

rteres

Instrument :

FID\_C

ClientSampleId :

DISP-1-D

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC04132

Data File : FC059249.D

Signal(s) : FID1A.CH

Acq On : 15 Apr 2022 4:26

Sample : N2401-13

Misc :

ALS Vial : 15 Sample Multiplier: 1

Reviewed By :Yogesh Patel 04/15/2022

Supervised By :mohammad ahmed 04/18/2022

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 032522.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         | 2.959       | 2.905        | 3.004      | BV       | 227            | 5593         | 0.14%          | 0.008%        |
| 2         | 3.023       | 3.004        | 3.031      | VV       | 232            | 2933         | 0.07%          | 0.004%        |
| 3         | 3.044       | 3.031        | 3.084      | VV       | 425            | 7637         | 0.19%          | 0.011%        |
| 4         | 3.129       | 3.084        | 3.198      | PV       | 418            | 18211        | 0.44%          | 0.025%        |
| 5         | 3.206       | 3.198        | 3.235      | VV       | 317            | 5545         | 0.13%          | 0.008%        |
| 6         | 3.276       | 3.235        | 3.289      | VV       | 468            | 9104         | 0.22%          | 0.013%        |
| 7         | 3.303       | 3.289        | 3.320      | VV       | 324            | 4800         | 0.12%          | 0.007%        |
| 8         | 3.332       | 3.320        | 3.340      | VV       | 354            | 3613         | 0.09%          | 0.005%        |
| 9         | 3.381       | 3.340        | 3.417      | VV       | 454            | 16001        | 0.39%          | 0.022%        |
| 10        | 3.430       | 3.417        | 3.444      | VV       | 263            | 2387         | 0.06%          | 0.003%        |
| 11        | 3.479       | 3.444        | 3.504      | VV       | 362            | 10254        | 0.25%          | 0.014%        |
| 12        | 3.516       | 3.504        | 3.538      | VV       | 344            | 6958         | 0.17%          | 0.010%        |
| 13        | 3.555       | 3.538        | 3.572      | VV       | 521            | 7459         | 0.18%          | 0.010%        |
| 14        | 3.610       | 3.572        | 3.701      | VV       | 691            | 23647        | 0.57%          | 0.033%        |
| 15        | 3.733       | 3.701        | 3.748      | VV       | 419            | 9336         | 0.23%          | 0.013%        |
| 16        | 3.787       | 3.748        | 3.820      | VV       | 499            | 17551        | 0.43%          | 0.024%        |
| 17        | 3.848       | 3.820        | 3.880      | VV       | 569            | 16866        | 0.41%          | 0.023%        |
| 18        | 3.902       | 3.880        | 3.945      | VV       | 607            | 17382        | 0.42%          | 0.024%        |
| 19        | 3.951       | 3.945        | 3.983      | VV       | 440            | 8099         | 0.20%          | 0.011%        |
| 20        | 4.008       | 3.983        | 4.022      | VV       | 517            | 9439         | 0.23%          | 0.013%        |
| 21        | 4.042       | 4.022        | 4.054      | VV       | 539            | 8140         | 0.20%          | 0.011%        |
| 22        | 4.069       | 4.054        | 4.100      | VV       | 567            | 13354        | 0.32%          | 0.019%        |
| 23        | 4.118       | 4.100        | 4.148      | VV       | 618            | 16400        | 0.40%          | 0.023%        |
| 24        | 4.168       | 4.148        | 4.201      | VV       | 863            | 23494        | 0.57%          | 0.033%        |
| 25        | 4.213       | 4.201        | 4.241      | VV       | 610            | 14114        | 0.34%          | 0.020%        |
| 26        | 4.252       | 4.241        | 4.268      | VV       | 661            | 9202         | 0.22%          | 0.013%        |
| 27        | 4.280       | 4.268        | 4.338      | VV       | 830            | 22538        | 0.55%          | 0.031%        |
| 28        | 4.348       | 4.338        | 4.357      | VV       | 404            | 4258         | 0.10%          | 0.006%        |
| 29        | 4.374       | 4.357        | 4.411      | VV       | 671            | 12095        | 0.29%          | 0.017%        |
| 30        | 4.418       | 4.411        | 4.454      | VV       | 351            | 5737         | 0.14%          | 0.008%        |
| 31        | 4.472       | 4.454        | 4.518      | VV       | 401            | 9711         | 0.24%          | 0.013%        |
| 32        | 4.569       | 4.518        | 4.615      | VV       | 775            | 27155        | 0.66%          | 0.038%        |
| 33        | 4.626       | 4.615        | 4.665      | VV       | 636            | 14693        | 0.36%          | 0.020%        |
| 34        | 4.678       | 4.665        | 4.751      | VV       | 659            | 13600        | 0.33%          | 0.019%        |
| 35        | 4.794       | 4.751        | 4.814      | VV       | 338            | 7278         | 0.18%          | 0.010%        |
| 36        | 4.828       | 4.814        | 4.854      | VV       | 291            | 5571         | 0.14%          | 0.008%        |

