

rteres

Instrument :

FID\_G

ClientSampleId :

FDR-20211202-WC-S

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Ankita Jodhani 12/06/2021

Supervised By :mohammad ahmed 12/06/2021

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG12032  
Data File : FG009142.D  
Signal(s) : FID1A.ch  
Acq On : 03 Dec 2021 16:02  
Sample : M4920-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG112321.M  
Title :

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 2.023       | 1.998        | 2.057      | BH       | 8060           | 164521       | 0.12%          | 0.003%        |
| 2         | 2.066       | 2.057        | 2.077      | HH       | 5200           | 55245        | 0.04%          | 0.001%        |
| 3         | 2.098       | 2.077        | 2.107      | HH       | 11195          | 136113       | 0.10%          | 0.002%        |
| 4         | 2.115       | 2.107        | 2.129      | HH       | 8828           | 82598        | 0.06%          | 0.001%        |
| 5         | 2.142       | 2.129        | 2.153      | HH       | 5674           | 74334        | 0.05%          | 0.001%        |
| 6         | 2.161       | 2.153        | 2.177      | HH       | 6302           | 71009        | 0.05%          | 0.001%        |
| 7         | 2.193       | 2.177        | 2.208      | HH       | 5581           | 85071        | 0.06%          | 0.001%        |
| 8         | 2.226       | 2.208        | 2.249      | HH       | 5834           | 105116       | 0.08%          | 0.002%        |
| 9         | 2.270       | 2.249        | 2.294      | HH       | 10245          | 137949       | 0.10%          | 0.002%        |
| 10        | 2.308       | 2.294        | 2.317      | HH       | 4868           | 54385        | 0.04%          | 0.001%        |
| 11        | 2.332       | 2.317        | 2.356      | HH       | 15036          | 171355       | 0.12%          | 0.003%        |
| 12        | 2.363       | 2.356        | 2.370      | HH       | 3143           | 26965        | 0.02%          | 0.000%        |
| 13        | 2.380       | 2.370        | 2.383      | HH       | 3160           | 23834        | 0.02%          | 0.000%        |
| 14        | 2.401       | 2.383        | 2.434      | HH       | 5487           | 108217       | 0.08%          | 0.002%        |
| 15        | 2.445       | 2.434        | 2.450      | HH       | 2885           | 26536        | 0.02%          | 0.000%        |
| 16        | 2.463       | 2.450        | 2.477      | HH       | 3452           | 48349        | 0.03%          | 0.001%        |
| 17        | 2.484       | 2.477        | 2.492      | HH       | 3110           | 27281        | 0.02%          | 0.000%        |
| 18        | 2.506       | 2.492        | 2.534      | HH       | 5939           | 105796       | 0.08%          | 0.002%        |
| 19        | 2.560       | 2.534        | 2.590      | HH       | 6114           | 129185       | 0.09%          | 0.002%        |
| 20        | 2.608       | 2.590        | 2.618      | HH       | 15698          | 152474       | 0.11%          | 0.002%        |
| 21        | 2.624       | 2.618        | 2.645      | HH       | 9467           | 96495        | 0.07%          | 0.002%        |
| 22        | 2.661       | 2.645        | 2.675      | HH       | 11409          | 121833       | 0.09%          | 0.002%        |
| 23        | 2.689       | 2.675        | 2.708      | HH       | 8337           | 120606       | 0.09%          | 0.002%        |
| 24        | 2.711       | 2.708        | 2.720      | HH       | 5109           | 36659        | 0.03%          | 0.001%        |
| 25        | 2.727       | 2.720        | 2.769      | HH       | 4895           | 124479       | 0.09%          | 0.002%        |
| 26        | 2.795       | 2.769        | 2.809      | HH       | 12993          | 170822       | 0.12%          | 0.003%        |
| 27        | 2.813       | 2.809        | 2.859      | HH       | 6763           | 124287       | 0.09%          | 0.002%        |
| 28        | 2.884       | 2.859        | 2.915      | HH       | 33961          | 504618       | 0.36%          | 0.008%        |
| 29        | 2.927       | 2.915        | 2.938      | HH       | 6623           | 77836        | 0.06%          | 0.001%        |
| 30        | 2.947       | 2.938        | 2.968      | HH       | 8387           | 110239       | 0.08%          | 0.002%        |
| 31        | 2.991       | 2.968        | 3.004      | HH       | 8182           | 141996       | 0.10%          | 0.002%        |
| 32        | 3.014       | 3.004        | 3.031      | HH       | 6229           | 83527        | 0.06%          | 0.001%        |
| 33        | 3.047       | 3.031        | 3.051      | HH       | 7155           | 66864        | 0.05%          | 0.001%        |
| 34        | 3.060       | 3.051        | 3.075      | HH       | 8718           | 103629       | 0.07%          | 0.002%        |
| 35        | 3.086       | 3.075        | 3.093      | HH       | 6264           | 63723        | 0.05%          | 0.001%        |
| 36        | 3.110       | 3.093        | 3.133      | HH       | 35473          | 375498       | 0.27%          | 0.006%        |

| rteres |       |       |       |    |       |         |       |        |  |
|--------|-------|-------|-------|----|-------|---------|-------|--------|--|
| 37     | 3.147 | 3.133 | 3.158 | HH | 7105  | 93804   | 0.07% | 0.002% |  |
| 38     | 3.180 | 3.158 | 3.193 | HH | 9173  | 159828  |       |        |  |
| 39     | 3.204 | 3.193 | 3.223 | HH | 7940  | 110114  |       |        |  |
| 40     | 3.236 | 3.223 | 3.247 | HH | 4894  | 65040   |       |        |  |
| 41     | 3.254 | 3.247 | 3.283 | HH | 4482  | 84915   |       |        |  |
| 42     | 3.302 | 3.283 | 3.315 | HH | 6634  | 92496   |       |        |  |
| 43     | 3.320 | 3.315 | 3.328 | HH | 4634  | 35618   | 0.03% | 0.001% |  |
| 44     | 3.358 | 3.328 | 3.373 | HH | 27200 | 341090  | 0.25% | 0.006% |  |
| 45     | 3.377 | 3.373 | 3.393 | HH | 9316  | 87798   | 0.06% | 0.001% |  |
| 46     | 3.401 | 3.393 | 3.431 | HH | 5637  | 97063   | 0.07% | 0.002% |  |
| 47     | 3.462 | 3.431 | 3.473 | HH | 9920  | 143241  | 0.10% | 0.002% |  |
| 48     | 3.485 | 3.473 | 3.498 | HH | 9526  | 114140  | 0.08% | 0.002% |  |
| 49     | 3.509 | 3.498 | 3.525 | HH | 8209  | 107221  | 0.08% | 0.002% |  |
| 50     | 3.553 | 3.525 | 3.593 | HH | 9832  | 278761  | 0.20% | 0.005% |  |
| 51     | 3.631 | 3.593 | 3.662 | HH | 13785 | 315473  | 0.23% | 0.005% |  |
| 52     | 3.690 | 3.662 | 3.717 | HH | 8190  | 222531  | 0.16% | 0.004% |  |
| 53     | 3.734 | 3.717 | 3.756 | HH | 16007 | 241149  | 0.17% | 0.004% |  |
| 54     | 3.775 | 3.756 | 3.790 | HH | 12494 | 184940  | 0.13% | 0.003% |  |
| 55     | 3.807 | 3.790 | 3.821 | HH | 13541 | 181397  | 0.13% | 0.003% |  |
| 56     | 3.831 | 3.821 | 3.844 | HH | 9206  | 109619  | 0.08% | 0.002% |  |
| 57     | 3.860 | 3.844 | 3.873 | HH | 20789 | 238850  | 0.17% | 0.004% |  |
| 58     | 3.879 | 3.873 | 3.893 | HH | 11397 | 114403  | 0.08% | 0.002% |  |
| 59     | 3.904 | 3.893 | 3.921 | HH | 9634  | 113914  | 0.08% | 0.002% |  |
| 60     | 3.946 | 3.921 | 4.000 | HH | 18686 | 381063  | 0.27% | 0.006% |  |
| 61     | 4.038 | 4.000 | 4.049 | HH | 19432 | 331120  | 0.24% | 0.005% |  |
| 62     | 4.060 | 4.049 | 4.078 | HH | 18114 | 256256  | 0.18% | 0.004% |  |
| 63     | 4.093 | 4.078 | 4.110 | HH | 12568 | 202255  | 0.15% | 0.003% |  |
| 64     | 4.128 | 4.110 | 4.157 | HH | 13488 | 243957  | 0.18% | 0.004% |  |
| 65     | 4.191 | 4.157 | 4.225 | HH | 69580 | 1117690 | 0.81% | 0.018% |  |
| 66     | 4.239 | 4.225 | 4.253 | HH | 13199 | 183434  | 0.13% | 0.003% |  |
| 67     | 4.257 | 4.253 | 4.284 | HH | 9793  | 162149  | 0.12% | 0.003% |  |
| 68     | 4.295 | 4.284 | 4.321 | HH | 8695  | 154370  | 0.11% | 0.003% |  |
| 69     | 4.351 | 4.321 | 4.374 | HH | 9128  | 240980  | 0.17% | 0.004% |  |
| 70     | 4.392 | 4.374 | 4.411 | HH | 13208 | 212150  | 0.15% | 0.003% |  |
| 71     | 4.435 | 4.411 | 4.461 | HH | 50688 | 619691  | 0.45% | 0.010% |  |
| 72     | 4.482 | 4.461 | 4.496 | HH | 21370 | 273037  | 0.20% | 0.004% |  |
| 73     | 4.509 | 4.496 | 4.529 | HH | 12462 | 193874  | 0.14% | 0.003% |  |
| 74     | 4.543 | 4.529 | 4.568 | HH | 12061 | 212850  | 0.15% | 0.003% |  |
| 75     | 4.589 | 4.568 | 4.603 | HH | 14760 | 230643  | 0.17% | 0.004% |  |
| 76     | 4.612 | 4.603 | 4.623 | HH | 10722 | 120396  | 0.09% | 0.002% |  |
| 77     | 4.636 | 4.623 | 4.646 | HH | 12369 | 147338  | 0.11% | 0.002% |  |
| 78     | 4.660 | 4.646 | 4.675 | HH | 14565 | 214204  | 0.15% | 0.003% |  |
| 79     | 4.690 | 4.675 | 4.707 | HH | 23732 | 299486  | 0.22% | 0.005% |  |
| 80     | 4.721 | 4.707 | 4.737 | HH | 16956 | 229858  | 0.17% | 0.004% |  |
| 81     | 4.742 | 4.737 | 4.757 | HH | 9763  | 109440  | 0.08% | 0.002% |  |
| 82     | 4.769 | 4.757 | 4.777 | HH | 10553 | 116040  | 0.08% | 0.002% |  |
| 83     | 4.792 | 4.777 | 4.803 | HH | 14547 | 191084  | 0.14% | 0.003% |  |
| 84     | 4.820 | 4.803 | 4.837 | HH | 28484 | 388047  | 0.28% | 0.006% |  |
| 85     | 4.860 | 4.837 | 4.881 | HH | 21656 | 433372  | 0.31% | 0.007% |  |
| 86     | 4.910 | 4.881 | 4.930 | HH | 19008 | 403422  | 0.29% | 0.007% |  |
| 87     | 4.937 | 4.930 | 4.946 | HH | 8618  | 82373   | 0.06% | 0.001% |  |
| 88     | 4.973 | 4.946 | 5.000 | HH | 16332 | 382259  | 0.28% | 0.006% |  |
| 89     | 5.023 | 5.000 | 5.033 | HH | 13307 | 224267  | 0.16% | 0.004% |  |

