

Instrument :

FID\_C

ClientSampleId :

RBR251675

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC05212

Data File : FC068964.D

Signal(s) : FID1A.ch

Acq On : 21 May 2025 18:06

Sample : Q2097-05D

Misc :

ALS Vial : 15 Sample Multiplier: 1

Reviewed By :Yogesh Patel 05/22/2025

Supervised By :mohammad ahmed 05/23/2025

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050625.M

Title : GC Extractables

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         | 3.319       | 3.261        | 3.434      | BV       | 173            | 5944         | 0.03%          | 0.001%        |
| 2         | 3.447       | 3.434        | 3.491      | PV       | 165            | 2243         | 0.01%          | 0.000%        |
| 3         | 3.502       | 3.491        | 3.518      | PV       | 84             | 830          | 0.00%          | 0.000%        |
| 4         | 3.528       | 3.518        | 3.598      | PV       | 80             | 2202         | 0.01%          | 0.000%        |
| 5         | 3.601       | 3.598        | 3.610      | PV       | 730            | 1469         | 0.01%          | 0.000%        |
| 6         | 3.630       | 3.610        | 3.658      | VV       | 117            | 1861         | 0.01%          | 0.000%        |
| 7         | 3.691       | 3.658        | 3.728      | VV       | 186            | 4016         | 0.02%          | 0.001%        |
| 8         | 3.740       | 3.728        | 3.778      | VV       | 128            | 2114         | 0.01%          | 0.000%        |
| 9         | 3.826       | 3.778        | 3.867      | PV       | 626            | 8606         | 0.04%          | 0.001%        |
| 10        | 3.881       | 3.867        | 3.905      | PV       | 130            | 1355         | 0.01%          | 0.000%        |
| 11        | 3.924       | 3.905        | 3.984      | VV       | 497            | 6342         | 0.03%          | 0.001%        |
| 12        | 3.992       | 3.984        | 4.000      | VV       | 63             | 445          | 0.00%          | 0.000%        |
| 13        | 4.015       | 4.000        | 4.068      | VV       | 135            | 2707         | 0.01%          | 0.000%        |
| 14        | 4.088       | 4.068        | 4.114      | VV       | 1593           | 13931        | 0.07%          | 0.002%        |
| 15        | 4.120       | 4.114        | 4.151      | VV       | 170            | 2363         | 0.01%          | 0.000%        |
| 16        | 4.158       | 4.151        | 4.178      | VV       | 91             | 1164         | 0.01%          | 0.000%        |
| 17        | 4.199       | 4.178        | 4.258      | VV       | 156            | 4581         | 0.02%          | 0.001%        |
| 18        | 4.281       | 4.258        | 4.301      | VV       | 237            | 4173         | 0.02%          | 0.001%        |
| 19        | 4.322       | 4.301        | 4.342      | VV       | 177            | 3431         | 0.02%          | 0.000%        |
| 20        | 4.365       | 4.342        | 4.421      | VV       | 166            | 4966         | 0.02%          | 0.001%        |
| 21        | 4.428       | 4.421        | 4.458      | VV       | 107            | 2135         | 0.01%          | 0.000%        |
| 22        | 4.475       | 4.458        | 4.493      | VV       | 153            | 2433         | 0.01%          | 0.000%        |
| 23        | 4.517       | 4.493        | 4.548      | VV       | 320            | 6827         | 0.03%          | 0.001%        |
| 24        | 4.560       | 4.548        | 4.591      | VV       | 199            | 4272         | 0.02%          | 0.001%        |
| 25        | 4.609       | 4.591        | 4.631      | VV       | 244            | 3537         | 0.02%          | 0.000%        |
| 26        | 4.662       | 4.631        | 4.741      | VV       | 301            | 8206         | 0.04%          | 0.001%        |
| 27        | 4.772       | 4.741        | 4.788      | VV       | 143            | 2140         | 0.01%          | 0.000%        |
| 28        | 4.801       | 4.788        | 4.834      | VV       | 64             | 1416         | 0.01%          | 0.000%        |
| 29        | 4.847       | 4.834        | 4.863      | VV       | 92             | 1138         | 0.01%          | 0.000%        |
| 30        | 4.871       | 4.863        | 4.888      | VV       | 106            | 780          | 0.00%          | 0.000%        |
| 31        | 4.894       | 4.888        | 4.919      | VV       | 80             | 1174         | 0.01%          | 0.000%        |
| 32        | 4.929       | 4.919        | 4.951      | VV       | 100            | 1092         | 0.01%          | 0.000%        |
| 33        | 4.963       | 4.951        | 4.990      | PV       | 91             | 1567         | 0.01%          | 0.000%        |
| 34        | 4.998       | 4.990        | 5.032      | VV       | 137            | 1690         | 0.01%          | 0.000%        |
| 35        | 5.058       | 5.032        | 5.088      | VV       | 119            | 2530         | 0.01%          | 0.000%        |
| 36        | 5.092       | 5.088        | 5.097      | VV       | 149            | 643          | 0.00%          | 0.000%        |

