.073 | 5.059 | 5.086 | VV | 256015 | 2871259 | 6.59%  | 0.189% |
| 89 | 5.096 | 5.086 | 5.115 | VV | 163897 | 2567267 | 5.89%  | 0.169% |

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|     |       |       |       |    |        |          |        |        |
|-----|-------|-------|-------|----|--------|----------|--------|--------|
| 90  | 5.121 | 5.115 | 5.137 | VV | 131520 | 1310170  | 3.01%  | 0.086% |
| 91  | 5.153 | 5.137 | 5.175 | VV | 120951 | 2137646  |        |        |
| 92  | 5.195 | 5.175 | 5.210 | VV | 202750 | 2971471  |        |        |
| 93  | 5.214 | 5.210 | 5.224 | VV | 136584 | 1173126  |        |        |
| 94  | 5.232 | 5.224 | 5.241 | VV | 131077 | 1232278  |        |        |
| 95  | 5.255 | 5.241 | 5.269 | VV | 185058 | 2409570  |        |        |
| 96  | 5.284 | 5.269 | 5.298 | VV | 259808 | 3148680  | 7.23%  | 0.207% |
| 97  | 5.316 | 5.298 | 5.362 | VV | 237722 | 6078584  | 13.95% | 0.400% |
| 98  | 5.376 | 5.362 | 5.384 | VV | 130785 | 1529821  | 3.51%  | 0.101% |
| 99  | 5.399 | 5.384 | 5.404 | VV | 239806 | 2282293  | 5.24%  | 0.150% |
| 100 | 5.420 | 5.404 | 5.443 | VV | 463256 | 5964640  | 13.69% | 0.392% |
| 101 | 5.463 | 5.443 | 5.477 | VV | 199062 | 3056838  | 7.02%  | 0.201% |
| 102 | 5.482 | 5.477 | 5.500 | VV | 138634 | 1570389  | 3.60%  | 0.103% |
| 103 | 5.517 | 5.500 | 5.535 | VV | 152408 | 2699817  | 6.20%  | 0.177% |
| 104 | 5.545 | 5.535 | 5.556 | VV | 134076 | 1649291  | 3.79%  | 0.108% |
| 105 | 5.577 | 5.556 | 5.599 | VV | 555918 | 7608197  | 17.46% | 0.500% |
| 106 | 5.609 | 5.599 | 5.619 | VV | 177180 | 1903790  | 4.37%  | 0.125% |
| 107 | 5.627 | 5.619 | 5.641 | VV | 153312 | 1896674  | 4.35%  | 0.125% |
| 108 | 5.654 | 5.641 | 5.663 | VV | 152083 | 1847917  | 4.24%  | 0.121% |
| 109 | 5.691 | 5.663 | 5.723 | VV | 356598 | 8053486  | 18.48% | 0.529% |
| 110 | 5.744 | 5.723 | 5.756 | VV | 195321 | 3153646  | 7.24%  | 0.207% |
| 111 | 5.764 | 5.756 | 5.774 | VV | 160093 | 1610263  | 3.70%  | 0.106% |
| 112 | 5.804 | 5.774 | 5.828 | VV | 246126 | 5600189  | 12.85% | 0.368% |
| 113 | 5.851 | 5.828 | 5.873 | VV | 264066 | 4433544  | 10.18% | 0.291% |
| 114 | 5.903 | 5.873 | 5.921 | VV | 291202 | 6194079  | 14.22% | 0.407% |
| 115 | 5.929 | 5.921 | 5.941 | VV | 185101 | 2004567  | 4.60%  | 0.132% |
| 116 | 5.949 | 5.941 | 5.959 | VV | 166182 | 1730723  | 3.97%  | 0.114% |
| 117 | 5.973 | 5.959 | 5.982 | VV | 211533 | 2673524  | 6.14%  | 0.176% |
| 118 | 5.992 | 5.982 | 6.008 | VV | 218056 | 2992536  | 6.87%  | 0.197% |
| 119 | 6.022 | 6.008 | 6.026 | VV | 162676 | 1609517  | 3.69%  | 0.106% |
| 120 | 6.046 | 6.026 | 6.061 | VV | 270826 | 4415818  | 10.13% | 0.290% |
| 121 | 6.078 | 6.061 | 6.102 | VV | 295719 | 5497409  | 12.62% | 0.361% |
| 122 | 6.130 | 6.102 | 6.148 | VV | 333176 | 7020444  | 16.11% | 0.461% |
| 123 | 6.160 | 6.148 | 6.167 | VV | 223946 | 2387010  | 5.48%  | 0.157% |
| 124 | 6.186 | 6.167 | 6.204 | VV | 347010 | 6166845  | 14.15% | 0.405% |
| 125 | 6.214 | 6.204 | 6.234 | VV | 277535 | 4293936  | 9.85%  | 0.282% |
| 126 | 6.258 | 6.234 | 6.276 | VV | 385937 | 6929752  | 15.90% | 0.456% |
| 127 | 6.310 | 6.276 | 6.324 | VV | 418098 | 8568265  | 19.66% | 0.563% |
| 128 | 6.330 | 6.324 | 6.345 | VV | 305681 | 3576293  | 8.21%  | 0.235% |
| 129 | 6.356 | 6.345 | 6.379 | VV | 244427 | 4210249  | 9.66%  | 0.277% |
| 130 | 6.396 | 6.379 | 6.425 | VV | 316221 | 6477984  | 14.87% | 0.426% |
| 131 | 6.440 | 6.425 | 6.444 | VV | 208191 | 2203116  | 5.06%  | 0.145% |
| 132 | 6.466 | 6.444 | 6.483 | VV | 291474 | 5565478  | 12.77% | 0.366% |
| 133 | 6.510 | 6.483 | 6.514 | VV | 260469 | 4299340  | 9.87%  | 0.283% |
| 134 | 6.528 | 6.514 | 6.540 | VV | 313153 | 4509335  | 10.35% | 0.296% |
| 135 | 6.569 | 6.540 | 6.590 | VV | 466734 | 9560344  | 21.94% | 0.628% |
| 136 | 6.600 | 6.590 | 6.607 | VV | 200441 | 1963304  | 4.51%  | 0.129% |
| 137 | 6.651 | 6.607 | 6.675 | VV | 347376 | 10830375 | 24.86% | 0.712% |
| 138 | 6.708 | 6.675 | 6.728 | VV | 346708 | 8907174  | 20.44% | 0.585% |
| 139 | 6.737 | 6.728 | 6.741 | VV | 207987 | 1636137  | 3.75%  | 0.108% |
| 140 | 6.772 | 6.741 | 6.795 | VV | 336465 | 8583909  | 19.70% | 0.564% |
| 141 | 6.838 | 6.795 | 6.859 | VV | 319092 | 9259216  | 21.25% | 0.609% |

