

rteres

Instrument :

FID\_C

ClientSampleId :

MH-10D-EPH

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC04272

Data File : FC059494.D

Signal(s) : FID1A.CH

Acq On : 28 Apr 2022 4:33

Sample : N2559-06

Misc :

ALS Vial : 23 Sample Multiplier: 1

Reviewed By :Yogesh Patel 04/28/2022

Supervised By :mohammad ahmed 04/28/2022

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 042122.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         | 2.921       | 2.905        | 2.941      | BV       | 191            | 1242         | 0.02%          | 0.002%        |
| 2         | 2.947       | 2.941        | 2.995      | VV       | 122            | 1470         | 0.02%          | 0.003%        |
| 3         | 3.002       | 2.995        | 3.092      | PV       | 238            | 4332         | 0.07%          | 0.008%        |
| 4         | 3.102       | 3.092        | 3.160      | PV       | 186            | 1871         | 0.03%          | 0.004%        |
| 5         | 3.182       | 3.160        | 3.206      | PV       | 212            | 3701         | 0.06%          | 0.007%        |
| 6         | 3.235       | 3.206        | 3.295      | VV       | 514            | 9803         | 0.15%          | 0.018%        |
| 7         | 3.305       | 3.295        | 3.312      | VV       | 78             | 701          | 0.01%          | 0.001%        |
| 8         | 3.345       | 3.312        | 3.354      | VV       | 244            | 4530         | 0.07%          | 0.009%        |
| 9         | 3.363       | 3.354        | 3.396      | VV       | 291            | 4417         | 0.07%          | 0.008%        |
| 10        | 3.406       | 3.396        | 3.471      | VV       | 277            | 6522         | 0.10%          | 0.012%        |
| 11        | 3.487       | 3.471        | 3.499      | VV       | 185            | 1924         | 0.03%          | 0.004%        |
| 12        | 3.508       | 3.499        | 3.518      | VV       | 159            | 1361         | 0.02%          | 0.003%        |
| 13        | 3.533       | 3.518        | 3.545      | VV       | 218            | 2412         | 0.04%          | 0.005%        |
| 14        | 3.562       | 3.545        | 3.574      | VV       | 194            | 2578         | 0.04%          | 0.005%        |
| 15        | 3.601       | 3.574        | 3.631      | VV       | 412            | 6151         | 0.09%          | 0.012%        |
| 16        | 3.642       | 3.631        | 3.667      | VV       | 180            | 2465         | 0.04%          | 0.005%        |
| 17        | 3.688       | 3.667        | 3.728      | VV       | 286            | 5491         | 0.08%          | 0.010%        |
| 18        | 3.736       | 3.728        | 3.746      | VV       | 202            | 1654         | 0.03%          | 0.003%        |
| 19        | 3.763       | 3.746        | 3.815      | PV       | 213            | 5040         | 0.08%          | 0.009%        |
| 20        | 3.830       | 3.815        | 3.862      | VV       | 345            | 6373         | 0.10%          | 0.012%        |
| 21        | 3.882       | 3.862        | 3.894      | VV       | 380            | 4145         | 0.06%          | 0.008%        |
| 22        | 3.907       | 3.894        | 3.968      | VV       | 305            | 9081         | 0.14%          | 0.017%        |
| 23        | 3.973       | 3.968        | 3.998      | VV       | 196            | 3194         | 0.05%          | 0.006%        |
| 24        | 4.040       | 3.998        | 4.081      | VV       | 368            | 10392        | 0.16%          | 0.020%        |
| 25        | 4.101       | 4.081        | 4.121      | VV       | 343            | 4656         | 0.07%          | 0.009%        |
| 26        | 4.138       | 4.121        | 4.148      | VV       | 290            | 3295         | 0.05%          | 0.006%        |
| 27        | 4.158       | 4.148        | 4.178      | VV       | 280            | 3886         | 0.06%          | 0.007%        |
| 28        | 4.186       | 4.178        | 4.238      | VV       | 268            | 7121         | 0.11%          | 0.013%        |
| 29        | 4.248       | 4.238        | 4.261      | VV       | 232            | 2024         | 0.03%          | 0.004%        |
| 30        | 4.276       | 4.261        | 4.333      | VV       | 235            | 5774         | 0.09%          | 0.011%        |
| 31        | 4.371       | 4.333        | 4.388      | VV       | 274            | 5531         | 0.08%          | 0.010%        |
| 32        | 4.415       | 4.388        | 4.425      | VV       | 209            | 3530         | 0.05%          | 0.007%        |
| 33        | 4.437       | 4.425        | 4.465      | VV       | 246            | 3303         | 0.05%          | 0.006%        |
| 34        | 4.497       | 4.465        | 4.534      | VV       | 235            | 6143         | 0.09%          | 0.012%        |
| 35        | 4.547       | 4.534        | 4.588      | VV       | 291            | 6188         | 0.09%          | 0.012%        |
| 36        | 4.598       | 4.588        | 4.609      | VV       | 189            | 1882         | 0.03%          | 0.004%        |