|    |       |       |       |    |      |        |       |        |
|----|-------|-------|-------|----|------|--------|-------|--------|
| 37 | 5.106 | 5.097 | 5.140 | VV | 166  | 2830   | 0.01% | 0.000% |
| 38 | 5.150 | 5.140 | 5.191 | VV | 90   | 1780   | 0.00% | 0.000% |
| 39 | 5.222 | 5.191 | 5.278 | PV | 182  | 5328   | 0.00% | 0.000% |
| 40 | 5.292 | 5.278 | 5.308 | VV | 146  | 1431   | 0.00% | 0.000% |
| 41 | 5.328 | 5.308 | 5.341 | VV | 151  | 1497   | 0.00% | 0.000% |
| 42 | 5.375 | 5.341 | 5.432 | VV | 703  | 10969  | 0.00% | 0.000% |
| 43 | 5.454 | 5.432 | 5.471 | VV | 204  | 2822   | 0.01% | 0.000% |
| 44 | 5.486 | 5.471 | 5.498 | PV | 83   | 948    | 0.00% | 0.000% |
| 45 | 5.511 | 5.498 | 5.530 | VV | 59   | 908    | 0.00% | 0.000% |
| 46 | 5.583 | 5.530 | 5.611 | VV | 1726 | 21113  | 0.10% | 0.003% |
| 47 | 5.627 | 5.611 | 5.645 | VV | 269  | 3610   | 0.02% | 0.000% |
| 48 | 5.659 | 5.645 | 5.698 | VV | 203  | 3738   | 0.02% | 0.001% |
| 49 | 5.708 | 5.698 | 5.721 | VV | 139  | 879    | 0.00% | 0.000% |
| 50 | 5.747 | 5.721 | 5.783 | PV | 381  | 5776   | 0.03% | 0.001% |
| 51 | 5.809 | 5.783 | 5.818 | VV | 114  | 1736   | 0.01% | 0.000% |
| 52 | 5.857 | 5.818 | 5.872 | VV | 217  | 3204   | 0.02% | 0.000% |
| 53 | 5.882 | 5.872 | 5.889 | PV | 74   | 575    | 0.00% | 0.000% |
| 54 | 5.905 | 5.889 | 5.930 | VV | 200  | 2284   | 0.01% | 0.000% |
| 55 | 5.974 | 5.930 | 5.991 | VV | 165  | 3665   | 0.02% | 0.000% |
| 56 | 6.018 | 5.991 | 6.043 | VV | 140  | 2533   | 0.01% | 0.000% |
| 57 | 6.112 | 6.043 | 6.135 | PV | 1128 | 25126  | 0.12% | 0.003% |
| 58 | 6.158 | 6.135 | 6.172 | VV | 333  | 5770   | 0.03% | 0.001% |
| 59 | 6.185 | 6.172 | 6.201 | VV | 301  | 3921   | 0.02% | 0.001% |
| 60 | 6.217 | 6.201 | 6.234 | VV | 583  | 7117   | 0.03% | 0.001% |
| 61 | 6.259 | 6.234 | 6.276 | VV | 624  | 10096  | 0.05% | 0.001% |
| 62 | 6.299 | 6.276 | 6.326 | VV | 477  | 10169  | 0.05% | 0.001% |
| 63 | 6.355 | 6.326 | 6.374 | VV | 465  | 7694   | 0.04% | 0.001% |
| 64 | 6.385 | 6.374 | 6.408 | VV | 617  | 7507   | 0.04% | 0.001% |
| 65 | 6.421 | 6.408 | 6.444 | VV | 308  | 4910   | 0.02% | 0.001% |
| 66 | 6.471 | 6.444 | 6.489 | VV | 538  | 9647   | 0.05% | 0.001% |
| 67 | 6.506 | 6.489 | 6.551 | VV | 736  | 16665  | 0.08% | 0.002% |
| 68 | 6.563 | 6.551 | 6.582 | VV | 285  | 3886   | 0.02% | 0.001% |
| 69 | 6.609 | 6.582 | 6.631 | VV | 1411 | 19871  | 0.09% | 0.003% |
| 70 | 6.644 | 6.631 | 6.665 | VV | 729  | 11867  | 0.06% | 0.002% |
| 71 | 6.686 | 6.665 | 6.701 | VV | 1072 | 17072  | 0.08% | 0.002% |
| 72 | 6.722 | 6.701 | 6.730 | VV | 966  | 14573  | 0.07% | 0.002% |
| 73 | 6.743 | 6.730 | 6.775 | VV | 1202 | 19822  | 0.09% | 0.003% |
| 74 | 6.813 | 6.775 | 6.837 | VV | 1323 | 25277  | 0.12% | 0.003% |
| 75 | 6.878 | 6.837 | 6.900 | VV | 1443 | 36244  | 0.17% | 0.005% |
| 76 | 6.918 | 6.900 | 6.927 | VV | 1233 | 17070  | 0.08% | 0.002% |
| 77 | 6.947 | 6.927 | 6.968 | VV | 1293 | 27841  | 0.13% | 0.004% |
| 78 | 7.015 | 6.968 | 7.030 | VV | 2091 | 53821  | 0.25% | 0.007% |
| 79 | 7.046 | 7.030 | 7.061 | VV | 2472 | 37707  | 0.18% | 0.005% |
| 80 | 7.072 | 7.061 | 7.084 | VV | 2139 | 26708  | 0.13% | 0.004% |
| 81 | 7.104 | 7.084 | 7.133 | VV | 2609 | 64007  | 0.30% | 0.009% |
| 82 | 7.166 | 7.133 | 7.180 | VV | 2064 | 51258  | 0.24% | 0.007% |
| 83 | 7.199 | 7.180 | 7.225 | VV | 3553 | 74354  | 0.35% | 0.010% |
| 84 | 7.264 | 7.225 | 7.292 | VV | 3447 | 112528 | 0.53% | 0.015% |
| 85 | 7.303 | 7.292 | 7.318 | VV | 2667 | 36060  | 0.17% | 0.005% |
| 86 | 7.351 | 7.318 | 7.367 | VV | 4083 | 88578  | 0.42% | 0.012% |
| 87 | 7.383 | 7.367 | 7.410 | VV | 3571 | 82938  | 0.39% | 0.011% |
| 88 | 7.432 | 7.410 | 7.473 | VV | 4645 | 143420 | 0.68% | 0.019% |
| 89 | 7.489 | 7.473 | 7.502 | VV | 4338 | 67375  | 0.32% | 0.009% |