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|     |       |       |       |       |        |          |        |        |
|-----|-------|-------|-------|-------|--------|----------|--------|--------|
|     |       |       |       |       |        |          |        |        |
|     |       |       |       | rters |        |          |        |        |
| 142 | 6.880 | 6.859 | 6.890 | VV    | 331771 | 5219632  | 11.98% | 0.343% |
| 143 | 6.901 | 6.890 | 6.918 | VV    | 367447 | 5356402  | 12.00% | 0.343% |
| 144 | 6.938 | 6.918 | 6.967 | VV    | 394415 | 8849967  | 20.00% | 0.343% |
| 145 | 6.991 | 6.967 | 7.038 | VV    | 353260 | 11799508 | 27.00% | 0.343% |
|     |       |       |       |       |        |          |        |        |
| 146 | 7.047 | 7.038 | 7.061 | VV    | 237345 | 3048431  | 7.00%  | 0.487% |
| 147 | 7.083 | 7.061 | 7.122 | VV    | 564808 | 14072432 | 32.00% | 0.487% |
| 148 | 7.138 | 7.122 | 7.162 | VV    | 378609 | 7401738  | 16.99% | 0.487% |
| 149 | 7.183 | 7.162 | 7.199 | VV    | 425593 | 7148468  | 16.41% | 0.470% |
| 150 | 7.209 | 7.199 | 7.219 | VV    | 270359 | 3079993  | 7.07%  | 0.202% |
|     |       |       |       |       |        |          |        |        |
| 151 | 7.227 | 7.219 | 7.242 | VV    | 264129 | 3472311  | 7.97%  | 0.228% |
| 152 | 7.284 | 7.242 | 7.298 | VV    | 415719 | 10866336 | 24.94% | 0.714% |
| 153 | 7.309 | 7.298 | 7.329 | VV    | 313424 | 5282850  | 12.12% | 0.347% |
| 154 | 7.349 | 7.329 | 7.370 | VV    | 349283 | 7435421  | 17.06% | 0.489% |
| 155 | 7.373 | 7.370 | 7.382 | VV    | 290316 | 2131357  | 4.89%  | 0.140% |
|     |       |       |       |       |        |          |        |        |
| 156 | 7.391 | 7.382 | 7.423 | VV    | 294338 | 6663532  | 15.29% | 0.438% |
| 157 | 7.437 | 7.423 | 7.450 | VV    | 276355 | 4134671  | 9.49%  | 0.272% |
| 158 | 7.479 | 7.450 | 7.508 | VV    | 444551 | 12019835 | 27.59% | 0.790% |
| 159 | 7.525 | 7.508 | 7.545 | VV    | 317642 | 5733884  | 13.16% | 0.377% |
| 160 | 7.564 | 7.545 | 7.579 | VV    | 265184 | 4751164  | 10.90% | 0.312% |
|     |       |       |       |       |        |          |        |        |
| 161 | 7.595 | 7.579 | 7.602 | VV    | 285641 | 3732616  | 8.57%  | 0.245% |
| 162 | 7.615 | 7.602 | 7.622 | VV    | 324554 | 3697342  | 8.49%  | 0.243% |
| 163 | 7.640 | 7.622 | 7.674 | VV    | 405302 | 9516345  | 21.84% | 0.626% |
| 164 | 7.684 | 7.674 | 7.701 | VV    | 250452 | 3815816  | 8.76%  | 0.251% |
| 165 | 7.731 | 7.701 | 7.751 | VV    | 310038 | 7631169  | 17.51% | 0.502% |
|     |       |       |       |       |        |          |        |        |
| 166 | 7.767 | 7.751 | 7.790 | VV    | 286160 | 6056313  | 13.90% | 0.398% |
| 167 | 7.803 | 7.790 | 7.834 | VV    | 308443 | 7044662  | 16.17% | 0.463% |
| 168 | 7.874 | 7.834 | 7.891 | VV    | 316289 | 9862031  | 22.63% | 0.648% |
| 169 | 7.909 | 7.891 | 7.950 | VV    | 354844 | 10209601 | 23.43% | 0.671% |
| 170 | 7.996 | 7.950 | 8.026 | VV    | 464017 | 13513372 | 31.01% | 0.888% |
|     |       |       |       |       |        |          |        |        |
| 171 | 8.046 | 8.026 | 8.066 | VV    | 288128 | 6303567  | 14.47% | 0.414% |
| 172 | 8.084 | 8.066 | 8.108 | VV    | 343579 | 7180575  | 16.48% | 0.472% |
| 173 | 8.124 | 8.108 | 8.137 | VV    | 268589 | 4458813  | 10.23% | 0.293% |
| 174 | 8.158 | 8.137 | 8.178 | VV    | 298178 | 6792818  | 15.59% | 0.447% |
| 175 | 8.188 | 8.178 | 8.198 | VV    | 285149 | 3319080  | 7.62%  | 0.218% |
|     |       |       |       |       |        |          |        |        |
| 176 | 8.216 | 8.198 | 8.235 | VV    | 314499 | 6143856  | 14.10% | 0.404% |
| 177 | 8.251 | 8.235 | 8.258 | VV    | 256931 | 3365640  | 7.72%  | 0.221% |
| 178 | 8.271 | 8.258 | 8.309 | VV    | 294469 | 7820830  | 17.95% | 0.514% |
| 179 | 8.334 | 8.309 | 8.350 | VV    | 378797 | 7252194  | 16.64% | 0.477% |
| 180 | 8.360 | 8.350 | 8.374 | VV    | 264771 | 3528166  | 8.10%  | 0.232% |
|     |       |       |       |       |        |          |        |        |
| 181 | 8.390 | 8.374 | 8.408 | VV    | 304577 | 5416641  | 12.43% | 0.356% |
| 182 | 8.418 | 8.408 | 8.433 | VV    | 238659 | 3329479  | 7.64%  | 0.219% |
| 183 | 8.462 | 8.433 | 8.488 | VV    | 263887 | 7620911  | 17.49% | 0.501% |
| 184 | 8.499 | 8.488 | 8.506 | VV    | 193557 | 2125771  | 4.88%  | 0.140% |
| 185 | 8.529 | 8.506 | 8.545 | VV    | 299609 | 5491742  | 12.60% | 0.361% |
|     |       |       |       |       |        |          |        |        |
| 186 | 8.563 | 8.545 | 8.577 | VV    | 258843 | 4484490  | 10.29% | 0.295% |
| 187 | 8.591 | 8.577 | 8.612 | VV    | 234072 | 4306701  | 9.88%  | 0.283% |
| 188 | 8.630 | 8.612 | 8.655 | VV    | 329457 | 6145851  | 14.10% | 0.404% |
| 189 | 8.710 | 8.655 | 8.732 | VV    | 385348 | 12009728 | 27.56% | 0.789% |
| 190 | 8.741 | 8.732 | 8.764 | VV    | 196779 | 3450029  | 7.92%  | 0.227% |
|     |       |       |       |       |        |          |        |        |
| 191 | 8.786 | 8.764 | 8.801 | VV    | 208784 | 4017875  | 9.22%  | 0.264% |
| 192 | 8.823 | 8.801 | 8.843 | VV    | 205569 | 4637412  | 10.64% | 0.305% |
| 193 | 8.856 | 8.843 | 8.871 | VV    | 183926 | 3024327  | 6.94%  | 0.199% |
| 194 | 8.881 | 8.871 | 8.902 | VV    | 168518 | 2915180  | 6.69%  | 0.192% |

Instrument :

FID\_F

ClientSampleId :

GT-05-(11-15)

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/06/2022

Supervised By :mohammad ahmed 05/06/2022

Instrument :