|    |       |       |       |    | retention |       |       |        |  |
|----|-------|-------|-------|----|-----------|-------|-------|--------|--|
| 37 | 4.655 | 4.609 | 4.681 | VV | 325       | 8618  | 0.13% | 0.016% |  |
| 38 | 4.704 | 4.681 | 4.731 | VV | 269       | 5922  |       |        |  |
| 39 | 4.762 | 4.731 | 4.798 | VV | 321       | 8236  |       |        |  |
| 40 | 4.831 | 4.798 | 4.855 | VV | 271       | 7089  |       |        |  |
| 41 | 4.862 | 4.855 | 4.881 | VV | 256       | 3816  |       |        |  |
| 42 | 4.887 | 4.881 | 4.898 | VV | 300       | 2121  |       |        |  |
| 43 | 4.920 | 4.898 | 4.934 | VV | 410       | 4657  | 0.07% | 0.009% |  |
| 44 | 4.974 | 4.934 | 4.994 | VV | 275       | 6299  | 0.10% | 0.012% |  |
| 45 | 5.009 | 4.994 | 5.018 | VV | 283       | 3173  | 0.05% | 0.006% |  |
| 46 | 5.038 | 5.018 | 5.080 | VV | 360       | 8154  | 0.12% | 0.015% |  |
| 47 | 5.103 | 5.080 | 5.116 | PV | 224       | 2818  | 0.04% | 0.005% |  |
| 48 | 5.163 | 5.116 | 5.198 | VV | 322       | 9693  | 0.15% | 0.018% |  |
| 49 | 5.209 | 5.198 | 5.223 | VV | 208       | 2392  | 0.04% | 0.005% |  |
| 50 | 5.234 | 5.223 | 5.254 | VV | 244       | 3260  | 0.05% | 0.006% |  |
| 51 | 5.281 | 5.254 | 5.291 | VV | 404       | 5747  | 0.09% | 0.011% |  |
| 52 | 5.307 | 5.291 | 5.335 | VV | 423       | 7102  | 0.11% | 0.013% |  |
| 53 | 5.351 | 5.335 | 5.359 | VV | 361       | 4301  | 0.07% | 0.008% |  |
| 54 | 5.374 | 5.359 | 5.415 | VV | 456       | 10354 | 0.16% | 0.019% |  |
| 55 | 5.434 | 5.415 | 5.528 | VV | 323       | 9249  | 0.14% | 0.017% |  |
| 56 | 5.555 | 5.528 | 5.574 | PV | 415       | 6803  | 0.10% | 0.013% |  |
| 57 | 5.591 | 5.574 | 5.651 | VV | 290       | 9011  | 0.14% | 0.017% |  |
| 58 | 5.658 | 5.651 | 5.666 | VV | 193       | 1271  | 0.02% | 0.002% |  |
| 59 | 5.732 | 5.666 | 5.765 | VV | 2355      | 36589 | 0.56% | 0.069% |  |
| 60 | 5.797 | 5.765 | 5.806 | VV | 316       | 5722  | 0.09% | 0.011% |  |
| 61 | 5.812 | 5.806 | 5.841 | VV | 263       | 3823  | 0.06% | 0.007% |  |
| 62 | 5.861 | 5.841 | 5.883 | VV | 382       | 6430  | 0.10% | 0.012% |  |