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Supervised By :mohammad ahmed 05/23/2025

|     |        |       |        |    |        |         |        |        |
|-----|--------|-------|--------|----|--------|---------|--------|--------|
| 90  | 7.519  | 7.502 | 7.530  | VV | 4300   | 67103   | 0.32%  | 0.009% |
| 91  | 7.557  | 7.530 | 7.576  | VV | 4655   | 120056  |        |        |
| 92  | 7.605  | 7.576 | 7.614  | VV | 5120   | 105711  |        |        |
| 93  | 7.648  | 7.614 | 7.714  | VV | 7674   | 349334  |        |        |
| 94  | 7.734  | 7.714 | 7.744  | VV | 6783   | 103344  |        |        |
| 95  | 7.858  | 7.835 | 7.878  | VV | 8322   | 194040  |        |        |
| 96  | 7.908  | 7.878 | 7.938  | VV | 15545  | 399074  | 1.89%  | 0.054% |
| 97  | 7.954  | 7.938 | 7.972  | VV | 11065  | 208404  | 0.99%  | 0.028% |
| 98  | 7.985  | 7.972 | 7.996  | VV | 9658   | 132682  | 0.63%  | 0.018% |
| 99  | 8.045  | 7.996 | 8.065  | VV | 14215  | 493311  | 2.34%  | 0.066% |
| 100 | 8.085  | 8.065 | 8.125  | VV | 24128  | 571826  | 2.71%  | 0.077% |
| 101 | 8.154  | 8.125 | 8.172  | VV | 17899  | 423950  | 2.01%  | 0.057% |
| 102 | 8.191  | 8.172 | 8.205  | VV | 17142  | 301085  | 1.43%  | 0.040% |
| 103 | 8.230  | 8.205 | 8.258  | VV | 20194  | 555826  | 2.63%  | 0.075% |
| 104 | 8.272  | 8.258 | 8.285  | VV | 17741  | 278988  | 1.32%  | 0.037% |
| 105 | 8.296  | 8.285 | 8.304  | VV | 17044  | 188917  | 0.89%  | 0.025% |
| 106 | 8.337  | 8.304 | 8.353  | VV | 22287  | 592067  | 2.80%  | 0.079% |
| 107 | 8.382  | 8.353 | 8.400  | VV | 21807  | 584241  | 2.77%  | 0.078% |
| 108 | 8.431  | 8.400 | 8.465  | VV | 23823  | 839751  | 3.98%  | 0.113% |
| 109 | 8.509  | 8.465 | 8.544  | VV | 83737  | 1831829 | 8.67%  | 0.246% |
| 110 | 8.564  | 8.544 | 8.579  | VV | 30822  | 574127  | 2.72%  | 0.077% |
| 111 | 8.614  | 8.579 | 8.627  | VV | 37747  | 974955  | 4.62%  | 0.131% |
| 112 | 8.692  | 8.678 | 8.712  | VV | 35605  | 684307  | 3.24%  | 0.092% |
| 113 | 8.740  | 8.712 | 8.764  | VV | 56874  | 1365435 | 6.46%  | 0.183% |
| 114 | 8.775  | 8.764 | 8.784  | VV | 37955  | 433822  | 2.05%  | 0.058% |
| 115 | 8.807  | 8.784 | 8.828  | VV | 115032 | 1826330 | 8.65%  | 0.245% |
| 116 | 8.845  | 8.828 | 8.853  | VV | 57372  | 778863  | 3.69%  | 0.104% |
| 117 | 8.871  | 8.853 | 8.895  | VV | 89997  | 1586827 | 7.51%  | 0.213% |
| 118 | 8.913  | 8.895 | 8.933  | VV | 48994  | 1030841 | 4.88%  | 0.138% |
| 119 | 8.974  | 8.933 | 8.987  | VV | 57591  | 1700031 | 8.05%  | 0.228% |
| 120 | 9.003  | 8.987 | 9.014  | VV | 60135  | 918687  | 4.35%  | 0.123% |
| 121 | 9.026  | 9.014 | 9.057  | VV | 61028  | 1436946 | 6.80%  | 0.193% |
| 122 | 9.092  | 9.057 | 9.124  | VV | 74578  | 2467300 | 11.68% | 0.331% |
| 123 | 9.138  | 9.124 | 9.174  | VV | 66356  | 1843219 | 8.73%  | 0.247% |
| 124 | 9.211  | 9.174 | 9.225  | VV | 68879  | 1868476 | 8.85%  | 0.251% |
| 125 | 9.250  | 9.225 | 9.279  | VV | 72140  | 2165586 | 10.25% | 0.291% |
| 126 | 9.321  | 9.279 | 9.346  | VV | 72936  | 2711430 | 12.84% | 0.364% |
| 127 | 9.399  | 9.346 | 9.412  | VV | 83166  | 2978527 | 14.10% | 0.400% |
| 128 | 9.420  | 9.412 | 9.438  | VV | 78699  | 1162799 | 5.51%  | 0.156% |
| 129 | 9.485  | 9.438 | 9.508  | VV | 107209 | 3895825 | 18.45% | 0.523% |
| 130 | 9.564  | 9.508 | 9.593  | VV | 181361 | 5743310 | 27.19% | 0.770% |
| 131 | 9.619  | 9.593 | 9.635  | VV | 120635 | 2640012 | 12.50% | 0.354% |
| 132 | 9.647  | 9.635 | 9.665  | VV | 110026 | 1839756 | 8.71%  | 0.247% |
| 133 | 9.675  | 9.665 | 9.681  | VV | 98490  | 957766  | 4.53%  | 0.128% |
| 134 | 9.702  | 9.681 | 9.718  | VV | 113219 | 2285959 | 10.82% | 0.307% |
| 135 | 9.733  | 9.718 | 9.752  | VV | 109322 | 2173933 | 10.29% | 0.292% |
| 136 | 9.768  | 9.752 | 9.777  | VV | 107797 | 1507049 | 7.14%  | 0.202% |
| 137 | 9.814  | 9.777 | 9.836  | VV | 143510 | 4176745 | 19.78% | 0.560% |
| 138 | 9.858  | 9.836 | 9.876  | VV | 118664 | 2712157 | 12.84% | 0.364% |
| 139 | 9.913  | 9.876 | 9.935  | VV | 125190 | 4286444 | 20.30% | 0.575% |
| 140 | 9.964  | 9.935 | 9.988  | VV | 129328 | 3987065 | 18.88% | 0.535% |
| 141 | 10.004 | 9.988 | 10.016 | VV | 132098 | 2136524 | 10.12% | 0.287% |