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Supervised By :mohammad ahmed 05/06/2022

|     |        |        |        | rt | Area   | Height  | Area%  | Height% |
|-----|--------|--------|--------|----|--------|---------|--------|---------|
| 195 | 8.928  | 8.902  | 8.949  | VV | 322784 | 6493961 | 14.90% | 0.427%  |
| 196 | 8.963  | 8.949  | 8.994  | VV | 262424 | 5600452 | 12.12% | 0.375%  |
| 197 | 9.020  | 8.994  | 9.055  | VV | 193980 | 6090578 | 13.13% | 0.405%  |
| 198 | 9.076  | 9.055  | 9.099  | VV | 173585 | 3880649 | 8.88%  | 0.275%  |
| 199 | 9.140  | 9.099  | 9.164  | VV | 182911 | 5747575 | 13.13% | 0.405%  |
| 200 | 9.169  | 9.164  | 9.181  | VV | 119484 | 1167955 | 2.22%  | 0.036%  |
| 201 | 9.199  | 9.181  | 9.211  | VV | 156068 | 2583543 | 5.93%  | 0.170%  |
| 202 | 9.219  | 9.211  | 9.241  | VV | 143528 | 2363435 | 5.42%  | 0.155%  |
| 203 | 9.253  | 9.241  | 9.258  | VV | 127749 | 1300513 | 2.98%  | 0.085%  |
| 204 | 9.274  | 9.258  | 9.306  | VV | 164399 | 3861026 | 8.86%  | 0.254%  |
| 205 | 9.319  | 9.306  | 9.332  | VV | 126655 | 1913584 | 4.39%  | 0.126%  |
| 206 | 9.360  | 9.332  | 9.375  | VV | 153967 | 3259704 | 7.48%  | 0.214%  |
| 207 | 9.383  | 9.375  | 9.411  | VV | 121389 | 2349198 | 5.39%  | 0.154%  |
| 208 | 9.437  | 9.411  | 9.468  | VV | 166082 | 4504351 | 10.34% | 0.296%  |
| 209 | 9.478  | 9.468  | 9.492  | VV | 103472 | 1389759 | 3.19%  | 0.091%  |
| 210 | 9.527  | 9.492  | 9.574  | VV | 117968 | 5032941 | 11.55% | 0.331%  |
| 211 | 9.594  | 9.574  | 9.626  | VV | 100168 | 2743968 | 6.30%  | 0.180%  |
| 212 | 9.640  | 9.626  | 9.658  | VV | 80622  | 1497082 | 3.44%  | 0.098%  |
| 213 | 9.680  | 9.658  | 9.700  | VV | 105273 | 2242191 | 5.15%  | 0.147%  |
| 214 | 9.725  | 9.700  | 9.753  | VV | 115885 | 3161283 | 7.26%  | 0.208%  |
| 215 | 9.770  | 9.753  | 9.791  | VV | 105799 | 2066164 | 4.74%  | 0.136%  |
| 216 | 9.800  | 9.791  | 9.817  | VV | 84739  | 1236603 | 2.84%  | 0.081%  |
| 217 | 9.857  | 9.817  | 9.906  | VV | 106848 | 4582168 | 10.52% | 0.301%  |
| 218 | 9.940  | 9.906  | 9.966  | VV | 85632  | 2468810 | 5.67%  | 0.162%  |
| 219 | 9.982  | 9.966  | 9.989  | VV | 68789  | 907307  | 2.08%  | 0.060%  |
| 220 | 10.008 | 9.989  | 10.021 | VV | 79108  | 1385891 | 3.18%  | 0.091%  |
| 221 | 10.041 | 10.021 | 10.060 | VV | 86312  | 1783762 | 4.09%  | 0.117%  |
| 222 | 10.081 | 10.060 | 10.131 | VV | 149732 | 3739311 | 8.58%  | 0.246%  |
| 223 | 10.157 | 10.131 | 10.173 | VV | 89761  | 1939416 | 4.45%  | 0.127%  |
| 224 | 10.189 | 10.173 | 10.203 | VV | 111981 | 1655067 | 3.80%  | 0.109%  |
| 225 | 10.216 | 10.203 | 10.226 | VV | 90353  | 1155323 | 2.65%  | 0.076%  |
| 226 | 10.236 | 10.226 | 10.266 | VV | 90393  | 1790295 | 4.11%  | 0.118%  |
| 227 | 10.280 | 10.266 | 10.293 | VV | 65502  | 1017046 | 2.33%  | 0.067%  |
| 228 | 10.305 | 10.293 | 10.319 | VV | 68456  | 977742  | 2.24%  | 0.064%  |
| 229 | 10.343 | 10.319 | 10.364 | VV | 179253 | 2909561 | 6.68%  | 0.191%  |
| 230 | 10.384 | 10.364 | 10.391 | VV | 76180  | 1116668 | 2.56%  | 0.073%  |
| 231 | 10.396 | 10.391 | 10.417 | VV | 75200  | 1099672 | 2.52%  | 0.072%  |
| 232 | 10.441 | 10.417 | 10.471 | VV | 117976 | 2749621 | 6.31%  | 0.181%  |
| 233 | 10.497 | 10.471 | 10.537 | VV | 86236  | 2990296 | 6.86%  | 0.197%  |
| 234 | 10.579 | 10.537 | 10.626 | VV | 293656 | 6916545 | 15.87% | 0.455%  |
| 235 | 10.646 | 10.626 | 10.664 | VV | 154709 | 2433831 | 5.59%  | 0.160%  |
| 236 | 10.676 | 10.664 | 10.698 | VV | 95016  | 1694233 | 3.89%  | 0.111%  |
| 237 | 10.714 | 10.698 | 10.737 | VV | 90252  | 1846710 | 4.24%  | 0.121%  |
| 238 | 10.742 | 10.737 | 10.749 | VV | 72431  | 501797  | 1.15%  | 0.033%  |
| 239 | 10.772 | 10.749 | 10.792 | VV | 157811 | 3042855 | 6.98%  | 0.200%  |
| 240 | 10.815 | 10.792 | 10.860 | VV | 490399 | 9617392 | 22.07% | 0.632%  |
| 241 | 10.877 | 10.860 | 10.895 | VV | 92999  | 1670613 | 3.83%  | 0.110%  |
| 242 | 10.923 | 10.895 | 10.937 | VV | 89064  | 1928447 | 4.43%  | 0.127%  |
| 243 | 10.956 | 10.937 | 10.977 | VV | 131870 | 2366269 | 5.43%  | 0.156%  |
| 244 | 11.019 | 10.977 | 11.032 | VV | 104440 | 2993766 | 6.87%  | 0.197%  |
| 245 | 11.051 | 11.032 | 11.083 | VV | 189631 | 4134911 | 9.49%  | 0.272%  |
| 246 | 11.112 | 11.083 | 11.118 | VV | 128501 | 2377451 | 5.46%  | 0.156%  |