| 63 | 5.898 | 5.883 | 5.929 | VV | 377       | 7652  | 0.12% | 0.014% |  |
| 64 | 5.936 | 5.929 | 5.961 | VV | 293       | 3525  | 0.05% | 0.007% |  |
| 65 | 5.972 | 5.961 | 5.985 | VV | 221       | 3220  | 0.05% | 0.006% |  |
| 66 | 6.008 | 5.985 | 6.019 | VV | 354       | 5575  | 0.08% | 0.010% |  |
| 67 | 6.032 | 6.019 | 6.081 | VV | 314       | 7870  | 0.12% | 0.015% |  |
| 68 | 6.092 | 6.081 | 6.107 | VV | 303       | 2663  | 0.04% | 0.005% |  |
| 69 | 6.128 | 6.107 | 6.149 | VV | 300       | 5615  | 0.09% | 0.011% |  |
| 70 | 6.157 | 6.149 | 6.172 | VV | 345       | 3016  | 0.05% | 0.006% |  |
| 71 | 6.180 | 6.172 | 6.225 | VV | 242       | 5547  | 0.08% | 0.010% |  |
| 72 | 6.286 | 6.225 | 6.331 | VV | 337       | 14433 | 0.22% | 0.027% |  |
| 73 | 6.342 | 6.331 | 6.358 | VV | 194       | 2595  | 0.04% | 0.005% |  |
| 74 | 6.371 | 6.358 | 6.394 | VV | 270       | 3519  | 0.05% | 0.007% |  |
| 75 | 6.402 | 6.394 | 6.416 | VV | 222       | 1963  | 0.03% | 0.004% |  |
| 76 | 6.426 | 6.416 | 6.465 | VV | 167       | 3346  | 0.05% | 0.006% |  |
| 77 | 6.474 | 6.465 | 6.490 | VV | 163       | 1270  | 0.02% | 0.002% |  |
| 78 | 6.502 | 6.490 | 6.521 | VV | 142       | 1618  | 0.02% | 0.003% |  |
| 79 | 6.528 | 6.521 | 6.561 | VV | 231       | 3480  | 0.05% | 0.007% |  |
| 80 | 6.568 | 6.561 | 6.591 | VV | 142       | 2155  | 0.03% | 0.004% |  |
| 81 | 6.601 | 6.591 | 6.635 | VV | 227       | 3083  | 0.05% | 0.006% |  |
| 82 | 6.642 | 6.635 | 6.670 | PV | 120       | 1776  | 0.03% | 0.003% |  |
| 83 | 6.686 | 6.670 | 6.697 | VV | 178       | 1864  | 0.03% | 0.004% |  |
| 84 | 6.714 | 6.697 | 6.726 | VV | 135       | 1412  | 0.02% | 0.003% |  |
| 85 | 6.796 | 6.726 | 6.881 | PV | 379       | 16515 | 0.25% | 0.031% |  |
| 86 | 6.888 | 6.881 | 6.898 | VV | 296       | 2029  | 0.03% | 0.004% |  |
| 87 | 6.920 | 6.898 | 6.954 | VV | 482       | 8864  | 0.13% | 0.017% |  |
| 88 | 6.963 | 6.954 | 6.986 | VV | 314       | 3794  | 0.06% | 0.007% |  |
| 89 | 6.995 | 6.986 | 7.055 | VV | 248       | 6066  | 0.09% | 0.011% |  |