|    |       |       |       |    |      |       |       |        |
|----|-------|-------|-------|----|------|-------|-------|--------|
| 37 | 4.890 | 4.854 | 4.903 | VV | 511  | 11303 | 0.27% | 0.016% |
| 38 | 4.913 | 4.903 | 4.999 | VV | 531  | 20712 | 0.27% | 0.016% |
| 39 | 5.029 | 4.999 | 5.043 | VV | 472  | 9895  | 0.27% | 0.016% |
| 40 | 5.061 | 5.043 | 5.087 | VV | 447  | 10370 | 0.27% | 0.016% |
| 41 | 5.101 | 5.087 | 5.118 | VV | 418  | 6926  | 0.18% | 0.010% |
| 42 | 5.135 | 5.118 | 5.178 | VV | 485  | 14416 | 0.28% | 0.016% |
| 43 | 5.183 | 5.178 | 5.215 | VV | 374  | 7510  | 0.18% | 0.010% |
| 44 | 5.238 | 5.215 | 5.270 | VV | 428  | 11463 | 0.28% | 0.016% |
| 45 | 5.297 | 5.270 | 5.318 | VV | 571  | 12555 | 0.30% | 0.017% |
| 46 | 5.384 | 5.318 | 5.410 | VV | 604  | 25394 | 0.62% | 0.035% |
| 47 | 5.430 | 5.410 | 5.456 | VV | 475  | 11414 | 0.28% | 0.016% |
| 48 | 5.477 | 5.456 | 5.506 | VV | 491  | 11499 | 0.28% | 0.016% |
| 49 | 5.521 | 5.506 | 5.540 | VV | 383  | 6770  | 0.16% | 0.009% |
| 50 | 5.552 | 5.540 | 5.612 | VV | 494  | 16825 | 0.41% | 0.023% |
| 51 | 5.629 | 5.612 | 5.658 | VV | 446  | 9558  | 0.23% | 0.013% |
| 52 | 5.664 | 5.658 | 5.678 | VV | 346  | 3920  | 0.10% | 0.005% |
| 53 | 5.737 | 5.678 | 5.765 | VV | 1061 | 29366 | 0.71% | 0.041% |
| 54 | 5.806 | 5.765 | 5.848 | VV | 699  | 22064 | 0.54% | 0.031% |
| 55 | 5.893 | 5.848 | 5.908 | VV | 532  | 14306 | 0.35% | 0.020% |
| 56 | 5.974 | 5.908 | 5.995 | VV | 639  | 24146 | 0.59% | 0.034% |
| 57 | 6.010 | 5.995 | 6.048 | VV | 681  | 15605 | 0.38% | 0.022% |
| 58 | 6.057 | 6.048 | 6.081 | VV | 591  | 8607  | 0.21% | 0.012% |
| 59 | 6.097 | 6.081 | 6.120 | VV | 453  | 9252  | 0.22% | 0.013% |
| 60 | 6.134 | 6.120 | 6.194 | VV | 546  | 14687 | 0.36% | 0.020% |
| 61 | 6.233 | 6.194 | 6.251 | PV | 448  | 9248  | 0.22% | 0.013% |
| 62 | 6.282 | 6.251 | 6.321 | VV | 518  | 17184 | 0.42% | 0.024% |
| 63 | 6.337 | 6.321 | 6.350 | VV | 435  | 6273  | 0.15% | 0.009% |
| 64 | 6.366 | 6.350 | 6.375 | VV | 426  | 5182  | 0.13% | 0.007% |
| 65 | 6.385 | 6.375 | 6.458 | VV | 444  | 14965 | 0.36% | 0.021% |
| 66 | 6.506 | 6.458 | 6.519 | VV | 453  | 9908  | 0.24% | 0.014% |
| 67 | 6.531 | 6.519 | 6.551 | VV | 395  | 5332  | 0.13% | 0.007% |
| 68 | 6.568 | 6.551 | 6.601 | VV | 519  | 9669  | 0.23% | 0.013% |
| 69 | 6.690 | 6.601 | 6.735 | VV | 663  | 31149 | 0.76% | 0.043% |
| 70 | 6.769 | 6.735 | 6.781 | VV | 499  | 11721 | 0.28% | 0.016% |
| 71 | 6.788 | 6.781 | 6.798 | VV | 438  | 4467  | 0.11% | 0.006% |
| 72 | 6.807 | 6.798 | 6.824 | VV | 552  | 7157  | 0.17% | 0.010% |
| 73 | 6.847 | 6.824 | 6.857 | VV | 437  | 7838  | 0.19% | 0.011% |
| 74 | 6.919 | 6.857 | 6.949 | VV | 1033 | 33599 | 0.81% | 0.047% |
| 75 | 6.971 | 6.949 | 6.991 | VV | 483  | 12335 | 0.30% | 0.017% |
| 76 | 7.002 | 6.991 | 7.011 | VV | 470  | 5264  | 0.13% | 0.007% |
| 77 | 7.037 | 7.011 | 7.068 | VV | 558  | 16120 | 0.39% | 0.022% |
| 78 | 7.087 | 7.068 | 7.114 | VV | 480  | 11061 | 0.27% | 0.015% |
| 79 | 7.126 | 7.114 | 7.148 | VV | 391  | 6242  | 0.15% | 0.009% |
| 80 | 7.180 | 7.148 | 7.220 | VV | 673  | 18344 | 0.44% | 0.025% |
| 81 | 7.235 | 7.220 | 7.261 | VV | 443  | 8450  | 0.20% | 0.012% |
| 82 | 7.282 | 7.261 | 7.295 | VV | 461  | 8632  | 0.21% | 0.012% |
| 83 | 7.305 | 7.295 | 7.325 | VV | 492  | 8377  | 0.20% | 0.012% |
| 84 | 7.352 | 7.325 | 7.385 | VV | 887  | 22116 | 0.54% | 0.031% |
| 85 | 7.395 | 7.385 | 7.419 | VV | 544  | 9120  | 0.22% | 0.013% |
| 86 | 7.435 | 7.419 | 7.465 | VV | 574  | 12444 | 0.30% | 0.017% |
| 87 | 7.485 | 7.465 | 7.496 | VV | 668  | 10355 | 0.25% | 0.014% |
| 88 | 7.538 | 7.496 | 7.581 | VV | 700  | 27459 | 0.67% | 0.038% |
| 89 | 7.598 | 7.581 | 7.624 | VV | 600  | 12403 | 0.30% | 0.017% |