|     |        |        |        |       |         |          |         |        |
|-----|--------|--------|--------|-------|---------|----------|---------|--------|
|     |        |        |        |       |         |          |         |        |
|     |        |        |        | rters |         |          |         |        |
| 247 | 11.133 | 11.118 | 11.141 | VV    | 140716  | 1817239  | 4.17%   | 0.119% |
| 248 | 11.158 | 11.141 | 11.175 | VV    | 205303  | 3304256  |         |        |
| 249 | 11.202 | 11.175 | 11.223 | VV    | 204095  | 4796523  | 11.72%  | 0.119% |
| 250 | 11.239 | 11.223 | 11.254 | VV    | 175668  | 2993652  | 6.19%   | 0.177% |
|     |        |        |        |       |         |          |         |        |
| 251 | 11.302 | 11.254 | 11.315 | VV    | 282374  | 8159239  | 18.62%  | 0.533% |
| 252 | 11.320 | 11.315 | 11.339 | VV    | 259517  | 3213173  | 8.36%   | 0.239% |
| 253 | 11.348 | 11.339 | 11.358 | VV    | 207384  | 2332964  | 22.88%  | 0.655% |
| 254 | 11.365 | 11.358 | 11.381 | VV    | 202670  | 2549613  | 39.44%  | 1.130% |
| 255 | 11.397 | 11.381 | 11.405 | VV    | 193438  | 2696666  | 38.98%  | 1.116% |
|     |        |        |        |       |         |          |         |        |
| 256 | 11.427 | 11.405 | 11.461 | VV    | 285634  | 8112423  | 72.29%  | 2.071% |
| 257 | 11.472 | 11.461 | 11.491 | VV    | 222859  | 3643547  | 10.97%  | 0.314% |
| 258 | 11.517 | 11.491 | 11.545 | VV    | 383330  | 9970835  | 9.34%   | 0.268% |
| 259 | 11.572 | 11.545 | 11.592 | VV    | 1039897 | 17186752 | 11.20%  | 0.321% |
| 260 | 11.620 | 11.592 | 11.638 | VV    | 909851  | 16983360 | 31.01%  | 0.888% |
|     |        |        |        |       |         |          |         |        |
| 261 | 11.665 | 11.638 | 11.711 | VV    | 1681541 | 31500469 | 54.06%  | 1.548% |
| 262 | 11.723 | 11.711 | 11.736 | VV    | 344176  | 4780887  | 22.77%  | 0.652% |
| 263 | 11.749 | 11.736 | 11.759 | VV    | 307656  | 4071578  | 100.00% | 2.864% |
| 264 | 11.768 | 11.759 | 11.786 | VV    | 310301  | 4881068  | 48.15%  | 1.379% |
| 265 | 11.817 | 11.786 | 11.848 | VV    | 463375  | 13510646 | 31.83%  | 0.912% |
|     |        |        |        |       |         |          |         |        |
| 266 | 11.879 | 11.848 | 11.915 | VV    | 1156574 | 23557261 | 68.05%  | 1.949% |
| 267 | 11.937 | 11.915 | 11.955 | VV    | 540672  | 9920906  | 34.39%  | 0.985% |
| 268 | 11.996 | 11.955 | 12.018 | VV    | 2438514 | 43572438 | 37.51%  | 1.074% |
| 269 | 12.061 | 12.018 | 12.087 | VV    | 665344  | 20981365 | 85.86%  | 2.459% |
| 270 | 12.107 | 12.087 | 12.124 | VV    | 779980  | 13869986 | 70.32%  | 2.014% |
|     |        |        |        |       |         |          |         |        |
| 271 | 12.168 | 12.124 | 12.182 | VV    | 1145907 | 29650014 | 29.76%  | 0.852% |
| 272 | 12.191 | 12.182 | 12.212 | VV    | 1052506 | 14982811 | 11.94%  | 0.342% |
| 273 | 12.233 | 12.212 | 12.244 | VV    | 1045187 | 16345410 | 47.30%  | 1.355% |
| 274 | 12.270 | 12.244 | 12.284 | VV    | 2401517 | 37413099 | 50.17%  | 1.437% |
| 275 | 12.305 | 12.284 | 12.326 | VV    | 1801972 | 30638634 | 16.29%  | 0.467% |
|     |        |        |        |       |         |          |         |        |
| 276 | 12.343 | 12.326 | 12.359 | VV    | 771176  | 12965001 | 7.79%   | 0.223% |
| 277 | 12.367 | 12.359 | 12.375 | VV    | 572221  | 5200572  | 99.05%  | 2.837% |
| 278 | 12.396 | 12.375 | 12.434 | VV    | 1123248 | 20611489 | 8.06%   | 0.231% |
| 279 | 12.472 | 12.434 | 12.512 | VV    | 845504  | 21860130 | 20.28%  | 0.581% |
| 280 | 12.524 | 12.512 | 12.558 | VV    | 314954  | 7099737  | 18.36%  | 0.526% |
|     |        |        |        |       |         |          |         |        |
| 281 | 12.571 | 12.558 | 12.584 | VV    | 229871  | 3395600  | 31.47%  | 0.901% |
| 282 | 12.632 | 12.584 | 12.652 | VV    | 2075349 | 43159249 | 6.62%   | 0.190% |
| 283 | 12.660 | 12.652 | 12.677 | VV    | 247210  | 3512743  | 5.97%   | 0.171% |
| 284 | 12.696 | 12.677 | 12.726 | VV    | 387501  | 8834946  | 4.57%   | 0.131% |
| 285 | 12.743 | 12.726 | 12.770 | VV    | 375200  | 8001547  | 18.91%  | 0.542% |
|     |        |        |        |       |         |          |         |        |
| 286 | 12.795 | 12.770 | 12.817 | VV    | 934484  | 13713205 | 17.33%  | 0.496% |
| 287 | 12.827 | 12.817 | 12.846 | VV    | 184355  | 2885292  | 14.41%  | 0.413% |
| 288 | 12.860 | 12.846 | 12.877 | VV    | 153785  | 2599980  | 8.98%   | 0.257% |
| 289 | 12.894 | 12.877 | 12.900 | VV    | 153644  | 1991945  | 8.26%   | 0.237% |
| 290 | 12.926 | 12.900 | 12.943 | VV    | 522040  | 8238502  | 8.84%   | 0.253% |
|     |        |        |        |       |         |          |         |        |
| 291 | 12.957 | 12.943 | 13.001 | VV    | 362030  | 7551105  | 17.51%  | 0.502% |
| 292 | 13.028 | 13.001 | 13.051 | VV    | 348535  | 6278624  | 5.28%   | 0.151% |
| 293 | 13.076 | 13.051 | 13.096 | VV    | 169525  | 3912212  | 6.65%   | 0.190% |
| 294 | 13.119 | 13.096 | 13.129 | VV    | 210914  | 3598816  | 6.19%   | 0.177% |
| 295 | 13.141 | 13.129 | 13.166 | VV    | 216346  | 3851237  |         |        |
|     |        |        |        |       |         |          |         |        |
| 296 | 13.206 | 13.166 | 13.233 | VV    | 265626  | 7629542  |         |        |
| 297 | 13.245 | 13.233 | 13.259 | VV    | 152080  | 2299986  |         |        |
| 298 | 13.275 | 13.259 | 13.293 | VV    | 158515  | 2896170  |         |        |
| 299 | 13.309 | 13.293 | 13.326 | VV    | 160529  | 2698845  |         |        |

Instrument :

FID\_F

ClientSampleId :