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Reviewed By :Yogesh Patel 04/28/2022

Supervised By :mohammad ahmed 04/28/2022

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rters  |         |        |        |
| 90  | 7.080  | 7.055  | 7.121  | VV | 337    | 6729    | 0.10%  | 0.013% |
| 91  | 7.129  | 7.121  | 7.150  | VV | 190    | 1728    |        |        |
| 92  | 7.211  | 7.150  | 7.461  | VV | 543085 | 6567520 | 100    |        |
| 93  | 7.471  | 7.461  | 7.511  | VV | 1973   | 50569   |        |        |
| 94  | 7.522  | 7.511  | 7.528  | VV | 1444   | 14124   |        |        |
| 95  | 7.538  | 7.528  | 7.580  | VV | 1511   | 38955   |        |        |
| 96  | 7.599  | 7.580  | 7.648  | VV | 1323   | 41274   | 0.63%  | 0.078% |
| 97  | 7.671  | 7.648  | 7.685  | VV | 886    | 18049   | 0.27%  | 0.034% |
| 98  | 7.690  | 7.685  | 7.698  | VV | 911    | 6629    | 0.10%  | 0.012% |
| 99  | 7.714  | 7.698  | 7.760  | VV | 967    | 32711   | 0.50%  | 0.062% |
| 100 | 7.780  | 7.760  | 7.830  | VV | 1820   | 43703   | 0.67%  | 0.082% |
| 101 | 7.844  | 7.830  | 7.858  | VV | 643    | 9629    | 0.15%  | 0.018% |
| 102 | 7.887  | 7.858  | 7.963  | VV | 707    | 31724   | 0.48%  | 0.060% |
| 103 | 7.976  | 7.963  | 8.003  | VV | 393    | 8121    | 0.12%  | 0.015% |
| 104 | 8.010  | 8.003  | 8.041  | VV | 355    | 5790    | 0.09%  | 0.011% |
| 105 | 8.062  | 8.041  | 8.151  | VV | 298304 | 3921499 | 59.71% | 7.382% |
| 106 | 8.160  | 8.151  | 8.295  | VV | 10235  | 424754  | 6.47%  | 0.800% |
| 107 | 8.304  | 8.295  | 8.392  | VV | 2493   | 113889  | 1.73%  | 0.214% |
| 108 | 8.407  | 8.392  | 8.481  | VV | 1690   | 74996   | 1.14%  | 0.141% |
| 109 | 8.490  | 8.481  | 8.520  | VV | 1255   | 27229   | 0.41%  | 0.051% |
| 110 | 8.539  | 8.520  | 8.567  | VV | 1174   | 30867   | 0.47%  | 0.058% |
| 111 | 8.601  | 8.567  | 8.709  | VV | 1351   | 82145   | 1.25%  | 0.155% |
| 112 | 8.730  | 8.709  | 8.762  | VV | 834    | 22559   | 0.34%  | 0.042% |
| 113 | 8.777  | 8.762  | 8.855  | VV | 649    | 26024   | 0.40%  | 0.049% |
| 114 | 8.862  | 8.855  | 8.877  | VV | 492    | 5871    | 0.09%  | 0.011% |
| 115 | 8.898  | 8.877  | 8.938  | VV | 571    | 14752   | 0.22%  | 0.028% |
| 116 | 8.945  | 8.938  | 8.952  | VV | 356    | 2749    | 0.04%  | 0.005% |
| 117 | 8.996  | 8.952  | 9.008  | VV | 847    | 20103   | 0.31%  | 0.038% |
| 118 | 9.030  | 9.008  | 9.065  | VV | 888    | 28045   | 0.43%  | 0.053% |
| 119 | 9.106  | 9.065  | 9.118  | VV | 1009   | 27219   | 0.41%  | 0.051% |
| 120 | 9.124  | 9.118  | 9.142  | VV | 1022   | 13489   | 0.21%  | 0.025% |
| 121 | 9.156  | 9.142  | 9.178  | VV | 887    | 15928   | 0.24%  | 0.030% |
| 122 | 9.195  | 9.178  | 9.215  | VV | 672    | 12632   | 0.19%  | 0.024% |
| 123 | 9.216  | 9.215  | 9.235  | VV | 529    | 5110    | 0.08%  | 0.010% |
| 124 | 9.265  | 9.235  | 9.281  | VV | 399    | 9703    | 0.15%  | 0.018% |
| 125 | 9.287  | 9.281  | 9.334  | VV | 396    | 9952    | 0.15%  | 0.019% |
| 126 | 9.346  | 9.334  | 9.353  | VV | 420    | 3749    | 0.06%  | 0.007% |
| 127 | 9.378  | 9.353  | 9.391  | VV | 424    | 8357    | 0.13%  | 0.016% |
| 128 | 9.400  | 9.391  | 9.444  | VV | 301    | 5480    | 0.08%  | 0.010% |
| 129 | 9.485  | 9.444  | 9.498  | VV | 285    | 6050    | 0.09%  | 0.011% |
| 130 | 9.509  | 9.498  | 9.525  | VV | 335    | 3741    | 0.06%  | 0.007% |
| 131 | 9.569  | 9.525  | 9.646  | VV | 333    | 10674   | 0.16%  | 0.020% |
| 132 | 9.659  | 9.646  | 9.670  | VV | 102    | 1309    | 0.02%  | 0.002% |
| 133 | 9.681  | 9.670  | 9.734  | VV | 235    | 4765    | 0.07%  | 0.009% |
| 134 | 9.743  | 9.734  | 9.773  | PV | 174    | 1981    | 0.03%  | 0.004% |
| 135 | 9.807  | 9.773  | 9.844  | VV | 300    | 8195    | 0.12%  | 0.015% |
| 136 | 9.859  | 9.844  | 9.871  | PV | 211    | 2119    | 0.03%  | 0.004% |
| 137 | 9.952  | 9.871  | 10.047 | VV | 869    | 43400   | 0.66%  | 0.082% |
| 138 | 10.104 | 10.047 | 10.125 | VV | 600    | 16479   | 0.25%  | 0.031% |
| 139 | 10.184 | 10.125 | 10.201 | VV | 927    | 26531   | 0.40%  | 0.050% |
| 140 | 10.215 | 10.201 | 10.250 | VV | 933    | 20278   | 0.31%  | 0.038% |
| 141 | 10.276 | 10.250 | 10.311 | VV | 441    | 13857   | 0.21%  | 0.026% |