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/15/2022

Supervised By :mohammad ahmed 04/18/2022

|     |        |        |        |    |      |       |       |        |
|-----|--------|--------|--------|----|------|-------|-------|--------|
| 90  | 7.634  | 7.624  | 7.648  | VV | 438  | 5066  | 0.12% | 0.007% |
| 91  | 7.721  | 7.648  | 7.731  | VV | 741  | 27462 |       |        |
| 92  | 7.785  | 7.731  | 7.842  | VV | 1842 | 57223 |       |        |
| 93  | 7.851  | 7.842  | 7.862  | VV | 535  | 5139  |       |        |
| 94  | 7.891  | 7.862  | 7.928  | VV | 642  | 19310 |       |        |
| 95  | 7.937  | 7.928  | 7.965  | VV | 578  | 9733  |       |        |
| 96  | 8.038  | 7.965  | 8.071  | VV | 492  | 25308 | 0.61% | 0.035% |
| 97  | 8.084  | 8.071  | 8.094  | VV | 398  | 4600  | 0.11% | 0.006% |
| 98  | 8.123  | 8.094  | 8.151  | VV | 695  | 15769 | 0.38% | 0.022% |
| 99  | 8.166  | 8.151  | 8.185  | VV | 286  | 5069  | 0.12% | 0.007% |
| 100 | 8.203  | 8.185  | 8.218  | VV | 582  | 8446  | 0.20% | 0.012% |
| 101 | 8.272  | 8.218  | 8.293  | VV | 1047 | 31563 | 0.77% | 0.044% |
| 102 | 8.314  | 8.293  | 8.346  | VV | 1180 | 26094 | 0.63% | 0.036% |
| 103 | 8.370  | 8.346  | 8.412  | VV | 803  | 21478 | 0.52% | 0.030% |
| 104 | 8.440  | 8.412  | 8.454  | VV | 564  | 11647 | 0.28% | 0.016% |
| 105 | 8.513  | 8.454  | 8.528  | VV | 743  | 25383 | 0.62% | 0.035% |
| 106 | 8.535  | 8.528  | 8.565  | VV | 647  | 12667 | 0.31% | 0.018% |
| 107 | 8.603  | 8.565  | 8.661  | VV | 1539 | 43678 | 1.06% | 0.061% |
| 108 | 8.677  | 8.661  | 8.705  | VV | 511  | 11081 | 0.27% | 0.015% |
| 109 | 8.735  | 8.705  | 8.751  | VV | 530  | 10829 | 0.26% | 0.015% |
| 110 | 8.764  | 8.751  | 8.800  | VV | 445  | 6055  | 0.15% | 0.008% |
| 111 | 8.816  | 8.800  | 8.842  | VV | 608  | 8798  | 0.21% | 0.012% |
| 112 | 8.870  | 8.842  | 8.898  | VV | 280  | 8277  | 0.20% | 0.011% |
| 113 | 8.938  | 8.898  | 8.965  | PV | 384  | 6447  | 0.16% | 0.009% |
| 114 | 9.014  | 8.965  | 9.024  | VV | 575  | 14373 | 0.35% | 0.020% |
| 115 | 9.033  | 9.024  | 9.045  | VV | 467  | 5191  | 0.13% | 0.007% |
| 116 | 9.062  | 9.045  | 9.075  | VV | 458  | 7134  | 0.17% | 0.010% |
| 117 | 9.082  | 9.075  | 9.093  | VV | 514  | 4575  | 0.11% | 0.006% |
| 118 | 9.104  | 9.093  | 9.143  | VV | 519  | 11250 | 0.27% | 0.016% |
| 119 | 9.152  | 9.143  | 9.168  | VV | 377  | 4454  | 0.11% | 0.006% |
| 120 | 9.198  | 9.168  | 9.253  | VV | 1024 | 22221 | 0.54% | 0.031% |
| 121 | 9.290  | 9.253  | 9.302  | VV | 413  | 8847  | 0.21% | 0.012% |
| 122 | 9.374  | 9.302  | 9.398  | VV | 1318 | 32848 | 0.80% | 0.046% |
| 123 | 9.423  | 9.398  | 9.438  | VV | 426  | 7473  | 0.18% | 0.010% |
| 124 | 9.444  | 9.438  | 9.455  | VV | 304  | 2895  | 0.07% | 0.004% |
| 125 | 9.478  | 9.455  | 9.555  | VV | 555  | 16133 | 0.39% | 0.022% |
| 126 | 9.569  | 9.555  | 9.588  | VV | 291  | 3083  | 0.07% | 0.004% |
| 127 | 9.620  | 9.588  | 9.629  | VV | 319  | 4507  | 0.11% | 0.006% |
| 128 | 9.637  | 9.629  | 9.648  | VV | 236  | 1719  | 0.04% | 0.002% |
| 129 | 9.676  | 9.648  | 9.700  | VV | 634  | 8581  | 0.21% | 0.012% |
| 130 | 9.722  | 9.700  | 9.735  | VV | 423  | 6531  | 0.16% | 0.009% |
| 131 | 9.757  | 9.735  | 9.783  | VV | 751  | 14017 | 0.34% | 0.019% |
| 132 | 9.867  | 9.783  | 9.885  | VV | 1146 | 40892 | 0.99% | 0.057% |
| 133 | 9.899  | 9.885  | 9.928  | VV | 693  | 10879 | 0.26% | 0.015% |
| 134 | 9.936  | 9.928  | 9.948  | VV | 315  | 3048  | 0.07% | 0.004% |
| 135 | 9.968  | 9.948  | 9.988  | VV | 879  | 12961 | 0.31% | 0.018% |
| 136 | 10.012 | 9.988  | 10.065 | VV | 692  | 23607 | 0.57% | 0.033% |
| 137 | 10.079 | 10.065 | 10.086 | VV | 455  | 5552  | 0.13% | 0.008% |
| 138 | 10.108 | 10.086 | 10.151 | VV | 1505 | 30724 | 0.75% | 0.043% |
| 139 | 10.178 | 10.151 | 10.200 | VV | 917  | 18342 | 0.44% | 0.025% |
| 140 | 10.218 | 10.200 | 10.259 | VV | 885  | 18038 | 0.44% | 0.025% |
| 141 | 10.277 | 10.259 | 10.301 | VV | 362  | 6495  | 0.16% | 0.009% |