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/06/2022

Supervised By :mohammad ahmed 05/06/2022

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|     |        |        |        |    |         |          |        |        |
|-----|--------|--------|--------|----|---------|----------|--------|--------|
| 300 | 13.367 | 13.326 | 13.390 | VV | 1346673 | 22298425 | 51.18% | 1.466% |
| 301 | 13.413 | 13.390 | 13.434 | VV | 188700  | 4028496  |        |        |
| 302 | 13.469 | 13.434 | 13.511 | VV | 265227  | 7483889  | 17.50% | 0.000% |
| 303 | 13.547 | 13.511 | 13.564 | VV | 160785  | 4089472  | 9.00%  | 0.000% |
| 304 | 13.588 | 13.564 | 13.626 | VV | 403275  | 7000652  | 16.00% | 0.000% |
| 305 | 13.657 | 13.626 | 13.681 | VV | 125640  | 3398083  | 7.00%  | 0.000% |
| 306 | 13.704 | 13.681 | 13.740 | VV | 140522  | 3791791  | 8.70%  | 0.249% |
| 307 | 13.758 | 13.740 | 13.770 | VV | 95717   | 1619994  | 3.72%  | 0.106% |
| 308 | 13.780 | 13.770 | 13.804 | VV | 95182   | 1753048  | 4.02%  | 0.115% |
| 309 | 13.820 | 13.804 | 13.840 | VV | 89008   | 1601578  | 3.68%  | 0.105% |
| 310 | 13.859 | 13.840 | 13.881 | VV | 72194   | 1595925  | 3.66%  | 0.105% |
| 311 | 13.895 | 13.881 | 13.913 | VV | 74944   | 1266794  | 2.91%  | 0.083% |
| 312 | 13.954 | 13.913 | 13.997 | VV | 100118  | 3575715  | 8.21%  | 0.235% |
| 313 | 14.030 | 13.997 | 14.059 | VV | 84443   | 2337632  | 5.36%  | 0.154% |
| 314 | 14.076 | 14.059 | 14.089 | VV | 61594   | 1023515  | 2.35%  | 0.067% |
| 315 | 14.104 | 14.089 | 14.114 | VV | 60476   | 872529   | 2.00%  | 0.057% |
| 316 | 14.122 | 14.114 | 14.151 | VV | 60216   | 1204238  | 2.76%  | 0.079% |
| 317 | 14.173 | 14.151 | 14.189 | VV | 99872   | 1691350  | 3.88%  | 0.111% |
| 318 | 14.199 | 14.189 | 14.211 | VV | 71077   | 841645   | 1.93%  | 0.055% |
| 319 | 14.227 | 14.211 | 14.256 | VV | 88909   | 1803190  | 4.14%  | 0.119% |
| 320 | 14.267 | 14.256 | 14.287 | VV | 51979   | 919703   | 2.11%  | 0.060% |
| 321 | 14.310 | 14.287 | 14.359 | VV | 90541   | 2582919  | 5.93%  | 0.170% |
| 322 | 14.365 | 14.359 | 14.388 | VV | 37410   | 578866   | 1.33%  | 0.038% |
| 323 | 14.406 | 14.388 | 14.431 | VV | 35472   | 833404   | 1.91%  | 0.055% |
| 324 | 14.452 | 14.431 | 14.472 | VV | 64679   | 1176773  | 2.70%  | 0.077% |
| 325 | 14.493 | 14.472 | 14.527 | VV | 66759   | 1611539  | 3.70%  | 0.106% |
| 326 | 14.535 | 14.527 | 14.555 | VV | 35552   | 554656   | 1.27%  | 0.036% |
| 327 | 14.585 | 14.555 | 14.593 | VV | 57124   | 972821   | 2.23%  | 0.064% |
| 328 | 14.613 | 14.593 | 14.677 | VV | 122476  | 2696278  | 6.19%  | 0.177% |
| 329 | 14.709 | 14.677 | 14.715 | VV | 31831   | 594228   | 1.36%  | 0.039% |
| 330 | 14.736 | 14.715 | 14.768 | VV | 61553   | 1302335  | 2.99%  | 0.086% |
| 331 | 14.791 | 14.768 | 14.835 | VV | 25805   | 913882   | 2.10%  | 0.060% |
| 332 | 14.844 | 14.835 | 14.852 | VV | 17701   | 183844   | 0.42%  | 0.012% |
| 333 | 14.862 | 14.852 | 14.879 | VV | 17048   | 253625   | 0.58%  | 0.017% |
| 334 | 14.912 | 14.879 | 14.937 | VV | 21349   | 638075   | 1.46%  | 0.042% |
| 335 | 14.972 | 14.937 | 15.018 | VV | 25354   | 967143   | 2.22%  | 0.064% |
| 336 | 15.026 | 15.018 | 15.047 | VV | 13609   | 216383   | 0.50%  | 0.014% |
| 337 | 15.074 | 15.047 | 15.115 | VV | 15010   | 485421   | 1.11%  | 0.032% |
| 338 | 15.140 | 15.115 | 15.161 | VV | 14149   | 304268   | 0.70%  | 0.020% |
| 339 | 15.194 | 15.161 | 15.236 | VV | 49940   | 1069978  | 2.46%  | 0.070% |
| 340 | 15.252 | 15.236 | 15.280 | VV | 13635   | 318189   | 0.73%  | 0.021% |
| 341 | 15.288 | 15.280 | 15.304 | VV | 11905   | 146414   | 0.34%  | 0.010% |
| 342 | 15.331 | 15.304 | 15.348 | VV | 11053   | 258730   | 0.59%  | 0.017% |
| 343 | 15.357 | 15.348 | 15.386 | VV | 11620   | 210812   | 0.48%  | 0.014% |
| 344 | 15.389 | 15.386 | 15.394 | VV | 7159    | 34877    | 0.08%  | 0.002% |
| 345 | 15.409 | 15.394 | 15.442 | VV | 7861    | 181929   | 0.42%  | 0.012% |
| 346 | 15.470 | 15.442 | 15.488 | VV | 4862    | 116597   | 0.27%  | 0.008% |
| 347 | 15.498 | 15.488 | 15.522 | VV | 4178    | 70718    | 0.16%  | 0.005% |
| 348 | 15.546 | 15.522 | 15.587 | VV | 20328   | 369860   | 0.85%  | 0.024% |
| 349 | 15.600 | 15.587 | 15.617 | VV | 4039    | 62071    | 0.14%  | 0.004% |
| 350 | 15.623 | 15.617 | 15.632 | VV | 3091    | 24226    | 0.06%  | 0.002% |
| 351 | 15.646 | 15.632 | 15.664 | VV | 3107    | 44503    | 0.10%  | 0.003% |