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/28/2022

Supervised By :mohammad ahmed 04/28/2022

|     |        |        |        |    |        |         |        |         |  |
|-----|--------|--------|--------|----|--------|---------|--------|---------|--|
|     |        |        |        |    |        |         |        |         |  |
|     |        |        |        |    | rters  |         |        |         |  |
| 142 | 10.343 | 10.311 | 10.435 | VV | 15268  | 424606  | 6.47%  | 0.799%  |  |
| 143 | 10.467 | 10.435 | 10.651 | VV | 2510   | 179115  |        |         |  |
| 144 | 10.662 | 10.651 | 10.668 | VV | 519    | 4460    |        |         |  |
| 145 | 10.683 | 10.668 | 10.709 | VV | 482    | 10724   |        |         |  |
|     |        |        |        |    |        |         |        |         |  |
| 146 | 10.741 | 10.709 | 10.767 | VV | 814    | 19788   |        |         |  |
| 147 | 10.803 | 10.767 | 10.819 | VV | 728    | 17196   |        |         |  |
| 148 | 10.827 | 10.819 | 10.849 | VV | 499    | 7077    | 0.11%  | 0.013%  |  |
| 149 | 10.859 | 10.849 | 10.868 | VV | 438    | 4291    | 0.07%  | 0.008%  |  |
| 150 | 10.893 | 10.868 | 10.937 | VV | 944    | 26604   | 0.41%  | 0.050%  |  |
|     |        |        |        |    |        |         |        |         |  |
| 151 | 10.951 | 10.937 | 10.963 | VV | 660    | 7691    | 0.12%  | 0.014%  |  |
| 152 | 10.988 | 10.963 | 11.025 | VV | 603    | 15062   | 0.23%  | 0.028%  |  |
| 153 | 11.033 | 11.025 | 11.054 | VV | 349    | 5207    | 0.08%  | 0.010%  |  |
| 154 | 11.096 | 11.054 | 11.135 | VV | 489340 | 5565246 | 84.74% | 10.476% |  |
| 155 | 11.147 | 11.135 | 11.168 | VV | 4067   | 69253   | 1.05%  | 0.130%  |  |
|     |        |        |        |    |        |         |        |         |  |
| 156 | 11.185 | 11.168 | 11.223 | VV | 3680   | 92942   | 1.42%  | 0.175%  |  |
| 157 | 11.248 | 11.223 | 11.272 | VV | 5256   | 105573  | 1.61%  | 0.199%  |  |
| 158 | 11.289 | 11.272 | 11.311 | VV | 4094   | 81520   | 1.24%  | 0.153%  |  |
| 159 | 11.326 | 11.311 | 11.415 | VV | 3514   | 113484  | 1.73%  | 0.214%  |  |
| 160 | 11.429 | 11.415 | 11.455 | VV | 583    | 12843   | 0.20%  | 0.024%  |  |
|     |        |        |        |    |        |         |        |         |  |
| 161 | 11.474 | 11.455 | 11.527 | VV | 706    | 20570   | 0.31%  | 0.039%  |  |
| 162 | 11.554 | 11.527 | 11.613 | VV | 584    | 17462   | 0.27%  | 0.033%  |  |
| 163 | 11.695 | 11.613 | 11.715 | PV | 700    | 25769   | 0.39%  | 0.049%  |  |
| 164 | 11.724 | 11.715 | 11.734 | VV | 533    | 5670    | 0.09%  | 0.011%  |  |
| 165 | 11.760 | 11.734 | 11.772 | VV | 581    | 12316   | 0.19%  | 0.023%  |  |
|     |        |        |        |    |        |         |        |         |  |