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DISP-1-D

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/15/2022

Supervised By :mohammad ahmed 04/18/2022

|     |        |        |        |    | rteres |         |         |        |  |
|-----|--------|--------|--------|----|--------|---------|---------|--------|--|
| 142 | 10.322 | 10.301 | 10.375 | VV | 553    | 12552   | 0.30%   | 0.017% |  |
| 143 | 10.436 | 10.375 | 10.462 | VV | 955    | 28365   |         |        |  |
| 144 | 10.481 | 10.462 | 10.505 | VV | 764    | 15169   |         |        |  |
| 145 | 10.521 | 10.505 | 10.537 | VV | 624    | 10068   |         |        |  |
| 146 | 10.554 | 10.537 | 10.581 | VV | 1172   | 17957   |         |        |  |
| 147 | 10.612 | 10.581 | 10.645 | VV | 546    | 12613   |         |        |  |
| 148 | 10.673 | 10.645 | 10.686 | PV | 366    | 6220    | 0.15%   | 0.009% |  |
| 149 | 10.693 | 10.686 | 10.708 | VV | 200    | 2054    | 0.05%   | 0.003% |  |
| 150 | 10.739 | 10.708 | 10.781 | VV | 1004   | 18667   | 0.45%   | 0.026% |  |
| 151 | 10.806 | 10.781 | 10.831 | VV | 1584   | 24615   | 0.60%   | 0.034% |  |
| 152 | 10.852 | 10.831 | 10.861 | VV | 414    | 5895    | 0.14%   | 0.008% |  |
| 153 | 10.890 | 10.861 | 10.921 | VV | 2311   | 38716   | 0.94%   | 0.054% |  |
| 154 | 10.958 | 10.921 | 10.984 | VV | 2133   | 39289   | 0.95%   | 0.055% |  |
| 155 | 10.996 | 10.984 | 11.058 | VV | 656    | 14673   | 0.36%   | 0.020% |  |
| 156 | 11.100 | 11.058 | 11.177 | VV | 360998 | 4124074 | 100.00% | 5.727% |  |
| 157 | 11.190 | 11.177 | 11.215 | VV | 1352   | 23440   | 0.57%   | 0.033% |  |
| 158 | 11.251 | 11.215 | 11.335 | VV | 1205   | 50647   | 1.23%   | 0.070% |  |
| 159 | 11.371 | 11.335 | 11.386 | VV | 604    | 13444   | 0.33%   | 0.019% |  |
| 160 | 11.417 | 11.386 | 11.436 | VV | 600    | 13784   | 0.33%   | 0.019% |  |
| 161 | 11.472 | 11.436 | 11.498 | VV | 1233   | 29613   | 0.72%   | 0.041% |  |
| 162 | 11.505 | 11.498 | 11.511 | VV | 671    | 5359    | 0.13%   | 0.007% |  |
| 163 | 11.560 | 11.511 | 11.583 | VV | 2982   | 60434   | 1.47%   | 0.084% |  |
| 164 | 11.600 | 11.583 | 11.632 | VV | 1161   | 26942   | 0.65%   | 0.037% |  |
| 165 | 11.649 | 11.632 | 11.666 | VV | 883    | 14419   | 0.35%   | 0.020% |  |
| 166 | 11.688 | 11.666 | 11.707 | VV | 1218   | 21915   | 0.53%   | 0.030% |  |
| 167 | 11.734 | 11.707 | 11.826 | VV | 14726  | 290633  | 7.05%   | 0.404% |  |
| 168 | 11.840 | 11.826 | 11.859 | VV | 1316   | 22618   | 0.55%   | 0.031% |  |
| 169 | 11.872 | 11.859 | 11.900 | VV | 1041   | 21698   | 0.53%   | 0.030% |  |
| 170 | 11.929 | 11.900 | 11.961 | VV | 873    | 25104   | 0.61%   | 0.035% |  |
| 171 | 11.978 | 11.961 | 11.994 | VV | 728    | 11717   | 0.28%   | 0.016% |  |
| 172 | 12.023 | 11.994 | 12.041 | VV | 931    | 21052   | 0.51%   | 0.029% |  |
| 173 | 12.066 | 12.041 | 12.081 | VV | 782    | 16603   | 0.40%   | 0.023% |  |
| 174 | 12.111 | 12.081 | 12.147 | VV | 1727   | 37973   | 0.92%   | 0.053% |  |
| 175 | 12.184 | 12.147 | 12.213 | VV | 2720   | 54240   | 1.32%   | 0.075% |  |
| 176 | 12.225 | 12.213 | 12.275 | VV | 1179   | 24797   | 0.60%   | 0.034% |  |
| 177 | 12.313 | 12.275 | 12.342 | VV | 809    | 23300   | 0.56%   | 0.032% |  |
| 178 | 12.373 | 12.342 | 12.391 | VV | 967    | 23067   | 0.56%   | 0.032% |  |
| 179 | 12.412 | 12.391 | 12.448 | VV | 1582   | 30367   | 0.74%   | 0.042% |  |
| 180 | 12.468 | 12.448 | 12.495 | VV | 592    | 9952    | 0.24%   | 0.014% |  |
| 181 | 12.548 | 12.495 | 12.628 | VV | 251539 | 3090961 | 74.95%  | 4.293% |  |
| 182 | 12.633 | 12.628 | 12.644 | VV | 582    | 5043    | 0.12%   | 0.007% |  |
| 183 | 12.668 | 12.644 | 12.688 | VV | 788    | 14657   | 0.36%   | 0.020% |  |
| 184 | 12.718 | 12.688 | 12.750 | VV | 2078   | 38171   | 0.93%   | 0.053% |  |
| 185 | 12.797 | 12.750 | 12.815 | VV | 2246   | 48668   | 1.18%   | 0.068% |  |
| 186 | 12.831 | 12.815 | 12.907 | VV | 2000   | 57165   | 1.39%   | 0.079% |  |
| 187 | 12.959 | 12.907 | 13.015 | VV | 3342   | 75883   | 1.84%   | 0.105% |  |
| 188 | 13.025 | 13.015 | 13.033 | VV | 568    | 5345    | 0.13%   | 0.007% |  |
| 189 | 13.053 | 13.033 | 13.085 | VV | 983    | 16453   | 0.40%   | 0.023% |  |
| 190 | 13.111 | 13.085 | 13.141 | VV | 666    | 13118   | 0.32%   | 0.018% |  |
| 191 | 13.152 | 13.141 | 13.160 | VV | 280    | 2274    | 0.06%   | 0.003% |  |
| 192 | 13.177 | 13.160 | 13.193 | VV | 409    | 6363    | 0.15%   | 0.009% |  |
| 193 | 13.205 | 13.193 | 13.231 | VV | 541    | 9893    | 0.24%   | 0.014% |  |
| 194 | 13.255 | 13.231 | 13.275 | VV | 801    | 14446   | 0.35%   | 0.020% |  |

Instrument :

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ClientSampleId :