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|     |       |       |       |    |        |         |       |        |
|-----|-------|-------|-------|----|--------|---------|-------|--------|
| 90  | 5.045 | 5.033 | 5.058 | HH | 14270  | 189807  | 0.14% | 0.003% |
| 91  | 5.083 | 5.058 | 5.107 | HH | 19879  | 459547  |       |        |
| 92  | 5.121 | 5.107 | 5.146 | HH | 18256  | 362972  |       |        |
| 93  | 5.161 | 5.146 | 5.173 | HH | 23442  | 303883  |       |        |
| 94  | 5.183 | 5.173 | 5.206 | HH | 20006  | 326908  |       |        |
| 95  | 5.212 | 5.206 | 5.220 | HH | 12188  | 101905  |       |        |
| 96  | 5.243 | 5.220 | 5.266 | HH | 125463 | 1389151 | 1.00% | 0.023% |
| 97  | 5.280 | 5.266 | 5.292 | HH | 17510  | 252448  | 0.18% | 0.004% |
| 98  | 5.307 | 5.292 | 5.327 | HH | 16685  | 322518  | 0.23% | 0.005% |
| 99  | 5.346 | 5.327 | 5.362 | HH | 25904  | 437876  | 0.32% | 0.007% |
| 100 | 5.370 | 5.362 | 5.384 | HH | 20924  | 250113  | 0.18% | 0.004% |
| 101 | 5.396 | 5.384 | 5.415 | HH | 18718  | 305969  | 0.22% | 0.005% |
| 102 | 5.429 | 5.415 | 5.456 | HH | 15940  | 351732  | 0.25% | 0.006% |
| 103 | 5.478 | 5.456 | 5.499 | HH | 86182  | 1068889 | 0.77% | 0.017% |
| 104 | 5.515 | 5.499 | 5.531 | HH | 21650  | 358911  | 0.26% | 0.006% |
| 105 | 5.548 | 5.531 | 5.564 | HH | 22754  | 345221  | 0.25% | 0.006% |
| 106 | 5.570 | 5.564 | 5.582 | HH | 13829  | 138314  | 0.10% | 0.002% |
| 107 | 5.613 | 5.582 | 5.632 | HH | 15239  | 414515  | 0.30% | 0.007% |
| 108 | 5.638 | 5.632 | 5.647 | HH | 14547  | 126822  | 0.09% | 0.002% |
| 109 | 5.664 | 5.647 | 5.686 | HH | 23553  | 438196  | 0.32% | 0.007% |
| 110 | 5.693 | 5.686 | 5.706 | HH | 16442  | 181733  | 0.13% | 0.003% |
| 111 | 5.721 | 5.706 | 5.740 | HH | 17490  | 313160  | 0.23% | 0.005% |
| 112 | 5.763 | 5.740 | 5.804 | HH | 32042  | 822051  | 0.59% | 0.013% |
| 113 | 5.822 | 5.804 | 5.838 | HH | 20826  | 327959  | 0.24% | 0.005% |
| 114 | 5.856 | 5.838 | 5.873 | HH | 24839  | 391920  | 0.28% | 0.006% |
| 115 | 5.888 | 5.873 | 5.896 | HH | 19000  | 247063  | 0.18% | 0.004% |
| 116 | 5.904 | 5.896 | 5.924 | HH | 19658  | 284793  | 0.21% | 0.005% |
| 117 | 5.937 | 5.924 | 5.961 | HH | 15956  | 315187  | 0.23% | 0.005% |
| 118 | 5.995 | 5.961 | 6.011 | HH | 22719  | 555094  | 0.40% | 0.009% |
| 119 | 6.037 | 6.011 | 6.054 | HH | 106830 | 1357207 | 0.98% | 0.022% |
| 120 | 6.071 | 6.054 | 6.086 | HH | 102228 | 1189475 | 0.86% | 0.019% |
| 121 | 6.095 | 6.086 | 6.111 | HH | 38792  | 483465  | 0.35% | 0.008% |
| 122 | 6.124 | 6.111 | 6.152 | HH | 30770  | 580967  | 0.42% | 0.009% |
| 123 | 6.187 | 6.152 | 6.205 | HH | 40348  | 832861  | 0.60% | 0.014% |
| 124 | 6.223 | 6.205 | 6.242 | HH | 40621  | 591147  | 0.43% | 0.010% |
| 125 | 6.254 | 6.242 | 6.265 | HH | 18538  | 246497  | 0.18% | 0.004% |
| 126 | 6.278 | 6.265 | 6.284 | HH | 17753  | 188689  | 0.14% | 0.003% |
| 127 | 6.303 | 6.284 | 6.324 | HH | 21566  | 453759  | 0.33% | 0.007% |
| 128 | 6.350 | 6.324 | 6.369 | HH | 24530  | 549229  | 0.40% | 0.009% |
| 129 | 6.387 | 6.369 | 6.413 | HH | 22494  | 519101  | 0.37% | 0.008% |
| 130 | 6.421 | 6.413 | 6.433 | HH | 17706  | 210755  | 0.15% | 0.003% |
| 131 | 6.464 | 6.433 | 6.509 | HH | 78512  | 1369738 | 0.99% | 0.022% |
| 132 | 6.520 | 6.509 | 6.536 | HH | 17046  | 263280  | 0.19% | 0.004% |
| 133 | 6.579 | 6.536 | 6.597 | HH | 63072  | 1090801 | 0.79% | 0.018% |
| 134 | 6.614 | 6.597 | 6.633 | HH | 37588  | 568397  | 0.41% | 0.009% |
| 135 | 6.655 | 6.633 | 6.660 | HH | 23603  | 333405  | 0.24% | 0.005% |
| 136 | 6.669 | 6.660 | 6.675 | HH | 23914  | 212128  | 0.15% | 0.003% |
| 137 | 6.685 | 6.675 | 6.707 | HH | 24722  | 420296  | 0.30% | 0.007% |
| 138 | 6.738 | 6.707 | 6.773 | HH | 22989  | 831393  | 0.60% | 0.014% |
| 139 | 6.790 | 6.773 | 6.818 | HH | 25847  | 608932  | 0.44% | 0.010% |
| 140 | 6.872 | 6.818 | 6.894 | HH | 29881  | 1078408 | 0.78% | 0.018% |
| 141 | 6.904 | 6.894 | 6.924 | HH | 22670  | 388074  | 0.28% | 0.006% |