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/06/2022

Supervised By :mohammad ahmed 05/06/2022

| rteres |        |        |        |    |       |        |       |        |  |
|--------|--------|--------|--------|----|-------|--------|-------|--------|--|
| 352    | 15.679 | 15.664 | 15.691 | VV | 2267  | 28137  | 0.06% | 0.002% |  |
| 353    | 15.710 | 15.691 | 15.755 | VV | 3837  | 75984  |       |        |  |
| 354    | 15.786 | 15.755 | 15.802 | VV | 1840  | 27208  |       |        |  |
| 355    | 15.835 | 15.802 | 15.886 | VV | 5728  | 124013 |       |        |  |
| 356    | 15.896 | 15.886 | 15.912 | VV | 2388  | 28955  |       |        |  |
| 357    | 15.957 | 15.912 | 15.989 | VV | 9437  | 196930 |       |        |  |
| 358    | 16.043 | 15.989 | 16.069 | VV | 4162  | 112097 | 0.26% | 0.007% |  |
| 359    | 16.078 | 16.069 | 16.097 | VV | 1675  | 23648  | 0.05% | 0.002% |  |
| 360    | 16.124 | 16.097 | 16.149 | VV | 3154  | 57875  | 0.13% | 0.004% |  |
| 361    | 16.156 | 16.149 | 16.160 | VV | 963   | 5068   | 0.01% | 0.000% |  |
| 362    | 16.205 | 16.160 | 16.262 | VV | 25867 | 467779 | 1.07% | 0.031% |  |
| 363    | 16.273 | 16.262 | 16.279 | VV | 1096  | 9266   | 0.02% | 0.001% |  |
| 364    | 16.311 | 16.279 | 16.342 | VV | 5544  | 95764  | 0.22% | 0.006% |  |
| 365    | 16.358 | 16.342 | 16.369 | PV | 817   | 8413   | 0.02% | 0.001% |  |
| 366    | 16.391 | 16.369 | 16.419 | VV | 3325  | 47173  | 0.11% | 0.003% |  |
| 367    | 16.445 | 16.419 | 16.474 | VV | 7483  | 114956 | 0.26% | 0.008% |  |
| 368    | 16.482 | 16.474 | 16.496 | VV | 1267  | 12747  | 0.03% | 0.001% |  |
| 369    | 16.526 | 16.496 | 16.551 | VV | 9943  | 151927 | 0.35% | 0.010% |  |
| 370    | 16.575 | 16.551 | 16.591 | VV | 3724  | 65805  | 0.15% | 0.004% |  |
| 371    | 16.596 | 16.591 | 16.601 | VV | 2528  | 14289  | 0.03% | 0.001% |  |
| 372    | 16.626 | 16.601 | 16.632 | VV | 3669  | 53693  | 0.12% | 0.004% |  |
| 373    | 16.634 | 16.632 | 16.656 | VV | 3021  | 32767  | 0.08% | 0.002% |  |
| 374    | 16.661 | 16.656 | 16.669 | VV | 1946  | 14116  | 0.03% | 0.001% |  |
| 375    | 16.692 | 16.669 | 16.722 | VV | 3472  | 81042  | 0.19% | 0.005% |  |
| 376    | 16.782 | 16.722 | 16.805 | VV | 5522  | 152602 | 0.35% | 0.010% |  |
| 377    | 16.810 | 16.805 | 16.815 | VV | 2342  | 13662  | 0.03% | 0.001% |  |
| 378    | 16.834 | 16.815 | 16.886 | VV | 3872  | 89207  | 0.20% | 0.006% |  |
| 379    | 16.910 | 16.886 | 16.930 | VV | 1597  | 24264  | 0.06% | 0.002% |  |
| 380    | 16.955 | 16.930 | 16.965 | PV | 1322  | 17707  | 0.04% | 0.001% |  |
| 381    | 17.001 | 16.965 | 17.009 | VV | 1519  | 23882  | 0.05% | 0.002% |  |
| 382    | 17.012 | 17.009 | 17.027 | VV | 1317  | 7328   | 0.02% | 0.000% |  |
| 383    | 17.085 | 17.027 | 17.104 | VV | 2061  | 66536  | 0.15% | 0.004% |  |
| 384    | 17.108 | 17.104 | 17.114 | VV | 1156  | 5623   | 0.01% | 0.000% |  |
| 385    | 17.149 | 17.114 | 17.196 | VV | 10439 | 236386 | 0.54% | 0.016% |  |
| 386    | 17.234 | 17.196 | 17.279 | VV | 6498  | 206401 | 0.47% | 0.014% |  |
| 387    | 17.326 | 17.279 | 17.330 | VV | 3302  | 85676  | 0.20% | 0.006% |  |
| 388    | 17.359 | 17.330 | 17.372 | VV | 4390  | 94762  | 0.22% | 0.006% |  |
| 389    | 17.380 | 17.372 | 17.386 | VV | 3569  | 28122  | 0.06% | 0.002% |  |
| 390    | 17.390 | 17.386 | 17.396 | VV | 3111  | 17086  | 0.04% | 0.001% |  |
| 391    | 17.407 | 17.396 | 17.428 | VV | 3630  | 50650  | 0.12% | 0.003% |  |
| 392    | 17.454 | 17.428 | 17.470 | VV | 2733  | 52886  | 0.12% | 0.003% |  |
| 393    | 17.483 | 17.470 | 17.488 | VV | 1732  | 14242  | 0.03% | 0.001% |  |
| 394    | 17.491 | 17.488 | 17.501 | VV | 1279  | 8112   | 0.02% | 0.001% |  |
| 395    | 17.510 | 17.501 | 17.521 | VV | 1656  | 14519  | 0.03% | 0.001% |  |
| 396    | 17.531 | 17.521 | 17.542 | VV | 1348  | 12682  | 0.03% | 0.001% |  |
| 397    | 17.564 | 17.542 | 17.577 | VV | 621   | 8853   | 0.02% | 0.001% |  |
| 398    | 17.613 | 17.577 | 17.627 | PV | 2082  | 43811  | 0.10% | 0.003% |  |
| 399    | 17.665 | 17.627 | 17.700 | VV | 4398  | 101544 | 0.23% | 0.007% |  |
| 400    | 17.727 | 17.700 | 17.752 | VV | 2567  | 52751  | 0.12% | 0.003% |  |
| 401    | 17.764 | 17.752 | 17.776 | VV | 1979  | 23095  | 0.05% | 0.002% |  |
| 402    | 17.793 | 17.776 | 17.800 | VV | 2506  | 29376  | 0.07% | 0.002% |  |
| 403    | 17.816 | 17.800 | 17.833 | VV | 3979  | 59453  | 0.14% | 0.004% |  |
| 404    | 17.841 | 17.833 | 17.869 | VV | 2746  | 43629  | 0.10% | 0.003% |  |

Instrument :

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ClientSampleId :

GT-05-(11-15)