DISP-1-D

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/15/2022

Supervised By :mohammad ahmed 04/18/2022

|     |        |        |        |    |       |        |       |        |
|-----|--------|--------|--------|----|-------|--------|-------|--------|
| 195 | 13.300 | 13.275 | 13.394 | VV | 1038  | 26671  | 0.65% | 0.037% |
| 196 | 13.406 | 13.394 | 13.416 | VV | 158   | 1746   |       |        |
| 197 | 13.519 | 13.416 | 13.617 | VV | 507   | 27835  |       |        |
| 198 | 13.669 | 13.617 | 13.688 | PV | 639   | 15407  |       |        |
| 199 | 13.728 | 13.688 | 13.800 | VV | 1404  | 48491  |       |        |
| 200 | 13.858 | 13.800 | 13.930 | VV | 857   | 36218  |       |        |
| 201 | 13.950 | 13.930 | 13.999 | VV | 567   | 12857  | 0.31% | 0.018% |
| 202 | 14.005 | 13.999 | 14.021 | VV | 269   | 2026   | 0.05% | 0.003% |
| 203 | 14.060 | 14.021 | 14.077 | VV | 401   | 6379   | 0.15% | 0.009% |
| 204 | 14.127 | 14.077 | 14.171 | VV | 1438  | 30540  | 0.74% | 0.042% |
| 205 | 14.219 | 14.171 | 14.228 | VV | 317   | 5659   | 0.14% | 0.008% |
| 206 | 14.236 | 14.228 | 14.248 | VV | 269   | 2395   | 0.06% | 0.003% |
| 207 | 14.272 | 14.248 | 14.299 | VV | 494   | 8628   | 0.21% | 0.012% |
| 208 | 14.327 | 14.299 | 14.375 | VV | 1620  | 31283  | 0.76% | 0.043% |
| 209 | 14.418 | 14.375 | 14.459 | VV | 1260  | 37328  | 0.91% | 0.052% |
| 210 | 14.473 | 14.459 | 14.535 | VV | 680   | 17363  | 0.42% | 0.024% |
| 211 | 14.612 | 14.535 | 14.651 | PV | 892   | 24889  | 0.60% | 0.035% |
| 212 | 14.710 | 14.651 | 14.748 | VV | 385   | 12886  | 0.31% | 0.018% |
| 213 | 14.790 | 14.748 | 14.853 | PV | 13519 | 301819 | 7.32% | 0.419% |
| 214 | 14.885 | 14.853 | 14.900 | VV | 1177  | 28956  | 0.70% | 0.040% |
| 215 | 14.922 | 14.900 | 14.931 | VV | 1701  | 25724  | 0.62% | 0.036% |
| 216 | 14.951 | 14.931 | 14.981 | VV | 2532  | 48133  | 1.17% | 0.067% |
| 217 | 14.991 | 14.981 | 15.041 | VV | 772   | 18573  | 0.45% | 0.026% |
| 218 | 15.091 | 15.041 | 15.131 | VV | 594   | 20435  | 0.50% | 0.028% |
| 219 | 15.142 | 15.131 | 15.147 | VV | 353   | 2601   | 0.06% | 0.004% |
| 220 | 15.216 | 15.147 | 15.228 | VV | 556   | 15028  | 0.36% | 0.021% |
| 221 | 15.310 | 15.228 | 15.348 | VV | 824   | 30227  | 0.73% | 0.042% |
| 222 | 15.373 | 15.348 | 15.395 | VV | 574   | 9296   | 0.23% | 0.013% |
| 223 | 15.414 | 15.395 | 15.438 | VV | 1094  | 17647  | 0.43% | 0.025% |
| 224 | 15.476 | 15.438 | 15.486 | VV | 486   | 11989  | 0.29% | 0.017% |
| 225 | 15.491 | 15.486 | 15.499 | VV | 321   | 2167   | 0.05% | 0.003% |
| 226 | 15.504 | 15.499 | 15.541 | VV | 276   | 3851   | 0.09% | 0.005% |
| 227 | 15.582 | 15.541 | 15.606 | VV | 525   | 12405  | 0.30% | 0.017% |
| 228 | 15.690 | 15.606 | 15.718 | PV | 994   | 34350  | 0.83% | 0.048% |
| 229 | 15.729 | 15.718 | 15.738 | VV | 633   | 6248   | 0.15% | 0.009% |
| 230 | 15.805 | 15.738 | 15.844 | VV | 3165  | 100103 | 2.43% | 0.139% |
| 231 | 15.855 | 15.844 | 15.870 | VV | 1589  | 23499  | 0.57% | 0.033% |
| 232 | 15.893 | 15.870 | 15.906 | VV | 2057  | 37609  | 0.91% | 0.052% |
| 233 | 15.931 | 15.906 | 15.945 | VV | 2046  | 42243  | 1.02% | 0.059% |
| 234 | 15.969 | 15.945 | 16.015 | VV | 2408  | 81824  | 1.98% | 0.114% |
| 235 | 16.080 | 16.015 | 16.111 | VV | 2422  | 116319 | 2.82% | 0.162% |
| 236 | 16.172 | 16.111 | 16.180 | VV | 2420  | 89746  | 2.18% | 0.125% |
| 237 | 16.196 | 16.180 | 16.211 | VV | 2550  | 45138  | 1.09% | 0.063% |
| 238 | 16.230 | 16.211 | 16.251 | VV | 2591  | 57846  | 1.40% | 0.080% |
| 239 | 16.298 | 16.251 | 16.311 | VV | 2816  | 92922  | 2.25% | 0.129% |
| 240 | 16.354 | 16.311 | 16.371 | VV | 3796  | 121823 | 2.95% | 0.169% |
| 241 | 16.399 | 16.371 | 16.471 | VV | 11250 | 292617 | 7.10% | 0.406% |
| 242 | 16.508 | 16.471 | 16.521 | VV | 3599  | 95145  | 2.31% | 0.132% |
| 243 | 16.544 | 16.521 | 16.562 | VV | 4009  | 88015  | 2.13% | 0.122% |
| 244 | 16.585 | 16.562 | 16.605 | VV | 3547  | 84556  | 2.05% | 0.117% |
| 245 | 16.671 | 16.605 | 16.681 | VV | 4195  | 176140 | 4.27% | 0.245% |
| 246 | 16.709 | 16.681 | 16.725 | VV | 4626  | 112659 | 2.73% | 0.156% |