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Supervised By :mohammad ahmed 12/06/2021

|     |       |       |       |    |        |         |       |        |
|-----|-------|-------|-------|----|--------|---------|-------|--------|
|     |       |       |       |    |        |         |       |        |
|     |       |       |       |    | rters  |         |       |        |
| 142 | 6.965 | 6.924 | 6.977 | HH | 76361  | 1255858 | 0.91% | 0.020% |
| 143 | 6.984 | 6.977 | 7.012 | HH | 50805  | 767476  |       |        |
| 144 | 7.030 | 7.012 | 7.043 | HH | 30621  | 521364  |       |        |
| 145 | 7.066 | 7.043 | 7.081 | HH | 40471  | 804582  |       |        |
|     |       |       |       |    |        |         |       |        |
| 146 | 7.099 | 7.081 | 7.144 | HH | 118946 | 2046675 |       |        |
| 147 | 7.171 | 7.144 | 7.186 | HH | 50169  | 894081  |       |        |
| 148 | 7.203 | 7.186 | 7.216 | HH | 36175  | 608688  | 0.44% | 0.010% |
| 149 | 7.235 | 7.216 | 7.262 | HH | 89208  | 1418328 | 1.02% | 0.023% |
| 150 | 7.293 | 7.262 | 7.316 | HH | 76266  | 1595460 | 1.15% | 0.026% |
|     |       |       |       |    |        |         |       |        |
| 151 | 7.329 | 7.316 | 7.338 | HH | 38012  | 463432  | 0.33% | 0.008% |
| 152 | 7.353 | 7.338 | 7.368 | HH | 42447  | 694576  | 0.50% | 0.011% |
| 153 | 7.394 | 7.368 | 7.415 | HH | 112159 | 1923247 | 1.39% | 0.031% |
| 154 | 7.419 | 7.415 | 7.434 | HH | 49403  | 506491  | 0.37% | 0.008% |
| 155 | 7.461 | 7.434 | 7.483 | HH | 114164 | 2069513 | 1.49% | 0.034% |
|     |       |       |       |    |        |         |       |        |
| 156 | 7.494 | 7.483 | 7.507 | HH | 53245  | 714417  | 0.52% | 0.012% |
| 157 | 7.521 | 7.507 | 7.545 | HH | 52455  | 1046069 | 0.75% | 0.017% |
| 158 | 7.578 | 7.545 | 7.601 | HH | 52714  | 1573161 | 1.13% | 0.026% |
| 159 | 7.619 | 7.601 | 7.646 | HH | 62438  | 1350315 | 0.97% | 0.022% |
| 160 | 7.657 | 7.646 | 7.667 | HH | 42729  | 525589  | 0.38% | 0.009% |
|     |       |       |       |    |        |         |       |        |
| 161 | 7.691 | 7.667 | 7.704 | HH | 58291  | 1145376 | 0.83% | 0.019% |
| 162 | 7.719 | 7.704 | 7.726 | HH | 54995  | 694357  | 0.50% | 0.011% |
| 163 | 7.751 | 7.726 | 7.794 | HH | 67915  | 2407293 | 1.74% | 0.039% |
| 164 | 7.835 | 7.794 | 7.859 | HH | 141660 | 3305968 | 2.38% | 0.054% |
| 165 | 7.878 | 7.859 | 7.893 | HH | 87179  | 1441902 | 1.04% | 0.023% |
|     |       |       |       |    |        |         |       |        |
| 166 | 7.909 | 7.893 | 7.929 | HH | 77683  | 1524364 | 1.10% | 0.025% |
| 167 | 7.963 | 7.929 | 7.977 | HH | 93943  | 2122573 | 1.53% | 0.035% |
| 168 | 8.016 | 7.977 | 8.032 | HH | 87586  | 2793028 | 2.01% | 0.045% |
| 169 | 8.047 | 8.032 | 8.066 | HH | 87456  | 1625647 | 1.17% | 0.026% |
| 170 | 8.087 | 8.066 | 8.122 | HH | 129558 | 3425983 | 2.47% | 0.056% |
|     |       |       |       |    |        |         |       |        |
| 171 | 8.137 | 8.122 | 8.146 | HH | 87537  | 1158950 | 0.84% | 0.019% |
| 172 | 8.159 | 8.146 | 8.184 | HH | 94820  | 1981896 | 1.43% | 0.032% |
| 173 | 8.204 | 8.184 | 8.220 | HH | 140732 | 2484607 | 1.79% | 0.040% |
| 174 | 8.233 | 8.220 | 8.253 | HH | 134862 | 2327651 | 1.68% | 0.038% |
| 175 | 8.273 | 8.253 | 8.290 | HH | 203386 | 3183519 | 2.29% | 0.052% |
|     |       |       |       |    |        |         |       |        |
| 176 | 8.301 | 8.290 | 8.333 | HH | 120909 | 2847785 | 2.05% | 0.046% |
| 177 | 8.355 | 8.333 | 8.374 | HH | 299519 | 4506105 | 3.25% | 0.073% |
| 178 | 8.381 | 8.374 | 8.386 | HH | 116974 | 813985  | 0.59% | 0.013% |
| 179 | 8.398 | 8.386 | 8.422 | HH | 134946 | 2386681 | 1.72% | 0.039% |
| 180 | 8.440 | 8.422 | 8.446 | HH | 95437  | 1282010 | 0.92% | 0.021% |
|     |       |       |       |    |        |         |       |        |
| 181 | 8.463 | 8.446 | 8.484 | HH | 120295 | 2442158 | 1.76% | 0.040% |
| 182 | 8.489 | 8.484 | 8.508 | HH | 93341  | 1279991 | 0.92% | 0.021% |
| 183 | 8.524 | 8.508 | 8.537 | HH | 87063  | 1456315 | 1.05% | 0.024% |
| 184 | 8.554 | 8.537 | 8.561 | HH | 86655  | 1167625 | 0.84% | 0.019% |
| 185 | 8.588 | 8.561 | 8.603 | HH | 216125 | 3529159 | 2.54% | 0.057% |
|     |       |       |       |    |        |         |       |        |
| 186 | 8.618 | 8.603 | 8.653 | HH | 193411 | 3881234 | 2.80% | 0.063% |
| 187 | 8.686 | 8.653 | 8.708 | HH | 193310 | 4016828 | 2.90% | 0.065% |
| 188 | 8.731 | 8.708 | 8.744 | HH | 115670 | 2077052 | 1.50% | 0.034% |
| 189 | 8.748 | 8.744 | 8.767 | HH | 94886  | 1223412 | 0.88% | 0.020% |
| 190 | 8.819 | 8.767 | 8.841 | HH | 233542 | 5527374 | 3.98% | 0.090% |
|     |       |       |       |    |        |         |       |        |
| 191 | 8.861 | 8.841 | 8.872 | HH | 97756  | 1640122 | 1.18% | 0.027% |
| 192 | 8.889 | 8.872 | 8.907 | HH | 126705 | 2168865 | 1.56% | 0.035% |
| 193 | 8.926 | 8.907 | 8.941 | HH | 115579 | 2109133 | 1.52% | 0.034% |
| 194 | 8.958 | 8.941 | 8.977 | HH | 198049 | 3107383 | 2.24% | 0.051% |

Instrument :

FID\_G

ClientSampleId :