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/06/2022

Supervised By :mohammad ahmed 05/06/2022

|     |        |        |        |    |       |         |       |        |
|-----|--------|--------|--------|----|-------|---------|-------|--------|
| 405 | 17.895 | 17.869 | 17.903 | VV | 4762  | 67574   | 0.16% | 0.004% |
| 406 | 17.908 | 17.903 | 17.923 | VV | 4013  | 39073   |       |        |
| 407 | 17.930 | 17.923 | 17.939 | VV | 2571  | 19475   |       |        |
| 408 | 17.959 | 17.939 | 17.964 | VV | 3145  | 35523   |       |        |
| 409 | 17.993 | 17.964 | 18.006 | VV | 11119 | 187465  |       |        |
| 410 | 18.028 | 18.006 | 18.067 | VV | 18572 | 428471  |       |        |
| 411 | 18.091 | 18.067 | 18.111 | VV | 9301  | 193196  | 0.44% | 0.013% |
| 412 | 18.118 | 18.111 | 18.127 | VV | 5217  | 46485   | 0.11% | 0.003% |
| 413 | 18.160 | 18.127 | 18.167 | VV | 6903  | 143887  | 0.33% | 0.009% |
| 414 | 18.181 | 18.167 | 18.187 | VV | 7559  | 82808   | 0.19% | 0.005% |
| 415 | 18.192 | 18.187 | 18.201 | VV | 7439  | 59159   | 0.14% | 0.004% |
| 416 | 18.206 | 18.201 | 18.232 | VV | 7387  | 103481  | 0.24% | 0.007% |
| 417 | 18.238 | 18.232 | 18.242 | VV | 3998  | 20095   | 0.05% | 0.001% |
| 418 | 18.275 | 18.242 | 18.295 | VV | 7629  | 172619  | 0.40% | 0.011% |
| 419 | 18.324 | 18.295 | 18.342 | VV | 5145  | 128189  | 0.29% | 0.008% |
| 420 | 18.354 | 18.342 | 18.364 | VV | 3670  | 43226   | 0.10% | 0.003% |
| 421 | 18.378 | 18.364 | 18.387 | VV | 3373  | 41172   | 0.09% | 0.003% |
| 422 | 18.400 | 18.387 | 18.405 | VV | 3680  | 34320   | 0.08% | 0.002% |
| 423 | 18.412 | 18.405 | 18.424 | VV | 4503  | 40040   | 0.09% | 0.003% |
| 424 | 18.446 | 18.424 | 18.458 | VV | 5308  | 89757   | 0.21% | 0.006% |
| 425 | 18.495 | 18.458 | 18.515 | VV | 10474 | 242782  | 0.56% | 0.016% |
| 426 | 18.519 | 18.515 | 18.527 | VV | 8175  | 58179   | 0.13% | 0.004% |
| 427 | 18.534 | 18.527 | 18.553 | VV | 7881  | 101366  | 0.23% | 0.007% |
| 428 | 18.568 | 18.553 | 18.574 | VV | 7303  | 76640   | 0.18% | 0.005% |
| 429 | 18.613 | 18.574 | 18.626 | VV | 14272 | 337638  | 0.77% | 0.022% |
| 430 | 18.637 | 18.626 | 18.643 | VV | 12396 | 115987  | 0.27% | 0.008% |
| 431 | 18.651 | 18.643 | 18.660 | VV | 12534 | 123721  | 0.28% | 0.008% |
| 432 | 18.669 | 18.660 | 18.680 | VV | 11907 | 132662  | 0.30% | 0.009% |
| 433 | 18.691 | 18.680 | 18.706 | VV | 11795 | 170315  | 0.39% | 0.011% |
| 434 | 18.710 | 18.706 | 18.716 | VV | 10534 | 58797   | 0.13% | 0.004% |
| 435 | 18.740 | 18.716 | 18.745 | VV | 11706 | 182229  | 0.42% | 0.012% |
| 436 | 18.757 | 18.745 | 18.762 | VV | 11843 | 109235  | 0.25% | 0.007% |
| 437 | 18.784 | 18.762 | 18.791 | VV | 13383 | 214816  | 0.49% | 0.014% |
| 438 | 18.795 | 18.791 | 18.801 | VV | 11807 | 67616   | 0.16% | 0.004% |
| 439 | 18.855 | 18.801 | 18.881 | VV | 34485 | 975717  | 2.24% | 0.064% |
| 440 | 18.900 | 18.881 | 18.931 | VV | 27065 | 585061  | 1.34% | 0.038% |
| 441 | 18.941 | 18.931 | 18.949 | VV | 11664 | 116087  | 0.27% | 0.008% |
| 442 | 18.983 | 18.949 | 19.007 | VV | 19211 | 535982  | 1.23% | 0.035% |
| 443 | 19.025 | 19.007 | 19.052 | VV | 22627 | 493639  | 1.13% | 0.032% |
| 444 | 19.067 | 19.052 | 19.087 | VV | 16704 | 327987  | 0.75% | 0.022% |
| 445 | 19.093 | 19.087 | 19.095 | VV | 14713 | 67854   | 0.16% | 0.004% |
| 446 | 19.100 | 19.095 | 19.103 | VV | 15139 | 72170   | 0.17% | 0.005% |
| 447 | 19.132 | 19.103 | 19.153 | VV | 26263 | 576949  | 1.32% | 0.038% |
| 448 | 19.185 | 19.153 | 19.212 | VV | 25088 | 684189  | 1.57% | 0.045% |
| 449 | 19.256 | 19.212 | 19.263 | VV | 16837 | 456004  | 1.05% | 0.030% |
| 450 | 19.292 | 19.263 | 19.296 | VV | 22615 | 372457  | 0.85% | 0.024% |
| 451 | 19.304 | 19.296 | 19.314 | VV | 23623 | 250241  | 0.57% | 0.016% |
| 452 | 19.339 | 19.314 | 19.350 | VV | 28592 | 541659  | 1.24% | 0.036% |
| 453 | 19.376 | 19.350 | 19.413 | VV | 32746 | 1034895 | 2.38% | 0.068% |
| 454 | 19.437 | 19.413 | 19.449 | VV | 27634 | 545865  | 1.25% | 0.036% |
| 455 | 19.454 | 19.449 | 19.470 | VV | 24703 | 296585  | 0.68% | 0.019% |
| 456 | 19.479 | 19.470 | 19.506 | VV | 23146 | 442725  | 1.02% | 0.029% |

Instrument :

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GT-05-(11-15)