Instrument :

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DISP-1-D

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 04/18/2022

|     |        |        |        |    |       |         |        |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
|     |        |        |        |    |       |         |        |        |
|     |        |        |        |    | rters |         |        |        |
| 247 | 16.744 | 16.725 | 16.772 | VV | 5760  | 145557  | 3.53%  | 0.202% |
| 248 | 16.804 | 16.772 | 16.852 | VV | 6534  | 251111  |        |        |
| 249 | 16.886 | 16.852 | 16.902 | VV | 5152  | 145414  |        |        |
| 250 | 16.945 | 16.902 | 16.968 | VV | 5382  | 195260  |        |        |
|     |        |        |        |    |       |         |        |        |
| 251 | 16.996 | 16.968 | 17.013 | VV | 4907  | 130090  |        |        |
| 252 | 17.052 | 17.013 | 17.060 | VV | 5424  | 143813  |        |        |
| 253 | 17.131 | 17.060 | 17.141 | VV | 6178  | 287151  | 6.96%  | 0.399% |
| 254 | 17.203 | 17.141 | 17.225 | VV | 7883  | 349682  | 8.48%  | 0.486% |
| 255 | 17.240 | 17.225 | 17.270 | VV | 8038  | 202357  | 4.91%  | 0.281% |
|     |        |        |        |    |       |         |        |        |
| 256 | 17.328 | 17.270 | 17.361 | VV | 9334  | 425100  | 10.31% | 0.590% |
| 257 | 17.367 | 17.361 | 17.391 | VV | 8327  | 143234  | 3.47%  | 0.199% |
| 258 | 17.406 | 17.391 | 17.415 | VV | 7594  | 105696  | 2.56%  | 0.147% |
| 259 | 17.428 | 17.415 | 17.465 | VV | 7723  | 225079  | 5.46%  | 0.313% |
| 260 | 17.517 | 17.465 | 17.542 | VV | 8767  | 370713  | 8.99%  | 0.515% |
|     |        |        |        |    |       |         |        |        |
| 261 | 17.573 | 17.542 | 17.588 | VV | 9809  | 249726  | 6.06%  | 0.347% |
| 262 | 17.618 | 17.588 | 17.645 | VV | 14819 | 423432  | 10.27% | 0.588% |
| 263 | 17.664 | 17.645 | 17.734 | VV | 12289 | 578997  | 14.04% | 0.804% |
| 264 | 17.755 | 17.734 | 17.772 | VV | 10424 | 230057  | 5.58%  | 0.320% |
| 265 | 17.786 | 17.772 | 17.805 | VV | 10423 | 200443  | 4.86%  | 0.278% |
|     |        |        |        |    |       |         |        |        |
| 266 | 17.825 | 17.805 | 17.848 | VV | 10437 | 262958  | 6.38%  | 0.365% |
| 267 | 17.863 | 17.848 | 17.888 | VV | 10394 | 243020  | 5.89%  | 0.338% |
| 268 | 17.922 | 17.888 | 17.961 | VV | 11285 | 466958  | 11.32% | 0.649% |
| 269 | 17.981 | 17.961 | 17.991 | VV | 10671 | 186386  | 4.52%  | 0.259% |
| 270 | 18.064 | 17.991 | 18.095 | VV | 15760 | 779883  | 18.91% | 1.083% |
|     |        |        |        |    |       |         |        |        |