FDR-20211202-WC-S

Manual IntegrationsAPPROVED

Reviewed By :Ankita Jodhani 12/06/2021

Supervised By :mohammad ahmed 12/06/2021

|     |        |        |        |    |         |          |        |        |
|-----|--------|--------|--------|----|---------|----------|--------|--------|
| 195 | 8.990  | 8.977  | 9.011  | HH | 111172  | 2003550  | 1.44%  | 0.033% |
| 196 | 9.022  | 9.011  | 9.033  | HH | 88498   | 1164612  |        |        |
| 197 | 9.062  | 9.033  | 9.083  | HH | 219084  | 4150846  |        |        |
| 198 | 9.099  | 9.083  | 9.122  | HH | 177075  | 3525017  |        |        |
| 199 | 9.133  | 9.122  | 9.151  | HH | 159474  | 2369421  |        |        |
| 200 | 9.167  | 9.151  | 9.183  | HH | 148039  | 2212287  |        |        |
| 201 | 9.202  | 9.183  | 9.223  | HH | 301999  | 4347956  | 3.13%  | 0.071% |
| 202 | 9.247  | 9.223  | 9.267  | HH | 136626  | 2952524  | 2.13%  | 0.048% |
| 203 | 9.293  | 9.267  | 9.322  | HH | 132575  | 3845363  | 2.77%  | 0.063% |
| 204 | 9.346  | 9.322  | 9.366  | HH | 326562  | 4933115  | 3.56%  | 0.080% |
| 205 | 9.408  | 9.366  | 9.423  | HH | 290154  | 5685347  | 4.10%  | 0.093% |
| 206 | 9.441  | 9.423  | 9.465  | HH | 300234  | 5114691  | 3.69%  | 0.083% |
| 207 | 9.477  | 9.465  | 9.489  | HH | 160534  | 2145510  | 1.55%  | 0.035% |
| 208 | 9.499  | 9.489  | 9.530  | HH | 142671  | 3088290  | 2.23%  | 0.050% |
| 209 | 9.557  | 9.530  | 9.609  | HH | 444028  | 9749219  | 7.03%  | 0.159% |
| 210 | 9.655  | 9.609  | 9.672  | HH | 522381  | 10397723 | 7.50%  | 0.169% |
| 211 | 9.686  | 9.672  | 9.700  | HH | 315365  | 4699013  | 3.39%  | 0.076% |
| 212 | 9.705  | 9.700  | 9.722  | HH | 278197  | 3373153  | 2.43%  | 0.055% |
| 213 | 9.728  | 9.722  | 9.744  | HH | 233019  | 2835709  | 2.04%  | 0.046% |
| 214 | 9.750  | 9.744  | 9.763  | HH | 190134  | 1996861  | 1.44%  | 0.032% |
| 215 | 9.810  | 9.763  | 9.843  | HH | 470980  | 14058093 | 10.13% | 0.229% |
| 216 | 9.849  | 9.843  | 9.858  | HH | 227705  | 2031612  | 1.46%  | 0.033% |
| 217 | 9.884  | 9.858  | 9.899  | HH | 838916  | 12656399 | 9.12%  | 0.206% |
| 218 | 9.916  | 9.899  | 9.938  | HH | 917854  | 13102344 | 9.45%  | 0.213% |
| 219 | 9.953  | 9.938  | 9.972  | HH | 302967  | 5194028  | 3.74%  | 0.085% |
| 220 | 10.005 | 9.972  | 10.020 | HH | 372552  | 7981711  | 5.75%  | 0.130% |
| 221 | 10.036 | 10.020 | 10.065 | HH | 457160  | 9397914  | 6.77%  | 0.153% |
| 222 | 10.118 | 10.065 | 10.156 | HH | 1571856 | 42675188 | 30.76% | 0.695% |
| 223 | 10.190 | 10.156 | 10.206 | HH | 842114  | 16454124 | 11.86% | 0.268% |
| 224 | 10.237 | 10.206 | 10.253 | HH | 1201908 | 25146258 | 18.13% | 0.409% |
| 225 | 10.269 | 10.253 | 10.278 | HH | 1152928 | 14973070 | 10.79% | 0.244% |
| 226 | 10.289 | 10.278 | 10.319 | HH | 1235158 | 20146858 | 14.52% | 0.328% |
| 227 | 10.324 | 10.319 | 10.339 | HH | 459481  | 5064916  | 3.65%  | 0.082% |
| 228 | 10.385 | 10.339 | 10.407 | HH | 2710001 | 49981836 | 36.03% | 0.813% |
| 229 | 10.410 | 10.407 | 10.437 | HH | 754356  | 11048882 | 7.96%  | 0.180% |
| 230 | 10.455 | 10.437 | 10.475 | HH | 613762  | 10705009 | 7.72%  | 0.174% |
| 231 | 10.500 | 10.475 | 10.520 | HH | 924802  | 16321386 | 11.77% | 0.266% |
| 232 | 10.577 | 10.520 | 10.592 | HH | 2508215 | 59888851 | 43.17% | 0.975% |
| 233 | 10.609 | 10.592 | 10.624 | HH | 2650228 | 33618938 | 24.24% | 0.547% |
| 234 | 10.634 | 10.624 | 10.649 | HH | 725684  | 9258375  | 6.67%  | 0.151% |
| 235 | 10.678 | 10.649 | 10.712 | HH | 1400676 | 31799822 | 22.92% | 0.518% |
| 236 | 10.724 | 10.712 | 10.732 | HH | 629551  | 7008923  | 5.05%  | 0.114% |
| 237 | 10.748 | 10.732 | 10.770 | HH | 973112  | 16442068 | 11.85% | 0.268% |
| 238 | 10.792 | 10.770 | 10.802 | HH | 891013  | 13805911 | 9.95%  | 0.225% |
| 239 | 10.817 | 10.802 | 10.843 | HH | 1118217 | 20760037 | 14.97% | 0.338% |
| 240 | 10.857 | 10.843 | 10.877 | HH | 786490  | 13900296 | 10.02% | 0.226% |
| 241 | 10.910 | 10.877 | 10.937 | HH | 1359812 | 33271295 | 23.98% | 0.541% |
| 242 | 10.964 | 10.937 | 10.985 | HH | 1247215 | 27192342 | 19.60% | 0.443% |
| 243 | 11.000 | 10.985 | 11.030 | HH | 972801  | 20970276 | 15.12% | 0.341% |
| 244 | 11.063 | 11.030 | 11.077 | HH | 1021853 | 22097910 | 15.93% | 0.360% |
| 245 | 11.087 | 11.077 | 11.105 | HH | 992673  | 14344590 | 10.34% | 0.233% |
| 246 | 11.125 | 11.105 | 11.140 | HH | 996951  | 17325479 | 12.49% | 0.282% |

Instrument :

FID\_G

ClientSampleId :