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/06/2022

Supervised By :mohammad ahmed 05/06/2022

|     |        |        |        |    |       |         |        |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
|     |        |        |        |    |       |         |        |        |
|     |        |        |        |    | rters |         |        |        |
| 457 | 19.511 | 19.506 | 19.517 | VV | 18959 | 122709  | 0.28%  | 0.008% |
| 458 | 19.580 | 19.517 | 19.591 | VV | 26746 | 964407  |        |        |
| 459 | 19.633 | 19.591 | 19.661 | VV | 42776 | 1417609 |        |        |
| 460 | 19.665 | 19.661 | 19.671 | VV | 31226 | 190356  |        |        |
|     |        |        |        |    |       |         |        |        |
| 461 | 19.705 | 19.671 | 19.715 | VV | 33456 | 819935  |        |        |
| 462 | 19.724 | 19.715 | 19.749 | VV | 34256 | 665548  |        |        |
| 463 | 19.754 | 19.749 | 19.763 | VV | 32817 | 265344  | 0.61%  | 0.017% |
| 464 | 19.770 | 19.763 | 19.782 | VV | 32162 | 357336  | 0.82%  | 0.023% |
| 465 | 19.788 | 19.782 | 19.800 | VV | 33306 | 344123  | 0.79%  | 0.023% |
|     |        |        |        |    |       |         |        |        |
| 466 | 19.810 | 19.800 | 19.817 | VV | 32697 | 298795  | 0.69%  | 0.020% |
| 467 | 19.824 | 19.817 | 19.830 | VV | 34898 | 252990  | 0.58%  | 0.017% |
| 468 | 19.833 | 19.830 | 19.851 | VV | 32950 | 397161  | 0.91%  | 0.026% |
| 469 | 19.861 | 19.851 | 19.866 | VV | 32512 | 283947  | 0.65%  | 0.019% |
| 470 | 19.888 | 19.866 | 19.892 | VV | 34883 | 531364  | 1.22%  | 0.035% |
|     |        |        |        |    |       |         |        |        |
| 471 | 19.904 | 19.892 | 19.913 | VV | 35393 | 433060  | 0.99%  | 0.028% |
| 472 | 19.956 | 19.913 | 19.976 | VV | 43656 | 1463884 | 3.36%  | 0.096% |
| 473 | 19.980 | 19.976 | 19.986 | VV | 39787 | 226174  | 0.52%  | 0.015% |
| 474 | 19.998 | 19.986 | 20.003 | VV | 39446 | 393591  | 0.90%  | 0.026% |
| 475 | 20.009 | 20.003 | 20.013 | VV | 39572 | 237548  | 0.55%  | 0.016% |
|     |        |        |        |    |       |         |        |        |
| 476 | 20.034 | 20.013 | 20.041 | VV | 42815 | 676547  | 1.55%  | 0.044% |
| 477 | 20.048 | 20.041 | 20.061 | VV | 42957 | 513174  | 1.18%  | 0.034% |
| 478 | 20.120 | 20.061 | 20.128 | VV | 50890 | 1853573 | 4.25%  | 0.122% |
| 479 | 20.141 | 20.128 | 20.147 | VV | 52641 | 594803  | 1.37%  | 0.039% |
| 480 | 20.156 | 20.147 | 20.164 | VV | 55164 | 540857  | 1.24%  | 0.036% |
|     |        |        |        |    |       |         |        |        |
| 481 | 20.169 | 20.164 | 20.184 | VV | 54534 | 643135  | 1.48%  | 0.042% |
| 482 | 20.190 | 20.184 | 20.201 | VV | 53064 | 523156  | 1.20%  | 0.034% |
| 483 | 20.207 | 20.201 | 20.219 | VV | 49197 | 528211  | 1.21%  | 0.035% |
| 484 | 20.239 | 20.219 | 20.247 | VV | 48770 | 796639  | 1.83%  | 0.052% |
| 485 | 20.256 | 20.247 | 20.260 | VV | 46176 | 354119  | 0.81%  | 0.023% |
|     |        |        |        |    |       |         |        |        |
| 486 | 20.273 | 20.260 | 20.293 | VV | 47972 | 907542  | 2.08%  | 0.060% |
| 487 | 20.362 | 20.293 | 20.369 | VV | 63340 | 2489951 | 5.71%  | 0.164% |
| 488 | 20.380 | 20.369 | 20.387 | VV | 65988 | 715080  | 1.64%  | 0.047% |
| 489 | 20.394 | 20.387 | 20.402 | VV | 64192 | 571664  | 1.31%  | 0.038% |
| 490 | 20.415 | 20.402 | 20.454 | VV | 64663 | 1823010 | 4.18%  | 0.120% |
|     |        |        |        |    |       |         |        |        |
| 491 | 20.460 | 20.454 | 20.491 | VV | 54482 | 1128356 | 2.59%  | 0.074% |
| 492 | 20.497 | 20.491 | 20.515 | VV | 44631 | 620541  | 1.42%  | 0.041% |
| 493 | 20.526 | 20.515 | 20.532 | VV | 43929 | 433393  | 0.99%  | 0.028% |
| 494 | 20.539 | 20.532 | 20.546 | VV | 43148 | 356636  | 0.82%  | 0.023% |
| 495 | 20.632 | 20.546 | 20.639 | VV | 57675 | 2860972 | 6.57%  | 0.188% |
|     |        |        |        |    |       |         |        |        |
| 496 | 20.692 | 20.639 | 20.803 | VV | 64260 | 5111898 | 11.73% | 0.336% |
| 497 | 20.809 | 20.803 | 20.818 | VV | 33874 | 287508  | 0.66%  | 0.019% |
| 498 | 20.934 | 20.818 | 20.939 | VV | 50052 | 3009040 | 6.91%  | 0.198% |
| 499 | 20.944 | 20.939 | 20.972 | VV | 50858 | 963966  | 2.21%  | 0.063% |
| 500 | 20.986 | 20.972 | 20.996 | VV | 49421 | 662379  | 1.52%  | 0.044% |
|     |        |        |        |    |       |         |        |        |
| 501 | 21.009 | 20.996 | 21.015 | VV | 47732 | 543888  | 1.25%  | 0.036% |
| 502 | 21.024 | 21.015 | 21.044 | VV | 50932 | 849018  | 1.95%  | 0.056% |
| 503 | 21.049 | 21.044 | 21.061 | VV | 48144 | 475764  | 1.09%  | 0.031% |
| 504 | 21.066 | 21.061 | 21.069 | VV | 46631 | 238124  | 0.55%  | 0.016% |
| 505 | 21.073 | 21.069 | 21.120 | VV | 46459 | 1226359 | 2.81%  | 0.081% |
|     |        |        |        |    |       |         |        |        |
| 506 | 21.125 | 21.120 | 21.136 | VV | 35666 | 340731  | 0.78%  | 0.022% |
| 507 | 21.149 | 21.136 | 21.156 | VV | 32710 | 386788  | 0.89%  | 0.025% |
| 508 | 21.164 | 21.156 | 21.185 | VV | 32717 | 546573  | 1.25%  | 0.036% |
| 509 | 21.193 | 21.185 | 21.210 | VV | 30917 | 434381  | 1.00%  | 0.029% |

Instrument :

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Supervised By :mohammad ahmed 05/06/2022

|                         |        |        |        |    |            |        |       |        |
|-------------------------|--------|--------|--------|----|------------|--------|-------|--------|
| 510                     | 21.221 | 21.210 | 21.226 | VV | 30424      | 299572 | 0.69% | 0.020% |
| 511                     | 21.230 | 21.226 | 21.232 | VV | 29836      | 96752  |       |        |
| 512                     | 21.251 | 21.232 | 21.260 | VV | 33753      | 536528 |       |        |
| 513                     | 21.276 | 21.260 | 21.289 | VV | 34250      | 578229 |       |        |
| 514                     | 21.295 | 21.289 | 21.315 | VV | 33213      | 486614 |       |        |
| 515                     | 21.320 | 21.315 | 21.339 | VV | 30103      | 403363 |       |        |
| 516                     | 21.342 | 21.339 | 21.376 | VV | 24842      | 502602 | 1.15% | 0.033% |
| 517                     | 21.381 | 21.376 | 21.388 | VV | 21409      | 150902 | 0.35% | 0.010% |
| 518                     | 21.394 | 21.388 | 21.427 | VV | 20238      | 423975 | 0.97% | 0.028% |
| 519                     | 21.432 | 21.427 | 21.437 | VV | 17159      | 107337 | 0.25% | 0.007% |
| 520                     | 21.485 | 21.437 | 21.492 | VV | 21955      | 628765 | 1.44% | 0.041% |
| 521                     | 21.498 | 21.492 | 21.571 | VV | 22281      | 762131 | 1.75% | 0.050% |
| 522                     | 21.577 | 21.571 | 21.583 | VV | 11466      | 75140  | 0.17% | 0.005% |
| 523                     | 21.623 | 21.583 | 21.628 | VV | 16215      | 388894 | 0.89% | 0.026% |
| 524                     | 21.655 | 21.628 | 21.663 | VV | 23215      | 405052 | 0.93% | 0.027% |
| 525                     | 21.668 | 21.663 | 21.719 | VV | 22378      | 643059 | 1.48% | 0.042% |
| 526                     | 21.724 | 21.719 | 21.741 | VV | 17792      | 198838 | 0.46% | 0.013% |
| 527                     | 21.746 | 21.741 | 21.772 | VV | 13890      | 187275 | 0.43% | 0.012% |
| 528                     | 21.777 | 21.772 | 21.794 | VV | 5883       | 42425  | 0.10% | 0.003% |
| Sum of corrected areas: |        |        |        |    | 1521339481 |        |       |        |

Instrument :  
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/06/2022  
Supervised By :mohammad ahmed 05/06/2022

FF042922.M Fri May 06 13:15:33 2022