| 166 | 11.781 | 11.772 | 11.808 | VV | 523    | 8869    | 0.14%  | 0.017%  |  |
| 167 | 11.826 | 11.808 | 11.860 | VV | 453    | 10491   | 0.16%  | 0.020%  |  |
| 168 | 11.889 | 11.860 | 11.921 | VV | 680    | 18985   | 0.29%  | 0.036%  |  |
| 169 | 11.942 | 11.921 | 11.951 | VV | 950    | 13645   | 0.21%  | 0.026%  |  |
| 170 | 11.962 | 11.951 | 12.008 | VV | 773    | 22175   | 0.34%  | 0.042%  |  |
|     |        |        |        |    |        |         |        |         |  |
| 171 | 12.033 | 12.008 | 12.053 | VV | 4915   | 77936   | 1.19%  | 0.147%  |  |
| 172 | 12.069 | 12.053 | 12.085 | VV | 3014   | 52182   | 0.79%  | 0.098%  |  |
| 173 | 12.101 | 12.085 | 12.117 | VV | 3073   | 46693   | 0.71%  | 0.088%  |  |
| 174 | 12.139 | 12.117 | 12.237 | VV | 39779  | 740561  | 11.28% | 1.394%  |  |
| 175 | 12.261 | 12.237 | 12.314 | VV | 1306   | 41662   | 0.63%  | 0.078%  |  |
|     |        |        |        |    |        |         |        |         |  |
| 176 | 12.345 | 12.314 | 12.408 | VV | 1809   | 53504   | 0.81%  | 0.101%  |  |
| 177 | 12.433 | 12.408 | 12.488 | VV | 35397  | 633223  | 9.64%  | 1.192%  |  |
| 178 | 12.542 | 12.488 | 12.635 | VV | 363750 | 4642120 | 70.68% | 8.739%  |  |
| 179 | 12.649 | 12.635 | 12.695 | VV | 1612   | 40975   | 0.62%  | 0.077%  |  |
| 180 | 12.718 | 12.695 | 12.753 | VV | 1487   | 37555   | 0.57%  | 0.071%  |  |
|     |        |        |        |    |        |         |        |         |  |
| 181 | 12.778 | 12.753 | 12.821 | VV | 1730   | 46039   | 0.70%  | 0.087%  |  |
| 182 | 12.863 | 12.821 | 12.885 | VV | 1348   | 37669   | 0.57%  | 0.071%  |  |
| 183 | 12.916 | 12.885 | 12.988 | VV | 2484   | 79398   | 1.21%  | 0.149%  |  |
| 184 | 13.048 | 12.988 | 13.129 | VV | 5477   | 189294  | 2.88%  | 0.356%  |  |
| 185 | 13.156 | 13.129 | 13.167 | VV | 3552   | 52858   | 0.80%  | 0.100%  |  |
|     |        |        |        |    |        |         |        |         |  |
| 186 | 13.183 | 13.167 | 13.241 | VV | 4030   | 127853  | 1.95%  | 0.241%  |  |
| 187 | 13.251 | 13.241 | 13.270 | VV | 1492   | 22696   | 0.35%  | 0.043%  |  |
| 188 | 13.306 | 13.270 | 13.334 | VV | 4157   | 99168   | 1.51%  | 0.187%  |  |
| 189 | 13.350 | 13.334 | 13.461 | VV | 2309   | 80236   | 1.22%  | 0.151%  |  |
| 190 | 13.480 | 13.461 | 13.491 | VV | 297    | 3193    | 0.05%  | 0.006%  |  |
|     |        |        |        |    |        |         |        |         |  |
| 191 | 13.529 | 13.491 | 13.561 | VV | 461    | 12680   | 0.19%  | 0.024%  |  |
| 192 | 13.574 | 13.561 | 13.605 | VV | 363    | 5171    | 0.08%  | 0.010%  |  |
| 193 | 13.636 | 13.605 | 13.675 | PV | 486    | 9064    | 0.14%  | 0.017%  |  |
| 194 | 13.723 | 13.675 | 13.748 | VV | 1842   | 51897   | 0.79%  | 0.098%  |  |