FDR-20211202-WC-S

Manual IntegrationsAPPROVED

Reviewed By :Ankita Jodhani 12/06/2021

Supervised By :mohammad ahmed 12/06/2021

| Instrument :<br>FID_G<br>ClientSampleId :<br>FDR-20211202-WC-S |        |        |        |    |         |           |         |        |
|----------------------------------------------------------------|--------|--------|--------|----|---------|-----------|---------|--------|
| rteres                                                         |        |        |        |    |         |           |         |        |
| 247                                                            | 11.159 | 11.140 | 11.178 | HH | 1290628 | 22515987  | 16.23%  | 0.366% |
| 248                                                            | 11.203 | 11.178 | 11.222 | HH | 1218119 | 25946326  | 18.15%  | 0.366% |
| 249                                                            | 11.243 | 11.222 | 11.253 | HH | 1402515 | 23414487  | 16.23%  | 0.366% |
| 250                                                            | 11.278 | 11.253 | 11.301 | HH | 1744021 | 37484795  | 27.15%  | 0.366% |
| 251                                                            | 11.339 | 11.301 | 11.400 | HH | 2281237 | 85000173  | 61.23%  | 0.752% |
| 252                                                            | 11.434 | 11.400 | 11.472 | HH | 2467194 | 58925024  | 42.13%  | 0.752% |
| 253                                                            | 11.511 | 11.472 | 11.529 | HH | 1948148 | 46224516  | 33.32%  | 0.752% |
| 254                                                            | 11.543 | 11.529 | 11.550 | HH | 1686008 | 21009347  | 15.15%  | 0.342% |
| 255                                                            | 11.575 | 11.550 | 11.597 | HH | 2178175 | 52383645  | 37.76%  | 0.853% |
| 256                                                            | 11.630 | 11.597 | 11.651 | HH | 2104908 | 58439666  | 42.13%  | 0.951% |
| 257                                                            | 11.675 | 11.651 | 11.705 | HH | 2292597 | 53711786  | 38.72%  | 0.874% |
| 258                                                            | 11.733 | 11.705 | 11.747 | HH | 1697144 | 37662145  | 27.15%  | 0.613% |
| 259                                                            | 11.772 | 11.747 | 11.795 | HH | 2338203 | 56894176  | 41.01%  | 0.926% |
| 260                                                            | 11.842 | 11.795 | 11.862 | HH | 3052204 | 100941465 | 72.77%  | 1.643% |
| 261                                                            | 11.868 | 11.862 | 11.895 | HH | 2500591 | 39699861  | 28.62%  | 0.646% |
| 262                                                            | 11.943 | 11.895 | 11.979 | HH | 4160991 | 138719916 | 100.00% | 2.258% |
| 263                                                            | 12.008 | 11.979 | 12.026 | HH | 3107651 | 69253847  | 49.92%  | 1.127% |
| 264                                                            | 12.038 | 12.026 | 12.043 | HH | 2542962 | 24753377  | 17.84%  | 0.403% |
| 265                                                            | 12.071 | 12.043 | 12.094 | HH | 4019303 | 90356452  | 65.14%  | 1.471% |
| 266                                                            | 12.105 | 12.094 | 12.117 | HH | 2173195 | 29806135  | 21.49%  | 0.485% |
| 267                                                            | 12.137 | 12.117 | 12.162 | HH | 2667876 | 62312239  | 44.92%  | 1.014% |
| 268                                                            | 12.198 | 12.162 | 12.220 | HH | 3342063 | 95614647  | 68.93%  | 1.556% |
| 269                                                            | 12.228 | 12.220 | 12.257 | HH | 2236647 | 42978761  | 30.98%  | 0.699% |
| 270                                                            | 12.296 | 12.257 | 12.320 | HH | 2284494 | 74848074  | 53.96%  | 1.218% |
| 271                                                            | 12.328 | 12.320 | 12.355 | HH | 1889374 | 33360356  | 24.05%  | 0.543% |
| 272                                                            | 12.389 | 12.355 | 12.407 | HH | 1547519 | 42620351  | 30.72%  | 0.694% |
| 273                                                            | 12.441 | 12.407 | 12.459 | HH | 2009234 | 51491518  | 37.12%  | 0.838% |
| 274                                                            | 12.472 | 12.459 | 12.506 | HH | 1587817 | 39668742  | 28.60%  | 0.646% |
| 275                                                            | 12.524 | 12.506 | 12.544 | HH | 1402119 | 29528800  | 21.29%  | 0.481% |
| 276                                                            | 12.576 | 12.544 | 12.592 | HH | 1347810 | 36574797  | 26.37%  | 0.595% |
| 277                                                            | 12.599 | 12.592 | 12.607 | HH | 1235217 | 10746609  | 7.75%   | 0.175% |
| 278                                                            | 12.625 | 12.607 | 12.644 | HH | 1706453 | 31645921  | 22.81%  | 0.515% |
| 279                                                            | 12.669 | 12.644 | 12.690 | HH | 1459715 | 36205540  | 26.10%  | 0.589% |
| 280                                                            | 12.713 | 12.690 | 12.740 | HH | 1468260 | 40228008  | 29.00%  | 0.655% |
| 281                                                            | 12.771 | 12.740 | 12.797 | HH | 1962620 | 53621781  | 38.65%  | 0.873% |
| 282                                                            | 12.823 | 12.797 | 12.840 | HH | 1503763 | 35521883  | 25.61%  | 0.578% |
| 283                                                            | 12.856 | 12.840 | 12.871 | HH | 1397875 | 24342154  | 17.55%  | 0.396% |
| 284                                                            | 12.896 | 12.871 | 12.972 | HH | 1650960 | 79904547  | 57.60%  | 1.300% |
| 285                                                            | 12.977 | 12.972 | 12.982 | HH | 1045241 | 5959439   | 4.30%   | 0.097% |
| 286                                                            | 13.020 | 12.982 | 13.039 | HH | 1495338 | 44526453  | 32.10%  | 0.725% |
| 287                                                            | 13.068 | 13.039 | 13.088 | HH | 1934307 | 45716727  | 32.96%  | 0.744% |
| 288                                                            | 13.093 | 13.088 | 13.109 | HH | 1433925 | 16367719  | 11.80%  | 0.266% |
| 289                                                            | 13.142 | 13.109 | 13.161 | HH | 1473537 | 40328098  | 29.07%  | 0.656% |
| 290                                                            | 13.177 | 13.161 | 13.201 | HH | 1330472 | 30138752  | 21.73%  | 0.491% |
| 291                                                            | 13.245 | 13.201 | 13.276 | HH | 1352001 | 55466535  | 39.98%  | 0.903% |
| 292                                                            | 13.291 | 13.276 | 13.313 | HH | 1185734 | 25559844  | 18.43%  | 0.416% |
| 293                                                            | 13.333 | 13.313 | 13.375 | HH | 1177624 | 40486844  | 29.19%  | 0.659% |
| 294                                                            | 13.411 | 13.375 | 13.432 | HH | 1285193 | 39792424  | 28.69%  | 0.648% |
| 295                                                            | 13.438 | 13.432 | 13.445 | HH | 1102970 | 8392444   | 6.05%   | 0.137% |
| 296                                                            | 13.464 | 13.445 | 13.473 | HH | 1205389 | 19675711  | 14.18%  | 0.320% |
| 297                                                            | 13.475 | 13.473 | 13.505 | HH | 1193524 | 22395406  | 16.14%  | 0.364% |
| 298                                                            | 13.522 | 13.505 | 13.528 | HH | 1184145 | 15877842  | 11.45%  | 0.258% |
| 299                                                            | 13.543 | 13.528 | 13.549 | HH | 1223927 | 14683264  | 10.58%  | 0.239% |

Manual IntegrationsAPPROVED

Reviewed By :Ankita Jodhani 12/06/2021  
Supervised By :mohammad ahmed 12/06/2021



|     |        |        |        |    |         |          |        |        |
|-----|--------|--------|--------|----|---------|----------|--------|--------|
| 300 | 13.552 | 13.549 | 13.590 | HH | 1229044 | 28016438 | 20.20% | 0.456% |
| 301 | 13.609 | 13.590 | 13.626 | HH | 1081767 | 22102490 | 15.00% | 0.456% |
| 302 | 13.656 | 13.626 | 13.695 | HH | 1384496 | 47272787 | 34.00% | 0.456% |
| 303 | 13.715 | 13.695 | 13.724 | HH | 1083353 | 16852245 | 12.00% | 0.456% |
| 304 | 13.730 | 13.724 | 13.735 | HH | 1065931 | 6831861  | 4.00%  | 0.456% |
| 305 | 13.740 | 13.735 | 13.750 | HH | 1066961 | 9679199  | 6.00%  | 0.456% |
| 306 | 13.777 | 13.750 | 13.811 | HH | 1204699 | 38738370 | 27.93% | 0.630% |
| 307 | 13.832 | 13.811 | 13.859 | HH | 1016036 | 27182207 | 19.60% | 0.442% |
| 308 | 13.866 | 13.859 | 13.871 | HH | 954875  | 6776673  | 4.89%  | 0.110% |
| 309 | 13.900 | 13.871 | 13.922 | HH | 974664  | 28953630 | 20.87% | 0.471% |
| 310 | 13.929 | 13.922 | 13.947 | HH | 947031  | 13869854 | 10.00% | 0.226% |
| 311 | 13.953 | 13.947 | 13.963 | HH | 893016  | 7990019  | 5.76%  | 0.130% |
| 312 | 13.973 | 13.963 | 13.978 | HH | 875965  | 8149095  | 5.87%  | 0.133% |
| 313 | 14.005 | 13.978 | 14.023 | HH | 933078  | 24283195 | 17.51% | 0.395% |
| 314 | 14.031 | 14.023 | 14.057 | HH | 921372  | 18185482 | 13.11% | 0.296% |
| 315 | 14.094 | 14.057 | 14.109 | HH | 1003284 | 28592260 | 20.61% | 0.465% |
| 316 | 14.129 | 14.109 | 14.137 | HH | 939775  | 15446841 | 11.14% | 0.251% |
| 317 | 14.140 | 14.137 | 14.168 | HH | 924736  | 16269126 | 11.73% | 0.265% |
| 318 | 14.203 | 14.168 | 14.235 | HH | 1028746 | 36872564 | 26.58% | 0.600% |
| 319 | 14.253 | 14.235 | 14.257 | HH | 886536  | 11753817 | 8.47%  | 0.191% |
| 320 | 14.263 | 14.257 | 14.302 | HH | 904982  | 23333807 | 16.82% | 0.380% |
| 321 | 14.321 | 14.302 | 14.349 | HH | 917734  | 24750325 | 17.84% | 0.403% |
| 322 | 14.366 | 14.349 | 14.382 | HH | 923344  | 17603611 | 12.69% | 0.286% |
| 323 | 14.394 | 14.382 | 14.425 | HH | 950853  | 23073756 | 16.63% | 0.376% |
| 324 | 14.446 | 14.425 | 14.472 | HH | 892162  | 23995831 | 17.30% | 0.391% |
| 325 | 14.486 | 14.472 | 14.505 | HH | 937933  | 17667532 | 12.74% | 0.288% |
| 326 | 14.512 | 14.505 | 14.530 | HH | 911439  | 13769157 | 9.93%  | 0.224% |
| 327 | 14.566 | 14.530 | 14.605 | HH | 992972  | 41097771 | 29.63% | 0.669% |
| 328 | 14.626 | 14.605 | 14.649 | HH | 949605  | 23102370 | 16.65% | 0.376% |
| 329 | 14.709 | 14.649 | 14.723 | HH | 946252  | 40165455 | 28.95% | 0.654% |
| 330 | 14.729 | 14.723 | 14.742 | HH | 952917  | 10414578 | 7.51%  | 0.169% |
| 331 | 14.779 | 14.742 | 14.839 | HH | 1055351 | 56329099 | 40.61% | 0.917% |
| 332 | 14.856 | 14.839 | 14.865 | HH | 951870  | 14665197 | 10.57% | 0.239% |
| 333 | 14.891 | 14.865 | 14.927 | HH | 986644  | 35746551 | 25.77% | 0.582% |
| 334 | 14.948 | 14.927 | 14.967 | HH | 1210489 | 25995002 | 18.74% | 0.423% |
| 335 | 14.992 | 14.967 | 15.021 | HH | 1294887 | 36956733 | 26.64% | 0.601% |
| 336 | 15.037 | 15.021 | 15.072 | HH | 1054178 | 30055150 | 21.67% | 0.489% |
| 337 | 15.110 | 15.072 | 15.138 | HH | 1081667 | 39344152 | 28.36% | 0.640% |
| 338 | 15.166 | 15.138 | 15.177 | HH | 1045248 | 23340913 | 16.83% | 0.380% |
| 339 | 15.184 | 15.177 | 15.188 | HH | 993082  | 6650730  | 4.79%  | 0.108% |
| 340 | 15.212 | 15.188 | 15.244 | HH | 1071325 | 34369505 | 24.78% | 0.559% |
| 341 | 15.257 | 15.244 | 15.272 | HH | 1117314 | 18055502 | 13.02% | 0.294% |
| 342 | 15.292 | 15.272 | 15.308 | HH | 1078382 | 22297867 | 16.07% | 0.363% |
| 343 | 15.326 | 15.308 | 15.340 | HH | 1064174 | 19977889 | 14.40% | 0.325% |
| 344 | 15.387 | 15.340 | 15.424 | HH | 1189160 | 53585287 | 38.63% | 0.872% |
| 345 | 15.444 | 15.424 | 15.460 | HH | 1083524 | 22583906 | 16.28% | 0.368% |
| 346 | 15.464 | 15.460 | 15.468 | HH | 1031304 | 4855431  | 3.50%  | 0.079% |
| 347 | 15.477 | 15.468 | 15.497 | HH | 1064895 | 17968594 | 12.95% | 0.292% |
| 348 | 15.513 | 15.497 | 15.535 | HH | 1092160 | 24340822 | 17.55% | 0.396% |
| 349 | 15.562 | 15.535 | 15.586 | HH | 1145473 | 32057056 | 23.11% | 0.522% |
| 350 | 15.603 | 15.586 | 15.612 | HH | 1085973 | 16224439 | 11.70% | 0.264% |
| 351 | 15.636 | 15.612 | 15.662 | HH | 1155028 | 32812819 | 23.65% | 0.534% |