| 271 | 18.165 | 18.095 | 18.239 | VV | 15347 | 1131255 | 27.43% | 1.571% |
| 272 | 18.263 | 18.239 | 18.286 | VV | 13215 | 364667  | 8.84%  | 0.506% |
| 273 | 18.304 | 18.286 | 18.348 | VV | 13939 | 499297  | 12.11% | 0.693% |
| 274 | 18.359 | 18.348 | 18.363 | VV | 13931 | 128119  | 3.11%  | 0.178% |
| 275 | 18.400 | 18.363 | 18.421 | VV | 17677 | 554443  | 13.44% | 0.770% |
|     |        |        |        |    |       |         |        |        |
| 276 | 18.454 | 18.421 | 18.517 | VV | 19298 | 1013588 | 24.58% | 1.408% |
| 277 | 18.530 | 18.517 | 18.542 | VV | 16383 | 245004  | 5.94%  | 0.340% |
| 278 | 18.567 | 18.542 | 18.615 | VV | 16679 | 706282  | 17.13% | 0.981% |
| 279 | 18.622 | 18.615 | 18.631 | VV | 16276 | 153224  | 3.72%  | 0.213% |
| 280 | 18.657 | 18.631 | 18.698 | VV | 18211 | 687812  | 16.68% | 0.955% |
|     |        |        |        |    |       |         |        |        |
| 281 | 18.722 | 18.698 | 18.730 | VV | 17989 | 336105  | 8.15%  | 0.467% |
| 282 | 18.746 | 18.730 | 18.755 | VV | 17991 | 265079  | 6.43%  | 0.368% |
| 283 | 18.772 | 18.755 | 18.781 | VV | 18477 | 289263  | 7.01%  | 0.402% |
| 284 | 18.822 | 18.781 | 18.831 | VV | 19371 | 553173  | 13.41% | 0.768% |
| 285 | 18.867 | 18.831 | 18.893 | VV | 20540 | 736363  | 17.86% | 1.023% |
|     |        |        |        |    |       |         |        |        |
| 286 | 18.960 | 18.893 | 18.983 | VV | 20757 | 1060060 | 25.70% | 1.472% |
| 287 | 18.996 | 18.983 | 19.004 | VV | 19905 | 239874  | 5.82%  | 0.333% |
| 288 | 19.055 | 19.004 | 19.072 | VV | 22709 | 861494  | 20.89% | 1.196% |
| 289 | 19.089 | 19.072 | 19.099 | VV | 23453 | 373198  | 9.05%  | 0.518% |
| 290 | 19.148 | 19.099 | 19.175 | VV | 24948 | 1082646 | 26.25% | 1.504% |
|     |        |        |        |    |       |         |        |        |
| 291 | 19.229 | 19.175 | 19.269 | VV | 26237 | 1410319 | 34.20% | 1.959% |
| 292 | 19.359 | 19.269 | 19.381 | VV | 26694 | 1698024 | 41.17% | 2.358% |
| 293 | 19.399 | 19.381 | 19.408 | VV | 27101 | 425957  | 10.33% | 0.592% |
| 294 | 19.449 | 19.408 | 19.481 | VV | 27970 | 1202635 | 29.16% | 1.670% |
| 295 | 19.508 | 19.481 | 19.528 | VV | 27354 | 754874  | 18.30% | 1.048% |
|     |        |        |        |    |       |         |        |        |
| 296 | 19.622 | 19.528 | 19.629 | VV | 30473 | 1749283 | 42.42% | 2.429% |
| 297 | 19.675 | 19.629 | 19.698 | VV | 32948 | 1308012 | 31.72% | 1.817% |
| 298 | 19.723 | 19.698 | 19.755 | VV | 34229 | 1104798 | 26.79% | 1.534% |
| 299 | 19.771 | 19.755 | 19.787 | VV | 30478 | 581216  | 14.09% | 0.807% |