Instrument :

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ClientSampleId :

MH-10D-EPH

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/28/2022

Supervised By :mohammad ahmed 04/28/2022

|     |        |        |        |    |       |        |       |        |
|-----|--------|--------|--------|----|-------|--------|-------|--------|
| 195 | 13.770 | 13.748 | 13.823 | VV | 1732  | 42486  | 0.65% | 0.080% |
| 196 | 13.856 | 13.823 | 13.931 | VV | 2386  | 86048  |       |        |
| 197 | 13.971 | 13.931 | 13.984 | VV | 2087  | 43430  |       |        |
| 198 | 14.010 | 13.984 | 14.071 | VV | 4570  | 120304 |       |        |
| 199 | 14.112 | 14.071 | 14.151 | VV | 1553  | 57305  |       |        |
| 200 | 14.175 | 14.151 | 14.199 | VV | 863   | 20916  |       |        |
| 201 | 14.234 | 14.199 | 14.281 | VV | 1188  | 35077  | 0.53% | 0.066% |
| 202 | 14.320 | 14.281 | 14.339 | VV | 15045 | 226226 | 3.44% | 0.426% |
| 203 | 14.358 | 14.339 | 14.452 | VV | 15948 | 472358 | 7.19% | 0.889% |
| 204 | 14.474 | 14.452 | 14.521 | VV | 4035  | 106525 | 1.62% | 0.201% |
| 205 | 14.538 | 14.521 | 14.604 | VV | 1452  | 48737  | 0.74% | 0.092% |
| 206 | 14.619 | 14.604 | 14.627 | VV | 508   | 5942   | 0.09% | 0.011% |
| 207 | 14.691 | 14.627 | 14.738 | VV | 1319  | 56668  | 0.86% | 0.107% |
| 208 | 14.773 | 14.738 | 14.883 | VV | 17460 | 384765 | 5.86% | 0.724% |
| 209 | 14.910 | 14.883 | 14.936 | VV | 2101  | 37502  | 0.57% | 0.071% |
| 210 | 14.954 | 14.936 | 14.978 | VV | 1100  | 21402  | 0.33% | 0.040% |
| 211 | 15.004 | 14.978 | 15.031 | VV | 3371  | 73770  | 1.12% | 0.139% |
| 212 | 15.043 | 15.031 | 15.074 | VV | 2167  | 48108  | 0.73% | 0.091% |
| 213 | 15.094 | 15.074 | 15.111 | VV | 1942  | 35853  | 0.55% | 0.067% |
| 214 | 15.131 | 15.111 | 15.143 | VV | 2150  | 36921  | 0.56% | 0.070% |
| 215 | 15.164 | 15.143 | 15.258 | VV | 2363  | 97228  | 1.48% | 0.183% |
| 216 | 15.289 | 15.258 | 15.331 | VV | 886   | 24998  | 0.38% | 0.047% |
| 217 | 15.339 | 15.331 | 15.378 | VV | 446   | 8329   | 0.13% | 0.016% |
| 218 | 15.405 | 15.378 | 15.438 | VV | 1365  | 20667  | 0.31% | 0.039% |
| 219 | 15.468 | 15.438 | 15.495 | VV | 543   | 10237  | 0.16% | 0.019% |
| 220 | 15.504 | 15.495 | 15.538 | VV | 266   | 4202   | 0.06% | 0.008% |
| 221 | 15.568 | 15.538 | 15.581 | PV | 489   | 8594   | 0.13% | 0.016% |
| 222 | 15.595 | 15.581 | 15.625 | VV | 657   | 12025  | 0.18% | 0.023% |
| 223 | 15.652 | 15.625 | 15.661 | VV | 278   | 4564   | 0.07% | 0.009% |
| 224 | 15.695 | 15.661 | 15.728 | VV | 1128  | 30983  | 0.47% | 0.058% |
| 225 | 15.752 | 15.728 | 15.760 | VV | 1038  | 17039  | 0.26% | 0.032% |
| 226 | 15.786 | 15.760 | 15.847 | VV | 4232  | 117278 | 1.79% | 0.221% |
| 227 | 15.873 | 15.847 | 15.990 | VV | 20701 | 582676 | 8.87% | 1.097% |
| 228 | 16.017 | 15.990 | 16.107 | VV | 3570  | 104538 | 1.59% | 0.197% |
| 229 | 16.191 | 16.107 | 16.235 | VV | 13603 | 265545 | 4.04% | 0.500% |
| 230 | 16.260 | 16.235 | 16.328 | VV | 12971 | 325673 | 4.96% | 0.613% |
| 231 | 16.371 | 16.328 | 16.457 | VV | 3985  | 166499 | 2.54% | 0.313% |
| 232 | 16.514 | 16.457 | 16.598 | VV | 1323  | 61989  | 0.94% | 0.117% |
| 233 | 16.655 | 16.598 | 16.702 | PV | 2200  | 82297  | 1.25% | 0.155% |
| 234 | 16.728 | 16.702 | 16.747 | VV | 1908  | 37839  | 0.58% | 0.071% |
| 235 | 16.758 | 16.747 | 16.774 | VV | 1627  | 22939  | 0.35% | 0.043% |
| 236 | 16.797 | 16.774 | 16.836 | VV | 3317  | 62665  | 0.95% | 0.118% |
| 237 | 16.866 | 16.836 | 16.894 | VV | 854   | 19702  | 0.30% | 0.037% |
| 238 | 16.919 | 16.894 | 16.954 | VV | 1801  | 39470  | 0.60% | 0.074% |
| 239 | 16.965 | 16.954 | 17.016 | VV | 830   | 16835  | 0.26% | 0.032% |
| 240 | 17.068 | 17.016 | 17.108 | VV | 728   | 18966  | 0.29% | 0.036% |
| 241 | 17.195 | 17.108 | 17.209 | VV | 791   | 29210  | 0.44% | 0.055% |
| 242 | 17.236 | 17.209 | 17.273 | VV | 2544  | 58328  | 0.89% | 0.110% |
| 243 | 17.322 | 17.273 | 17.343 | VV | 2526  | 67455  | 1.03% | 0.127% |
| 244 | 17.353 | 17.343 | 17.401 | VV | 1635  | 48092  | 0.73% | 0.091% |
| 245 | 17.425 | 17.401 | 17.447 | VV | 1502  | 36532  | 0.56% | 0.069% |
| 246 | 17.514 | 17.447 | 17.531 | VV | 2244  | 88309  | 1.34% | 0.166% |

Instrument :