Instrument :  
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FDR-20211202-WC-S

Manual IntegrationsAPPROVED

Reviewed By :Ankita Jodhani 12/06/2021  
Supervised By :mohammad ahmed 12/06/2021

| rteres |        |        |        |    |         |          |        |        |  |
|--------|--------|--------|--------|----|---------|----------|--------|--------|--|
| 352    | 15.668 | 15.662 | 15.697 | HH | 1045310 | 21146843 | 15.24% | 0.344% |  |
| 353    | 15.702 | 15.697 | 15.713 | HH | 1016901 | 9723340  |        |        |  |
| 354    | 15.727 | 15.713 | 15.739 | HH | 1035402 | 15731669 | 11.77% | 0.344% |  |
| 355    | 15.764 | 15.739 | 15.783 | HH | 1060259 | 27253469 | 19.00% | 0.344% |  |
| 356    | 15.810 | 15.783 | 15.842 | HH | 1033392 | 34740725 | 29.00% | 0.316% |  |
| 357    | 15.856 | 15.842 | 15.870 | HH | 967560  | 15985040 | 11.77% | 0.316% |  |
| 358    | 15.885 | 15.870 | 15.905 | HH | 943525  | 19416194 | 14.00% | 0.316% |  |
| 359    | 15.924 | 15.905 | 15.964 | HH | 944845  | 31584595 | 22.77% | 0.514% |  |
| 360    | 15.996 | 15.964 | 16.002 | HH | 899551  | 19925833 | 14.36% | 0.324% |  |
| 361    | 16.012 | 16.002 | 16.076 | HH | 916672  | 38757739 | 27.94% | 0.631% |  |
| 362    | 16.079 | 16.076 | 16.102 | HH | 835769  | 12499676 | 9.01%  | 0.203% |  |
| 363    | 16.108 | 16.102 | 16.124 | HH | 803850  | 10345214 | 7.46%  | 0.168% |  |
| 364    | 16.129 | 16.124 | 16.154 | HH | 783810  | 13877855 | 10.00% | 0.226% |  |
| 365    | 16.159 | 16.154 | 16.172 | HH | 772543  | 8404772  | 6.06%  | 0.137% |  |
| 366    | 16.179 | 16.172 | 16.210 | HH | 777433  | 17218793 | 12.41% | 0.280% |  |
| 367    | 16.226 | 16.210 | 16.254 | HH | 771898  | 19193062 | 13.84% | 0.312% |  |
| 368    | 16.259 | 16.254 | 16.292 | HH | 726796  | 16203403 | 11.68% | 0.264% |  |
| 369    | 16.317 | 16.292 | 16.342 | HH | 730552  | 21144749 | 15.24% | 0.344% |  |
| 370    | 16.351 | 16.342 | 16.355 | HH | 699945  | 5580169  | 4.02%  | 0.091% |  |
| 371    | 16.362 | 16.355 | 16.369 | HH | 698499  | 5536160  | 3.99%  | 0.090% |  |
| 372    | 16.378 | 16.369 | 16.385 | HH | 706569  | 6952144  | 5.01%  | 0.113% |  |
| 373    | 16.390 | 16.385 | 16.414 | HH | 684795  | 11530312 | 8.31%  | 0.188% |  |
| 374    | 16.438 | 16.414 | 16.457 | HH | 690566  | 17433808 | 12.57% | 0.284% |  |
| 375    | 16.468 | 16.457 | 16.477 | HH | 700598  | 8299113  | 5.98%  | 0.135% |  |
| 376    | 16.482 | 16.477 | 16.490 | HH | 694139  | 5239610  | 3.78%  | 0.085% |  |
| 377    | 16.529 | 16.490 | 16.545 | HH | 1023595 | 27881965 | 20.10% | 0.454% |  |
| 378    | 16.553 | 16.545 | 16.580 | HH | 790899  | 14825847 | 10.69% | 0.241% |  |
| 379    | 16.586 | 16.580 | 16.609 | HH | 654624  | 11079117 | 7.99%  | 0.180% |  |
| 380    | 16.631 | 16.609 | 16.635 | HH | 626027  | 9574504  | 6.90%  | 0.156% |  |
| 381    | 16.656 | 16.635 | 16.709 | HH | 691204  | 28231590 | 20.35% | 0.459% |  |
| 382    | 16.726 | 16.709 | 16.755 | HH | 663852  | 17327633 | 12.49% | 0.282% |  |
| 383    | 16.792 | 16.755 | 16.802 | HH | 622327  | 17205605 | 12.40% | 0.280% |  |
| 384    | 16.807 | 16.802 | 16.820 | HH | 601855  | 6361250  | 4.59%  | 0.104% |  |
| 385    | 16.850 | 16.820 | 16.880 | HH | 793616  | 23587390 | 17.00% | 0.384% |  |
| 386    | 16.911 | 16.880 | 16.935 | HH | 852143  | 22640033 | 16.32% | 0.368% |  |
| 387    | 16.956 | 16.935 | 16.983 | HH | 602791  | 16587446 | 11.96% | 0.270% |  |
| 388    | 17.007 | 16.983 | 17.039 | HH | 637995  | 19768068 | 14.25% | 0.322% |  |
| 389    | 17.062 | 17.039 | 17.100 | HH | 558313  | 19593682 | 14.12% | 0.319% |  |
| 390    | 17.106 | 17.100 | 17.114 | HH | 535013  | 4396810  | 3.17%  | 0.072% |  |
| 391    | 17.118 | 17.114 | 17.136 | HH | 540342  | 6983586  | 5.03%  | 0.114% |  |
| 392    | 17.157 | 17.136 | 17.191 | HH | 573202  | 18129074 | 13.07% | 0.295% |  |
| 393    | 17.205 | 17.191 | 17.215 | HH | 541205  | 7714547  | 5.56%  | 0.126% |  |
| 394    | 17.223 | 17.215 | 17.246 | HH | 543408  | 9687304  | 6.98%  | 0.158% |  |
| 395    | 17.263 | 17.246 | 17.284 | HH | 554553  | 12139101 | 8.75%  | 0.198% |  |
| 396    | 17.290 | 17.284 | 17.324 | HH | 550102  | 12902035 | 9.30%  | 0.210% |  |
| 397    | 17.331 | 17.324 | 17.339 | HH | 508942  | 4243275  | 3.06%  | 0.069% |  |
| 398    | 17.353 | 17.339 | 17.360 | HH | 513302  | 6610748  | 4.77%  | 0.108% |  |
| 399    | 17.374 | 17.360 | 17.386 | HH | 516637  | 7980192  | 5.75%  | 0.130% |  |
| 400    | 17.403 | 17.386 | 17.449 | HH | 533119  | 19201273 | 13.84% | 0.312% |  |
| 401    | 17.454 | 17.449 | 17.464 | HH | 499575  | 4479010  | 3.23%  | 0.073% |  |
| 402    | 17.465 | 17.464 | 17.475 | HH | 500700  | 3446079  | 2.48%  | 0.056% |  |
| 403    | 17.484 | 17.475 | 17.491 | HH | 504019  | 4725705  | 3.41%  | 0.077% |  |
| 404    | 17.500 | 17.491 | 17.518 | HH | 502158  | 8017728  | 5.78%  | 0.130% |  |