Instrument :

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DISP-1-D

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/15/2022

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|                         |        |        |        |     |       |          |        |        |
|-------------------------|--------|--------|--------|-----|-------|----------|--------|--------|
|                         |        |        |        |     | rters |          |        |        |
| 300                     | 19.868 | 19.787 | 19.878 | VV  | 32936 | 1735683  | 42.09% | 2.411% |
| 301                     | 19.955 | 19.878 | 19.975 | VV  | 37233 | 2028336  |        |        |
| 302                     | 19.985 | 19.975 | 20.026 | VV  | 36536 | 1081024  |        |        |
| 303                     | 20.168 | 20.026 | 20.179 | VV  | 43785 | 3494912  |        |        |
| 304                     | 20.196 | 20.179 | 20.257 | VV  | 44206 | 1984234  |        |        |
| 305                     | 20.277 | 20.257 | 20.335 | VV  | 40834 | 1878688  |        |        |
| 306                     | 20.387 | 20.335 | 20.400 | VV  | 45329 | 1688073  | 40.93% | 2.344% |
| 307                     | 20.437 | 20.400 | 20.458 | VV  | 46277 | 1592818  | 38.62% | 2.212% |
| 308                     | 20.467 | 20.458 | 20.540 | VV  | 45037 | 2063678  | 50.04% | 2.866% |
| 309                     | 20.583 | 20.540 | 20.592 | VV  | 41111 | 1230819  | 29.84% | 1.709% |
| 310                     | 20.645 | 20.592 | 20.675 | VV  | 43786 | 2110615  | 51.18% | 2.931% |
| 311                     | 20.685 | 20.675 | 20.813 | VV  | 42687 | 3158170  | 76.58% | 4.386% |
| 312                     | 20.922 | 20.813 | 20.956 | VV  | 39950 | 3226337  | 78.23% | 4.481% |
| 313                     | 20.966 | 20.956 | 20.985 | VV  | 40487 | 678425   | 16.45% | 0.942% |
| 314                     | 20.992 | 20.985 | 21.101 | VBA | 40741 | 2701652  | 65.51% | 3.752% |
| Sum of corrected areas: |        |        |        |     |       | 72005005 |        |        |

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Aliphatic EPH 032522.M Fri Apr 15 12:18:15 2022