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/22/2025

Supervised By :mohammad ahmed 05/23/2025

|     |        |        |        |    |        |          |         |        |
|-----|--------|--------|--------|----|--------|----------|---------|--------|
|     |        |        |        |    |        |          |         |        |
|     |        |        |        |    | rters  |          |         |        |
| 142 | 10.048 | 10.016 | 10.091 | VV | 141356 | 6032202  | 28.56%  | 0.809% |
| 143 | 10.122 | 10.091 | 10.154 | VV | 152331 | 5376385  | 25.14%  | 0.712% |
| 144 | 10.187 | 10.154 | 10.203 | VV | 149867 | 4279378  | 20.32%  | 0.661% |
| 145 | 10.225 | 10.203 | 10.244 | VV | 156346 | 3715211  | 17.41%  | 0.947% |
|     |        |        |        |    |        |          |         |        |
| 146 | 10.283 | 10.244 | 10.311 | VV | 165675 | 6397984  | 30.72%  | 0.814% |
| 147 | 10.336 | 10.311 | 10.361 | VV | 212873 | 5658457  | 26.37%  | 1.370% |
| 148 | 10.394 | 10.361 | 10.407 | VV | 203658 | 5310494  | 25.14%  | 0.712% |
| 149 | 10.418 | 10.407 | 10.450 | VV | 206135 | 4925944  | 23.32%  | 0.661% |
| 150 | 10.487 | 10.450 | 10.512 | VV | 203434 | 7055853  | 33.41%  | 0.947% |
|     |        |        |        |    |        |          |         |        |
| 151 | 10.537 | 10.512 | 10.565 | VV | 200385 | 6065753  | 28.72%  | 0.814% |
| 152 | 10.605 | 10.565 | 10.648 | VV | 213754 | 10216068 | 48.37%  | 1.370% |
| 153 | 10.712 | 10.648 | 10.729 | VV | 261187 | 10728901 | 50.80%  | 1.439% |
| 154 | 10.761 | 10.729 | 10.787 | VV | 293743 | 8948221  | 42.37%  | 1.200% |
| 155 | 10.802 | 10.787 | 10.847 | VV | 260538 | 8708149  | 41.23%  | 1.168% |
|     |        |        |        |    |        |          |         |        |
| 156 | 10.859 | 10.847 | 10.870 | VV | 228804 | 3081417  | 14.59%  | 0.413% |
| 157 | 10.894 | 10.870 | 10.911 | VV | 249794 | 5805494  | 27.49%  | 0.779% |
| 158 | 10.931 | 10.911 | 10.951 | VV | 251020 | 5750612  | 27.23%  | 0.771% |
| 159 | 10.967 | 10.951 | 10.998 | VV | 254608 | 6900987  | 32.67%  | 0.926% |
| 160 | 11.020 | 10.998 | 11.036 | VV | 258078 | 5782742  | 27.38%  | 0.776% |
|     |        |        |        |    |        |          |         |        |
| 161 | 11.049 | 11.036 | 11.060 | VV | 251549 | 3537782  | 16.75%  | 0.475% |
| 162 | 11.083 | 11.060 | 11.106 | VV | 268781 | 7163441  | 33.92%  | 0.961% |
| 163 | 11.118 | 11.106 | 11.141 | VV | 264597 | 5396668  | 25.55%  | 0.724% |
| 164 | 11.176 | 11.141 | 11.195 | VV | 292053 | 8774974  | 41.55%  | 1.177% |
| 165 | 11.224 | 11.195 | 11.236 | VV | 282195 | 6856374  | 32.46%  | 0.920% |
|     |        |        |        |    |        |          |         |        |