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/06/2021



|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
| 405 | 17.535 | 17.518 | 17.555 | HH | 510478 | 11146907 | 8.04%  | 0.181% |
| 406 | 17.566 | 17.555 | 17.572 | HH | 508640 | 4992050  |        |        |
| 407 | 17.574 | 17.572 | 17.594 | HH | 506100 | 6361629  |        |        |
| 408 | 17.613 | 17.594 | 17.617 | HH | 500185 | 6940689  |        |        |
| 409 | 17.632 | 17.617 | 17.667 | HH | 514313 | 14791453 | 10.12% | 0.228% |
| 410 | 17.681 | 17.667 | 17.686 | HH | 494860 | 5547882  | 7.37%  | 0.166% |
| 411 | 17.701 | 17.686 | 17.705 | HH | 499050 | 5523379  | 13.57% | 0.306% |
| 412 | 17.710 | 17.705 | 17.737 | HH | 504662 | 9368293  | 6.37%  | 0.144% |
| 413 | 17.766 | 17.737 | 17.787 | HH | 481063 | 14034966 | 7.58%  | 0.171% |
| 414 | 17.809 | 17.787 | 17.824 | HH | 476965 | 10229716 | 13.38% | 0.302% |
| 415 | 17.855 | 17.824 | 17.890 | HH | 488643 | 18824398 | 17.03% | 0.384% |
| 416 | 17.901 | 17.890 | 17.922 | HH | 472747 | 8834535  | 5.19%  | 0.117% |
| 417 | 17.933 | 17.922 | 17.961 | HH | 467623 | 10516250 | 2.28%  | 0.051% |
| 418 | 18.007 | 17.961 | 18.025 | HH | 507318 | 18564366 | 2.73%  | 0.062% |
| 419 | 18.051 | 18.025 | 18.106 | HH | 530908 | 23617661 | 14.29% | 0.323% |
| 420 | 18.111 | 18.106 | 18.132 | HH | 461488 | 7202536  | 7.12%  | 0.161% |
| 421 | 18.135 | 18.132 | 18.144 | HH | 445261 | 3161257  | 19.21% | 0.434% |
| 422 | 18.148 | 18.144 | 18.159 | HH | 437347 | 3783513  | 8.99%  | 0.203% |
| 423 | 18.195 | 18.159 | 18.230 | HH | 510086 | 19829536 | 6.90%  | 0.156% |
| 424 | 18.251 | 18.230 | 18.266 | HH | 471813 | 9881184  | 10.91% | 0.246% |
| 425 | 18.295 | 18.266 | 18.355 | HH | 618433 | 26642073 | 2.45%  | 0.055% |
| 426 | 18.380 | 18.355 | 18.401 | HH | 483907 | 12469715 | 2.83%  | 0.064% |
| 427 | 18.417 | 18.401 | 18.436 | HH | 474601 | 9566803  |        |        |
| 428 | 18.453 | 18.436 | 18.492 | HH | 485421 | 15132384 |        |        |
| 429 | 18.495 | 18.492 | 18.506 | HH | 428049 | 3392428  |        |        |
| 430 | 18.512 | 18.506 | 18.522 | HH | 414398 | 3930404  |        |        |
| 431 | 18.552 | 18.522 | 18.572 | HH | 601358 | 14856055 |        |        |
| 432 | 18.575 | 18.572 | 18.604 | HH | 422479 | 7739608  |        |        |
| 433 | 18.628 | 18.604 | 18.640 | HH | 421033 | 8794264  |        |        |
| 434 | 18.653 | 18.640 | 18.660 | HH | 433050 | 5114946  |        |        |
| 435 | 18.684 | 18.660 | 18.722 | HH | 461412 | 15801238 |        |        |
| 436 | 18.728 | 18.722 | 18.762 | HH | 402224 | 9589147  |        |        |
| 437 | 18.787 | 18.762 | 18.800 | HH | 410607 | 8962795  |        |        |
| 438 | 18.805 | 18.800 | 18.817 | HH | 406145 | 4119572  |        |        |
| 439 | 18.821 | 18.817 | 18.836 | HH | 393384 | 4485762  |        |        |
| 440 | 18.857 | 18.836 | 18.871 | HH | 409535 | 8267699  |        |        |
| 441 | 18.875 | 18.871 | 18.879 | HH | 391297 | 1962332  |        |        |
| 442 | 18.892 | 18.879 | 18.911 | HH | 393057 | 7302328  |        |        |
| 443 | 18.922 | 18.911 | 18.957 | HH | 395880 | 10812676 |        |        |
| 444 | 18.985 | 18.957 | 18.999 | HH | 405273 | 9877022  |        |        |
| 445 | 19.008 | 18.999 | 19.015 | HH | 384518 | 3734389  |        |        |
| 446 | 19.019 | 19.015 | 19.027 | HH | 384991 | 2654099  |        |        |
| 447 | 19.071 | 19.027 | 19.105 | HH | 428678 | 18968256 |        |        |
| 448 | 19.121 | 19.105 | 19.148 | HH | 411149 | 10297809 |        |        |
| 449 | 19.157 | 19.148 | 19.183 | HH | 405666 | 8195879  |        |        |
| 450 | 19.198 | 19.183 | 19.203 | HH | 378077 | 4491474  |        |        |
| 451 | 19.211 | 19.203 | 19.215 | HH | 379413 | 2680997  |        |        |
| 452 | 19.223 | 19.215 | 19.235 | HH | 388542 | 4601447  |        |        |
| 453 | 19.241 | 19.235 | 19.274 | HH | 385216 | 8588150  |        |        |
| 454 | 19.281 | 19.274 | 19.289 | HH | 375271 | 3433216  |        |        |
| 455 | 19.295 | 19.289 | 19.324 | HH | 371960 | 7619895  |        |        |
| 456 | 19.329 | 19.324 | 19.337 | HH | 367839 | 2912223  |        |        |

Instrument :