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MH-10D-EPH

0.65% 0.080%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/28/2022

Supervised By :mohammad ahmed 04/28/2022

| rteres                  |        |        |        |    |          |         |        |        |  |
|-------------------------|--------|--------|--------|----|----------|---------|--------|--------|--|
| 247                     | 17.553 | 17.531 | 17.570 | VV | 4526     | 83843   | 1.28%  | 0.158% |  |
| 248                     | 17.600 | 17.570 | 17.619 | VV | 9273     | 193227  |        |        |  |
| 249                     | 17.641 | 17.619 | 17.723 | VV | 12356    | 430741  |        |        |  |
| 250                     | 17.739 | 17.723 | 17.768 | VV | 3204     | 74737   |        |        |  |
| 251                     | 17.795 | 17.768 | 17.818 | VV | 3819     | 101819  |        |        |  |
| 252                     | 17.822 | 17.818 | 17.858 | VV | 3726     | 79735   |        |        |  |
| 253                     | 17.884 | 17.858 | 17.951 | VV | 11398    | 328545  | 5.00%  | 0.618% |  |
| 254                     | 17.963 | 17.951 | 17.986 | VV | 3110     | 61614   | 0.94%  | 0.116% |  |
| 255                     | 18.062 | 17.986 | 18.121 | VV | 6626     | 337820  | 5.14%  | 0.636% |  |
| 256                     | 18.160 | 18.121 | 18.191 | VV | 4756     | 161391  | 2.46%  | 0.304% |  |
| 257                     | 18.199 | 18.191 | 18.220 | VV | 3360     | 57116   | 0.87%  | 0.108% |  |
| 258                     | 18.244 | 18.220 | 18.278 | VV | 3345     | 112455  | 1.71%  | 0.212% |  |
| 259                     | 18.386 | 18.278 | 18.400 | VV | 7363     | 325352  | 4.95%  | 0.612% |  |
| 260                     | 18.425 | 18.400 | 18.506 | VV | 10009    | 429806  | 6.54%  | 0.809% |  |
| 261                     | 18.523 | 18.506 | 18.542 | VV | 4762     | 102665  | 1.56%  | 0.193% |  |
| 262                     | 18.587 | 18.542 | 18.616 | VV | 5157     | 217972  | 3.32%  | 0.410% |  |
| 263                     | 18.641 | 18.616 | 18.691 | VV | 6322     | 224733  | 3.42%  | 0.423% |  |
| 264                     | 18.714 | 18.691 | 18.725 | VV | 4627     | 90212   | 1.37%  | 0.170% |  |
| 265                     | 18.748 | 18.725 | 18.769 | VV | 4577     | 116819  | 1.78%  | 0.220% |  |
| 266                     | 18.869 | 18.769 | 18.905 | VV | 6872     | 450260  | 6.86%  | 0.848% |  |
| 267                     | 18.950 | 18.905 | 19.006 | VV | 6532     | 364855  | 5.56%  | 0.687% |  |
| 268                     | 19.064 | 19.006 | 19.103 | VV | 9818     | 430195  | 6.55%  | 0.810% |  |
| 269                     | 19.132 | 19.103 | 19.173 | VV | 14303    | 434768  | 6.62%  | 0.818% |  |
| 270                     | 19.210 | 19.173 | 19.301 | VV | 8929     | 602873  | 9.18%  | 1.135% |  |
| 271                     | 19.368 | 19.301 | 19.391 | VV | 8309     | 399612  | 6.08%  | 0.752% |  |
| 272                     | 19.444 | 19.391 | 19.509 | VV | 12472    | 703406  | 10.71% | 1.324% |  |
| 273                     | 19.540 | 19.509 | 19.556 | VV | 10604    | 291041  | 4.43%  | 0.548% |  |
| 274                     | 19.583 | 19.556 | 19.621 | VV | 11791    | 418273  | 6.37%  | 0.787% |  |
| 275                     | 19.716 | 19.621 | 19.762 | VV | 15227    | 972918  | 14.81% | 1.831% |  |
| 276                     | 19.804 | 19.762 | 19.825 | VV | 11351    | 422449  | 6.43%  | 0.795% |  |
| 277                     | 19.937 | 19.825 | 19.968 | VV | 13743    | 1065178 | 16.22% | 2.005% |  |
| 278                     | 20.118 | 19.968 | 20.131 | VV | 15987    | 1411203 | 21.49% | 2.657% |  |
| 279                     | 20.285 | 20.131 | 20.321 | VV | 19363    | 2001047 | 30.47% | 3.767% |  |
| 280                     | 20.354 | 20.321 | 20.382 | VV | 19322    | 691934  | 10.54% | 1.303% |  |
| 281                     | 20.450 | 20.382 | 20.494 | VV | 19776    | 1293782 | 19.70% | 2.435% |  |
| 282                     | 20.522 | 20.494 | 20.575 | VV | 18979    | 909245  | 13.84% | 1.712% |  |
| 283                     | 20.588 | 20.575 | 20.607 | VV | 18962    | 365588  | 5.57%  | 0.688% |  |
| 284                     | 20.629 | 20.607 | 20.671 | VV | 19541    | 725268  | 11.04% | 1.365% |  |
| 285                     | 20.716 | 20.671 | 20.745 | VV | 18285    | 792590  | 12.07% | 1.492% |  |
| 286                     | 20.798 | 20.745 | 20.861 | VV | 19681    | 1308501 | 19.92% | 2.463% |  |
| 287                     | 20.933 | 20.861 | 20.943 | VV | 18743    | 893120  | 13.60% | 1.681% |  |
| 288                     | 21.019 | 20.943 | 21.041 | VV | 19719    | 1129074 | 17.19% | 2.125% |  |
| 289                     | 21.060 | 21.041 | 21.089 | VV | 19591    | 555006  | 8.45%  | 1.045% |  |
| Sum of corrected areas: |        |        |        |    | 53122132 |         |        |        |  |

Instrument :

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ClientSampleId :

MH-10D-EPH

1.28% 0.158%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/28/2022

Supervised By :mohammad ahmed 04/28/2022

Aliphatic EPH 042122.M Thu Apr 28 13:29:49 2022