| 166 | 11.250 | 11.236 | 11.274 | VV | 292201 | 6327482  | 29.96%  | 0.849% |
| 167 | 11.288 | 11.274 | 11.310 | VV | 279769 | 5944818  | 28.15%  | 0.797% |
| 168 | 11.371 | 11.310 | 11.409 | VV | 296168 | 16833965 | 79.70%  | 2.258% |
| 169 | 11.427 | 11.409 | 11.458 | VV | 281533 | 8060228  | 38.16%  | 1.081% |
| 170 | 11.484 | 11.458 | 11.512 | VV | 354534 | 9937497  | 47.05%  | 1.333% |
|     |        |        |        |    |        |          |         |        |
| 171 | 11.526 | 11.512 | 11.578 | VV | 286903 | 10976541 | 51.97%  | 1.472% |
| 172 | 11.593 | 11.578 | 11.604 | VV | 280144 | 4401437  | 20.84%  | 0.590% |
| 173 | 11.610 | 11.604 | 11.624 | VV | 280914 | 3310696  | 15.68%  | 0.444% |
| 174 | 11.635 | 11.624 | 11.651 | VV | 289415 | 4550933  | 21.55%  | 0.610% |
| 175 | 11.718 | 11.651 | 11.745 | VV | 747500 | 21120479 | 100.00% | 2.833% |
|     |        |        |        |    |        |          |         |        |
| 176 | 11.775 | 11.745 | 11.821 | VV | 303399 | 13055597 | 61.81%  | 1.751% |
| 177 | 11.866 | 11.821 | 11.884 | VV | 320236 | 11223910 | 53.14%  | 1.506% |
| 178 | 11.909 | 11.884 | 11.933 | VV | 320873 | 9006903  | 42.65%  | 1.208% |
| 179 | 11.949 | 11.933 | 12.007 | VV | 310530 | 13045657 | 61.77%  | 1.750% |
| 180 | 12.046 | 12.007 | 12.074 | VV | 330310 | 12188151 | 57.71%  | 1.635% |
|     |        |        |        |    |        |          |         |        |
| 181 | 12.086 | 12.074 | 12.113 | VV | 295173 | 6715357  | 31.80%  | 0.901% |
| 182 | 12.140 | 12.113 | 12.158 | VV | 283367 | 7283248  | 34.48%  | 0.977% |
| 183 | 12.172 | 12.158 | 12.188 | VV | 294013 | 5153586  | 24.40%  | 0.691% |
| 184 | 12.197 | 12.188 | 12.247 | VV | 291072 | 9769778  | 46.26%  | 1.311% |
| 185 | 12.261 | 12.247 | 12.274 | VV | 275646 | 4460367  | 21.12%  | 0.598% |
|     |        |        |        |    |        |          |         |        |
| 186 | 12.306 | 12.274 | 12.367 | VV | 315599 | 15474314 | 73.27%  | 2.076% |
| 187 | 12.382 | 12.367 | 12.398 | VV | 282548 | 5145443  | 24.36%  | 0.690% |
| 188 | 12.406 | 12.398 | 12.438 | VV | 270453 | 6294297  | 29.80%  | 0.844% |
| 189 | 12.451 | 12.438 | 12.468 | VV | 268631 | 4785130  | 22.66%  | 0.642% |
| 190 | 12.478 | 12.468 | 12.521 | VV | 264373 | 8324510  | 39.41%  | 1.117% |
|     |        |        |        |    |        |          |         |        |
| 191 | 12.562 | 12.521 | 12.591 | VV | 270778 | 10914696 | 51.68%  | 1.464% |
| 192 | 12.593 | 12.591 | 12.604 | VV | 259435 | 2051985  | 9.72%   | 0.275% |
| 193 | 12.625 | 12.604 | 12.642 | VV | 272169 | 5863180  | 27.76%  | 0.787% |
| 194 | 12.658 | 12.642 | 12.682 | VV | 266356 | 6271505  | 29.69%  | 0.841% |