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FDR-20211202-WC-S

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/06/2021

|     |        |        |        |    | riteres |          |        |        |
|-----|--------|--------|--------|----|---------|----------|--------|--------|
| 457 | 19.342 | 19.337 | 19.348 | HH | 368521  | 2354541  | 1.70%  | 0.038% |
| 458 | 19.358 | 19.348 | 19.365 | HH | 371679  | 3868627  |        |        |
| 459 | 19.403 | 19.365 | 19.416 | HH | 376872  | 11168217 |        |        |
| 460 | 19.420 | 19.416 | 19.426 | HH | 377347  | 2216731  |        |        |
| 461 | 19.463 | 19.426 | 19.479 | HH | 404452  | 12430738 |        |        |
| 462 | 19.484 | 19.479 | 19.527 | HH | 381072  | 10710195 |        |        |
| 463 | 19.536 | 19.527 | 19.546 | HH | 366402  | 4070080  | 2.93%  | 0.066% |
| 464 | 19.565 | 19.546 | 19.580 | HH | 373172  | 7633951  | 5.50%  | 0.124% |
| 465 | 19.584 | 19.580 | 19.592 | HH | 361630  | 2509816  | 1.81%  | 0.041% |
| 466 | 19.632 | 19.592 | 19.660 | HH | 395902  | 15088069 | 10.88% | 0.246% |
| 467 | 19.717 | 19.660 | 19.755 | HH | 425669  | 21869227 | 15.77% | 0.356% |
| 468 | 19.781 | 19.755 | 19.811 | HH | 429731  | 13303210 | 9.59%  | 0.217% |
| 469 | 19.842 | 19.811 | 19.863 | HH | 400837  | 11888726 | 8.57%  | 0.193% |
| 470 | 19.871 | 19.863 | 19.876 | HH | 370742  | 2854285  | 2.06%  | 0.046% |
| 471 | 19.881 | 19.876 | 19.957 | HH | 374319  | 16989530 | 12.25% | 0.277% |
| 472 | 20.004 | 19.957 | 20.031 | HH | 374303  | 15699117 | 11.32% | 0.255% |
| 473 | 20.038 | 20.031 | 20.043 | HH | 346816  | 2385952  | 1.72%  | 0.039% |
| 474 | 20.099 | 20.043 | 20.142 | HH | 453796  | 22512158 | 16.23% | 0.366% |
| 475 | 20.165 | 20.142 | 20.188 | HH | 372410  | 9700356  | 6.99%  | 0.158% |
| 476 | 20.199 | 20.188 | 20.227 | HH | 363282  | 8301057  | 5.98%  | 0.135% |
| 477 | 20.234 | 20.227 | 20.286 | HH | 358775  | 12389869 | 8.93%  | 0.202% |
| 478 | 20.303 | 20.286 | 20.307 | HH | 346175  | 4247175  | 3.06%  | 0.069% |
| 479 | 20.310 | 20.307 | 20.324 | HH | 340353  | 3430402  | 2.47%  | 0.056% |
| 480 | 20.333 | 20.324 | 20.348 | HH | 339480  | 4884522  | 3.52%  | 0.079% |
| 481 | 20.384 | 20.348 | 20.407 | HH | 372476  | 12414450 | 8.95%  | 0.202% |
| 482 | 20.416 | 20.407 | 20.427 | HH | 348283  | 4038096  | 2.91%  | 0.066% |
| 483 | 20.430 | 20.427 | 20.435 | HH | 343651  | 1723121  | 1.24%  | 0.028% |
| 484 | 20.440 | 20.435 | 20.459 | HH | 340542  | 4703486  | 3.39%  | 0.077% |
| 485 | 20.473 | 20.459 | 20.479 | HH | 333186  | 4037151  | 2.91%  | 0.066% |
| 486 | 20.482 | 20.479 | 20.502 | HH | 333018  | 4446106  | 3.21%  | 0.072% |
| 487 | 20.514 | 20.502 | 20.526 | HH | 322111  | 4642136  | 3.35%  | 0.076% |
| 488 | 20.532 | 20.526 | 20.539 | HH | 318499  | 2419386  | 1.74%  | 0.039% |
| 489 | 20.544 | 20.539 | 20.563 | HH | 319702  | 4422054  | 3.19%  | 0.072% |
| 490 | 20.589 | 20.563 | 20.608 | HH | 322251  | 8387925  | 6.05%  | 0.137% |
| 491 | 20.617 | 20.608 | 20.637 | HH | 308952  | 5391445  | 3.89%  | 0.088% |
| 492 | 20.643 | 20.637 | 20.651 | HH | 299832  | 2386216  | 1.72%  | 0.039% |
| 493 | 20.670 | 20.651 | 20.680 | HH | 307153  | 5327491  | 3.84%  | 0.087% |
| 494 | 20.710 | 20.680 | 20.729 | HH | 308898  | 8809634  | 6.35%  | 0.143% |
| 495 | 20.755 | 20.729 | 20.771 | HH | 322563  | 7794278  | 5.62%  | 0.127% |
| 496 | 20.775 | 20.771 | 20.832 | HH | 317195  | 11002091 | 7.93%  | 0.179% |
| 497 | 20.836 | 20.832 | 20.850 | HH | 292549  | 3141051  | 2.26%  | 0.051% |
| 498 | 20.863 | 20.850 | 20.907 | HH | 284011  | 9504950  | 6.85%  | 0.155% |
| 499 | 20.912 | 20.907 | 20.919 | HH | 274597  | 1927321  | 1.39%  | 0.031% |
| 500 | 20.946 | 20.919 | 20.991 | HH | 297303  | 12135595 | 8.75%  | 0.198% |
| 501 | 20.996 | 20.991 | 21.000 | HH | 268819  | 1521272  | 1.10%  | 0.025% |
| 502 | 21.019 | 21.000 | 21.039 | HH | 278371  | 6243668  | 4.50%  | 0.102% |
| 503 | 21.043 | 21.039 | 21.093 | HH | 270798  | 8371040  | 6.03%  | 0.136% |
| 504 | 21.126 | 21.093 | 21.143 | HH | 259970  | 7647795  | 5.51%  | 0.124% |
| 505 | 21.175 | 21.143 | 21.204 | HH | 268426  | 9542242  | 6.88%  | 0.155% |
| 506 | 21.212 | 21.204 | 21.218 | HH | 253310  | 1986090  | 1.43%  | 0.032% |
| 507 | 21.223 | 21.218 | 21.229 | HH | 252854  | 1728855  | 1.25%  | 0.028% |
| 508 | 21.234 | 21.229 | 21.239 | HH | 247695  | 1442135  | 1.04%  | 0.023% |
| 509 | 21.246 | 21.239 | 21.271 | HH | 249877  | 4775843  | 3.44%  | 0.078% |

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Supervised By :mohammad ahmed 12/06/2021

|                         |        |        |        |     |            |          |       |        |
|-------------------------|--------|--------|--------|-----|------------|----------|-------|--------|
| 510                     | 21.273 | 21.271 | 21.315 | HH  | 245847     | 6194226  |       |        |
| 511                     | 21.328 | 21.315 | 21.339 | HH  | 239067     | 3357822  |       |        |
| 512                     | 21.349 | 21.339 | 21.360 | HH  | 240770     | 3024037  |       |        |
| 513                     | 21.371 | 21.360 | 21.375 | HH  | 246492     | 2246269  |       |        |
| 514                     | 21.380 | 21.375 | 21.403 | HH  | 250000     | 4029637  |       |        |
| 515                     | 21.408 | 21.403 | 21.422 | HH  | 245906     | 2773546  |       |        |
| 516                     | 21.427 | 21.422 | 21.449 | HH  | 236571     | 3716713  | 2.68% | 0.060% |
| 517                     | 21.479 | 21.449 | 21.517 | HH  | 246642     | 9659474  | 6.96% | 0.157% |
| 518                     | 21.542 | 21.517 | 21.563 | HH  | 241124     | 6587636  | 4.75% | 0.107% |
| 519                     | 21.588 | 21.563 | 21.644 | HH  | 248780     | 11347450 | 8.18% | 0.185% |
| 520                     | 21.651 | 21.644 | 21.660 | HH  | 227200     | 2237555  | 1.61% | 0.036% |
| 521                     | 21.667 | 21.660 | 21.671 | HH  | 224631     | 1369988  | 0.99% | 0.022% |
| 522                     | 21.678 | 21.671 | 21.710 | HH  | 226460     | 5285686  | 3.81% | 0.086% |
| 523                     | 21.717 | 21.710 | 21.729 | HH  | 218340     | 2433117  | 1.75% | 0.040% |
| 524                     | 21.749 | 21.729 | 21.770 | HH  | 218527     | 5298285  | 3.82% | 0.086% |
| 525                     | 21.774 | 21.770 | 21.787 | HH  | 219669     | 2123745  | 1.53% | 0.035% |
| 526                     | 21.794 | 21.787 | 21.805 | HH  | 216980     | 2337001  | 1.68% | 0.038% |
| 527                     | 21.810 | 21.805 | 21.817 | HH  | 217081     | 1497961  | 1.08% | 0.024% |
| 528                     | 21.825 | 21.817 | 21.859 | HH  | 214149     | 5234065  | 3.77% | 0.085% |
| 529                     | 21.866 | 21.859 | 21.870 | HH  | 210515     | 1440228  | 1.04% | 0.023% |
| 530                     | 21.905 | 21.870 | 21.911 | HH  | 231301     | 5275795  | 3.80% | 0.086% |
| 531                     | 21.916 | 21.911 | 21.953 | HH  | 232189     | 5578410  | 4.02% | 0.091% |
| 532                     | 21.959 | 21.953 | 21.965 | HH  | 211722     | 1576148  | 1.14% | 0.026% |
| 533                     | 21.996 | 21.965 | 22.000 | HHA | 223416     | 4686086  | 3.38% | 0.076% |
| Sum of corrected areas: |        |        |        |     | 6144488078 |          |       |        |

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4.47% 0.101%

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Supervised By :mohammad ahmed 12/06/2021

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