Instrument :

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ClientSampleId :

RBR251675

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/22/2025

Supervised By :mohammad ahmed 05/23/2025

Instrument :

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/22/2025

Supervised By :mohammad ahmed 05/23/2025

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
| 195 | 12.704 | 12.682 | 12.744 | VV | 257139 | 9104792  | 43.11% | 1.221% |
| 196 | 12.763 | 12.744 | 12.784 | VV | 251033 | 5828278  | 27.52% | 0.780% |
| 197 | 12.812 | 12.784 | 12.877 | VV | 246015 | 13157114 | 62.61% | 1.859% |
| 198 | 12.898 | 12.877 | 12.918 | VV | 230574 | 5494267  | 26.81% | 0.818% |
| 199 | 12.935 | 12.918 | 12.960 | VV | 225715 | 5651763  | 26.81% | 0.818% |
| 200 | 12.975 | 12.960 | 13.011 | VV | 221185 | 6656675  | 31.53% | 0.948% |
| 201 | 13.028 | 13.011 | 13.075 | VV | 227287 | 8408212  | 39.81% | 1.128% |
| 202 | 13.094 | 13.075 | 13.107 | VV | 213978 | 3982417  | 18.86% | 0.534% |
| 203 | 13.150 | 13.107 | 13.183 | VV | 550412 | 13856435 | 65.61% | 1.859% |
| 204 | 13.204 | 13.183 | 13.304 | VV | 225619 | 15120223 | 71.59% | 2.028% |
| 205 | 13.325 | 13.304 | 13.349 | VV | 199983 | 5261025  | 24.91% | 0.706% |
| 206 | 13.370 | 13.349 | 13.388 | VV | 201247 | 4547371  | 21.53% | 0.610% |
| 207 | 13.403 | 13.388 | 13.440 | VV | 193546 | 5812921  | 27.52% | 0.780% |
| 208 | 13.456 | 13.440 | 13.476 | VV | 189474 | 4041640  | 19.14% | 0.542% |
| 209 | 13.495 | 13.476 | 13.514 | VV | 187413 | 4168874  | 19.74% | 0.559% |
| 210 | 13.539 | 13.514 | 13.613 | VV | 200287 | 10851026 | 51.38% | 1.456% |
| 211 | 13.629 | 13.613 | 13.681 | VV | 180993 | 7067803  | 33.46% | 0.948% |
| 212 | 13.701 | 13.681 | 13.741 | VV | 169234 | 5958233  | 28.21% | 0.799% |
| 213 | 13.757 | 13.741 | 13.786 | VV | 171252 | 4500017  | 21.31% | 0.604% |
| 214 | 13.804 | 13.786 | 13.850 | VV | 163679 | 6096861  | 28.87% | 0.818% |
| 215 | 13.859 | 13.850 | 13.888 | VV | 153347 | 3356158  | 15.89% | 0.450% |
| 216 | 13.893 | 13.888 | 13.918 | VV | 148717 | 2632130  | 12.46% | 0.353% |
| 217 | 13.927 | 13.918 | 13.948 | VV | 146803 | 2607326  | 12.35% | 0.350% |
| 218 | 13.963 | 13.948 | 13.978 | VV | 146400 | 2630071  | 12.45% | 0.353% |
| 219 | 13.987 | 13.978 | 14.014 | VV | 139797 | 2984793  | 14.13% | 0.400% |
| 220 | 14.036 | 14.014 | 14.108 | VV | 146857 | 7698943  | 36.45% | 1.033% |
| 221 | 14.128 | 14.108 | 14.157 | VV | 141734 | 4020966  | 19.04% | 0.539% |
| 222 | 14.197 | 14.157 | 14.253 | VV | 135730 | 7359886  | 34.85% | 0.987% |
| 223 | 14.286 | 14.253 | 14.324 | VV | 124215 | 5070585  | 24.01% | 0.680% |
| 224 | 14.337 | 14.324 | 14.360 | VV | 115277 | 2396244  | 11.35% | 0.321% |
| 225 | 14.373 | 14.360 | 14.404 | VV | 114158 | 2902706  | 13.74% | 0.389% |
| 226 | 14.418 | 14.404 | 14.442 | VV | 111326 | 2495933  | 11.82% | 0.335% |
| 227 | 14.469 | 14.442 | 14.511 | VV | 105117 | 4190998  | 19.84% | 0.562% |
| 228 | 14.530 | 14.511 | 14.541 | VV | 104360 | 1831493  | 8.67%  | 0.246% |
| 229 | 14.550 | 14.541 | 14.565 | VV | 103270 | 1505731  | 7.13%  | 0.202% |
| 230 | 14.585 | 14.565 | 14.667 | VV | 104088 | 5893566  | 27.90% | 0.791% |
| 231 | 14.679 | 14.667 | 14.691 | VV | 91643  | 1272601  | 6.03%  | 0.171% |
| 232 | 14.708 | 14.691 | 14.731 | VV | 90655  | 2154148  | 10.20% | 0.289% |
| 233 | 14.736 | 14.731 | 14.791 | VV | 89905  | 3039445  | 14.39% | 0.408% |
| 234 | 14.809 | 14.791 | 14.872 | VV | 83173  | 3846608  | 18.21% | 0.516% |
| 235 | 14.895 | 14.872 | 14.912 | VV | 77015  | 1813628  | 8.59%  | 0.243% |
| 236 | 14.920 | 14.912 | 14.968 | VV | 74613  | 2392547  | 11.33% | 0.321% |
| 237 | 14.988 | 14.968 | 14.998 | VV | 69997  | 1235926  | 5.85%  | 0.166% |
| 238 | 15.008 | 14.998 | 15.024 | VV | 71089  | 1114444  | 5.28%  | 0.150% |
| 239 | 15.039 | 15.024 | 15.120 | VV | 69847  | 3773931  | 17.87% | 0.506% |
| 240 | 15.143 | 15.120 | 15.181 | VV | 70857  | 2337853  | 11.07% | 0.314% |
| 241 | 15.196 | 15.181 | 15.213 | VV | 59196  | 1111565  | 5.26%  | 0.149% |
| 242 | 15.230 | 15.213 | 15.304 | VV | 56995  | 2990480  | 14.16% | 0.401% |
| 243 | 15.320 | 15.304 | 15.353 | VV | 53618  | 1534669  | 7.27%  | 0.206% |
| 244 | 15.377 | 15.353 | 15.420 | VV | 62993  | 2158145  | 10.22% | 0.290% |
| 245 | 15.438 | 15.420 | 15.470 | VV | 48442  | 1414612  | 6.70%  | 0.190% |
| 246 | 15.483 | 15.470 | 15.498 | VV | 46478  | 747259   | 3.54%  | 0.100% |

|     |        |        |        |    |       |         |        |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
|     |        |        |        |    |       |         |        |        |
|     |        |        |        |    | rters |         |        |        |
| 247 | 15.519 | 15.498 | 15.564 | VV | 48250 | 1829864 | 8.66%  | 0.245% |
| 248 | 15.571 | 15.564 | 15.644 | VV | 45140 | 1947975 |        |        |
| 249 | 15.669 | 15.644 | 15.724 | VV | 38609 | 1726737 |        |        |
| 250 | 15.740 | 15.724 | 15.754 | VV | 34911 | 626675  |        |        |
|     |        |        |        |    |       |         |        |        |
| 251 | 15.760 | 15.754 | 15.774 | VV | 34183 | 390598  |        |        |
| 252 | 15.788 | 15.774 | 15.811 | VV | 34080 | 746765  |        |        |
| 253 | 15.835 | 15.811 | 15.964 | VV | 34374 | 2842292 | 13.46% | 0.381% |
| 254 | 15.985 | 15.964 | 15.997 | VV | 28414 | 549271  | 2.60%  | 0.074% |
| 255 | 16.018 | 15.997 | 16.038 | VV | 28414 | 667485  | 3.16%  | 0.090% |
|     |        |        |        |    |       |         |        |        |
| 256 | 16.049 | 16.038 | 16.101 | VV | 27444 | 975193  | 4.62%  | 0.131% |
| 257 | 16.117 | 16.101 | 16.141 | VV | 24404 | 564046  | 2.67%  | 0.076% |
| 258 | 16.153 | 16.141 | 16.204 | VV | 22963 | 845714  | 4.00%  | 0.113% |
| 259 | 16.220 | 16.204 | 16.298 | VV | 23467 | 1199996 | 5.68%  | 0.161% |
| 260 | 16.330 | 16.298 | 16.371 | VV | 21327 | 871609  | 4.13%  | 0.117% |
|     |        |        |        |    |       |         |        |        |
| 261 | 16.391 | 16.371 | 16.448 | VV | 22566 | 886846  | 4.20%  | 0.119% |
| 262 | 16.498 | 16.448 | 16.561 | VV | 19647 | 1130999 | 5.35%  | 0.152% |
| 263 | 16.581 | 16.561 | 16.671 | VV | 15190 | 935145  | 4.43%  | 0.125% |
| 264 | 16.674 | 16.671 | 16.690 | VV | 14084 | 156720  | 0.74%  | 0.021% |
| 265 | 16.708 | 16.690 | 16.768 | VV | 13582 | 600955  | 2.85%  | 0.081% |
|     |        |        |        |    |       |         |        |        |
| 266 | 16.783 | 16.768 | 16.921 | VV | 12360 | 1032912 | 4.89%  | 0.139% |
| 267 | 16.968 | 16.921 | 16.990 | VV | 12810 | 443955  | 2.10%  | 0.060% |
| 268 | 17.006 | 16.990 | 17.074 | VV | 10416 | 471984  | 2.23%  | 0.063% |
| 269 | 17.089 | 17.074 | 17.145 | VV | 8756  | 344627  | 1.63%  | 0.046% |
| 270 | 17.155 | 17.145 | 17.162 | VV | 7675  | 77076   | 0.36%  | 0.010% |
|     |        |        |        |    |       |         |        |        |
| 271 | 17.225 | 17.162 | 17.268 | VV | 8898  | 489088  | 2.32%  | 0.066% |
| 272 | 17.303 | 17.268 | 17.315 | VV | 7574  | 195129  | 0.92%  | 0.026% |
| 273 | 17.334 | 17.315 | 17.377 | VV | 8310  | 266736  | 1.26%  | 0.036% |
| 274 | 17.417 | 17.377 | 17.448 | VV | 12432 | 340927  | 1.61%  | 0.046% |
| 275 | 17.458 | 17.448 | 17.485 | VV | 5215  | 112963  | 0.53%  | 0.015% |
|     |        |        |        |    |       |         |        |        |
| 276 | 17.501 | 17.485 | 17.520 | VV | 5400  | 103569  | 0.49%  | 0.014% |
| 277 | 17.548 | 17.520 | 17.579 | VV | 5347  | 174953  | 0.83%  | 0.023% |
| 278 | 17.593 | 17.579 | 17.614 | VV | 4361  | 87471   | 0.41%  | 0.012% |
| 279 | 17.628 | 17.614 | 17.668 | VV | 4107  | 127318  | 0.60%  | 0.017% |
| 280 | 17.697 | 17.668 | 17.742 | VV | 4035  | 160782  | 0.76%  | 0.022% |
|     |        |        |        |    |       |         |        |        |
| 281 | 17.810 | 17.742 | 17.828 | VV | 4341  | 188686  | 0.89%  | 0.025% |
| 282 | 17.854 | 17.828 | 17.898 | VV | 6913  | 177563  | 0.84%  | 0.024% |
| 283 | 17.944 | 17.898 | 17.990 | VV | 4659  | 173675  | 0.82%  | 0.023% |
| 284 | 18.015 | 17.990 | 18.031 | VV | 4009  | 80171   | 0.38%  | 0.011% |
| 285 | 18.045 | 18.031 | 18.068 | VV | 3275  | 64770   | 0.31%  | 0.009% |
|     |        |        |        |    |       |         |        |        |
| 286 | 18.088 | 18.068 | 18.116 | VV | 2553  | 66866   | 0.32%  | 0.009% |
| 287 | 18.133 | 18.116 | 18.150 | VV | 2221  | 42257   | 0.20%  | 0.006% |
| 288 | 18.162 | 18.150 | 18.170 | VV | 2176  | 25435   | 0.12%  | 0.003% |
| 289 | 18.214 | 18.170 | 18.254 | VV | 9881  | 266012  | 1.26%  | 0.036% |
| 290 | 18.278 | 18.254 | 18.328 | VV | 11328 | 211373  | 1.00%  | 0.028% |
|     |        |        |        |    |       |         |        |        |
| 291 | 18.380 | 18.328 | 18.431 | VV | 3555  | 119441  | 0.57%  | 0.016% |
| 292 | 18.445 | 18.431 | 18.463 | VV | 1208  | 21728   | 0.10%  | 0.003% |
| 293 | 18.495 | 18.463 | 18.517 | VV | 2009  | 48116   | 0.23%  | 0.006% |
| 294 | 18.536 | 18.517 | 18.571 | VV | 1411  | 40830   | 0.19%  | 0.005% |
| 295 | 18.579 | 18.571 | 18.617 | VV | 1270  | 29777   | 0.14%  | 0.004% |
|     |        |        |        |    |       |         |        |        |
| 296 | 18.638 | 18.617 | 18.649 | VV | 1376  | 22735   | 0.11%  | 0.003% |
| 297 | 18.686 | 18.649 | 18.739 | VV | 4949  | 116933  | 0.55%  | 0.016% |
| 298 | 18.785 | 18.739 | 18.837 | VV | 3347  | 106227  | 0.50%  | 0.014% |
| 299 | 18.854 | 18.837 | 18.894 | VV | 1542  | 39238   | 0.19%  | 0.005% |

Instrument :

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RBR251675

8.66% 0.245%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/22/2025

Supervised By :mohammad ahmed 05/23/2025

|     |        |        |        |    |      |        |       |        |
|-----|--------|--------|--------|----|------|--------|-------|--------|
| 300 | 18.900 | 18.894 | 18.918 | VV | 875  | 11136  | 0.05% | 0.001% |
| 301 | 18.982 | 18.918 | 19.001 | VV | 1397 | 54439  |       |        |
| 302 | 19.048 | 19.001 | 19.071 | VV | 8677 | 187188 |       |        |
| 303 | 19.086 | 19.071 | 19.151 | VV | 5394 | 145476 |       |        |
| 304 | 19.180 | 19.151 | 19.202 | VV | 1729 | 47504  |       |        |
| 305 | 19.227 | 19.202 | 19.253 | VV | 2771 | 59829  |       |        |
| 306 | 19.288 | 19.253 | 19.311 | VV | 2059 | 53342  | 0.25% | 0.007% |
| 307 | 19.336 | 19.311 | 19.364 | VV | 2021 | 49741  | 0.24% | 0.007% |
| 308 | 19.384 | 19.364 | 19.424 | VV | 1438 | 44690  | 0.21% | 0.006% |
| 309 | 19.472 | 19.424 | 19.498 | VV | 3782 | 91146  | 0.43% | 0.012% |
| 310 | 19.543 | 19.498 | 19.559 | VV | 2620 | 69096  | 0.33% | 0.009% |
| 311 | 19.580 | 19.559 | 19.622 | VV | 2941 | 77932  | 0.37% | 0.010% |
| 312 | 19.652 | 19.622 | 19.691 | VV | 2173 | 70281  | 0.33% | 0.009% |
| 313 | 19.712 | 19.691 | 19.723 | VV | 1662 | 29911  | 0.14% | 0.004% |
| 314 | 19.762 | 19.723 | 19.790 | VV | 2103 | 73780  | 0.35% | 0.010% |
| 315 | 19.845 | 19.790 | 19.929 | VV | 4434 | 216983 | 1.03% | 0.029% |
| 316 | 19.954 | 19.929 | 19.970 | VV | 2096 | 48955  | 0.23% | 0.007% |
| 317 | 20.038 | 19.970 | 20.049 | VV | 2539 | 109853 | 0.52% | 0.015% |
| 318 | 20.074 | 20.049 | 20.086 | VV | 3318 | 65632  | 0.31% | 0.009% |
| 319 | 20.100 | 20.086 | 20.130 | VV | 3460 | 80961  | 0.38% | 0.011% |
| 320 | 20.169 | 20.130 | 20.188 | VV | 2823 | 91124  | 0.43% | 0.012% |
| 321 | 20.211 | 20.188 | 20.247 | VV | 4382 | 119883 | 0.57% | 0.016% |
| 322 | 20.276 | 20.247 | 20.284 | VV | 2880 | 62581  | 0.30% | 0.008% |
| 323 | 20.331 | 20.284 | 20.342 | VV | 3109 | 101888 | 0.48% | 0.014% |
| 324 | 20.379 | 20.342 | 20.423 | VV | 6834 | 200635 | 0.95% | 0.027% |
| 325 | 20.445 | 20.423 | 20.474 | VV | 3293 | 98034  | 0.46% | 0.013% |
| 326 | 20.488 | 20.474 | 20.510 | VV | 3208 | 65880  | 0.31% | 0.009% |
| 327 | 20.577 | 20.510 | 20.664 | VV | 4226 | 307242 | 1.45% | 0.041% |
| 328 | 20.670 | 20.664 | 20.691 | VV | 2836 | 45252  | 0.21% | 0.006% |
| 329 | 20.702 | 20.691 | 20.734 | VV | 2861 | 72078  | 0.34% | 0.010% |
| 330 | 20.756 | 20.734 | 20.878 | VV | 2942 | 227609 | 1.08% | 0.031% |
| 331 | 20.887 | 20.878 | 20.925 | VV | 2526 | 67038  | 0.32% | 0.009% |
| 332 | 20.983 | 20.925 | 21.030 | VV | 3189 | 156929 | 0.74% | 0.021% |
| 333 | 21.061 | 21.030 | 21.139 | VV | 2188 | 132418 | 0.63% | 0.018% |
| 334 | 21.148 | 21.139 | 21.194 | VV | 1902 | 60456  | 0.29% | 0.008% |
| 335 | 21.209 | 21.194 | 21.221 | VV | 1869 | 28979  | 0.14% | 0.004% |
| 336 | 21.259 | 21.221 | 21.275 | VV | 1808 | 55760  | 0.26% | 0.007% |
| 337 | 21.310 | 21.275 | 21.331 | VV | 1812 | 56527  | 0.27% | 0.008% |
| 338 | 21.336 | 21.331 | 21.376 | VV | 1676 | 42276  | 0.20% | 0.006% |
| 339 | 21.441 | 21.376 | 21.512 | VV | 1977 | 126151 | 0.60% | 0.017% |
| 340 | 21.545 | 21.512 | 21.582 | VV | 1351 | 52374  | 0.25% | 0.007% |
| 341 | 21.644 | 21.582 | 21.658 | VV | 1287 | 55140  | 0.26% | 0.007% |
| 342 | 21.662 | 21.658 | 21.672 | VV | 1238 | 10329  | 0.05% | 0.001% |
| 343 | 21.692 | 21.672 | 21.888 | VV | 1240 | 121073 | 0.57% | 0.016% |
| 344 | 21.956 | 21.888 | 22.004 | VV | 1308 | 62185  | 0.29% | 0.008% |
| 345 | 22.029 | 22.004 | 22.082 | VV | 734  | 29155  | 0.14% | 0.004% |
| 346 | 22.089 | 22.082 | 22.117 | VV | 563  | 10254  | 0.05% | 0.001% |
| 347 | 22.128 | 22.117 | 22.168 | VV | 468  | 13005  | 0.06% | 0.002% |
| 348 | 22.174 | 22.168 | 22.182 | VV | 435  | 3415   | 0.02% | 0.000% |
| 349 | 22.250 | 22.182 | 22.448 | VV | 549  | 47179  | 0.22% | 0.006% |

Sum of corrected areas: 745446889

Instrument :

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ClientSampleId :

RBR251675

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/22/2025

Supervised By :mohammad ahmed 05/23/2025

Aliphatic EPH 050625.M Thu May 22 08:21:12 2025 rteres

Instrument :  
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/22/2025  
Supervised By :mohammad ahmed 05/23/2025