

rteres

Instrument :

FID\_C

ClientSampleId :

MH-31SMS

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC05092

Data File : FC059643.D

Signal(s) : FID1A.CH

Acq On : 09 May 2022 23:47

Sample : N2745-01MS

Misc :

ALS Vial : 16 Sample Multiplier: 1

Reviewed By :Yogesh Patel 05/10/2022

Supervised By :mohammad ahmed 05/10/2022

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050522.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         | 2.934       | 2.905        | 2.989      | BV       | 243            | 6172         | 0.05%          | 0.003%        |
| 2         | 3.000       | 2.989        | 3.017      | PV       | 193            | 1990         | 0.02%          | 0.001%        |
| 3         | 3.026       | 3.017        | 3.066      | VV       | 205            | 4380         | 0.04%          | 0.002%        |
| 4         | 3.082       | 3.066        | 3.108      | PV       | 194            | 1658         | 0.01%          | 0.001%        |
| 5         | 3.139       | 3.108        | 3.177      | PV       | 298            | 7950         | 0.07%          | 0.003%        |
| 6         | 3.189       | 3.177        | 3.227      | VV       | 418            | 8212         | 0.07%          | 0.004%        |
| 7         | 3.247       | 3.227        | 3.266      | VV       | 447            | 5181         | 0.04%          | 0.002%        |
| 8         | 3.276       | 3.266        | 3.283      | VV       | 177            | 1180         | 0.01%          | 0.001%        |
| 9         | 3.310       | 3.283        | 3.341      | VV       | 295            | 7856         | 0.06%          | 0.003%        |
| 10        | 3.354       | 3.341        | 3.394      | VV       | 252            | 5160         | 0.04%          | 0.002%        |
| 11        | 3.406       | 3.394        | 3.411      | PV       | 175            | 817          | 0.01%          | 0.000%        |
| 12        | 3.486       | 3.411        | 3.531      | VV       | 710            | 19719        | 0.16%          | 0.009%        |
| 13        | 3.548       | 3.531        | 3.575      | VV       | 282            | 4400         | 0.04%          | 0.002%        |
| 14        | 3.591       | 3.575        | 3.619      | VV       | 264            | 3211         | 0.03%          | 0.001%        |
| 15        | 3.649       | 3.619        | 3.675      | VV       | 474378         | 4517692      | 37.26%         | 1.977%        |
| 16        | 3.691       | 3.675        | 3.881      | VV       | 485519         | 5052386      | 41.67%         | 2.211%        |
| 17        | 3.908       | 3.881        | 3.950      | VV       | 895            | 26434        | 0.22%          | 0.012%        |
| 18        | 3.961       | 3.950        | 4.028      | VV       | 610            | 16919        | 0.14%          | 0.007%        |
| 19        | 4.043       | 4.028        | 4.054      | VV       | 306            | 4141         | 0.03%          | 0.002%        |
| 20        | 4.074       | 4.054        | 4.098      | VV       | 447            | 8874         | 0.07%          | 0.004%        |
| 21        | 4.108       | 4.098        | 4.115      | VV       | 353            | 2717         | 0.02%          | 0.001%        |
| 22        | 4.129       | 4.115        | 4.165      | VV       | 388            | 8445         | 0.07%          | 0.004%        |
| 23        | 4.169       | 4.165        | 4.201      | VV       | 362            | 4706         | 0.04%          | 0.002%        |
| 24        | 4.210       | 4.201        | 4.235      | VV       | 320            | 3057         | 0.03%          | 0.001%        |
| 25        | 4.281       | 4.235        | 4.297      | PV       | 308            | 6213         | 0.05%          | 0.003%        |
| 26        | 4.321       | 4.297        | 4.345      | VV       | 502            | 7705         | 0.06%          | 0.003%        |
| 27        | 4.352       | 4.345        | 4.365      | VV       | 244            | 2104         | 0.02%          | 0.001%        |
| 28        | 4.399       | 4.365        | 4.409      | PV       | 379            | 6253         | 0.05%          | 0.003%        |
| 29        | 4.422       | 4.409        | 4.435      | VV       | 407            | 4949         | 0.04%          | 0.002%        |
| 30        | 4.444       | 4.435        | 4.465      | VV       | 294            | 4065         | 0.03%          | 0.002%        |
| 31        | 4.476       | 4.465        | 4.489      | VV       | 235            | 2513         | 0.02%          | 0.001%        |
| 32        | 4.544       | 4.489        | 4.558      | VV       | 421            | 12790        | 0.11%          | 0.006%        |
| 33        | 4.566       | 4.558        | 4.617      | VV       | 421            | 13177        | 0.11%          | 0.006%        |
| 34        | 4.662       | 4.617        | 4.715      | VV       | 2121           | 46112        | 0.38%          | 0.020%        |
| 35        | 4.730       | 4.715        | 4.828      | VV       | 657            | 22056        | 0.18%          | 0.010%        |
| 36        | 4.851       | 4.828        | 4.862      | VV       | 220            | 2413         | 0.02%          | 0.001%        |

|    |       |       |       |    |        |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
| 37 | 4.897 | 4.862 | 4.920 | PV | 285    | 5488    | 0.05%  | 0.002% |
| 38 | 4.964 | 4.920 | 4.975 | VV | 322    | 6787    | 0.05%  | 0.002% |
| 39 | 4.987 | 4.975 | 5.005 | VV | 339    | 4133    | 0.05%  | 0.002% |
| 40 | 5.010 | 5.005 | 5.035 | VV | 168    | 1735    | 0.05%  | 0.002% |
| 41 | 5.063 | 5.035 | 5.079 | VV | 277    | 4291    | 0.05%  | 0.002% |
| 42 | 5.112 | 5.079 | 5.148 | VV | 240    | 8599    | 0.05%  | 0.002% |
| 43 | 5.186 | 5.148 | 5.331 | VV | 519381 | 5777667 | 47.65% | 2.528% |
| 44 | 5.339 | 5.331 | 5.349 | VV | 959    | 9164    | 0.08%  | 0.004% |
| 45 | 5.356 | 5.349 | 5.387 | VV | 814    | 15798   | 0.13%  | 0.007% |
| 46 | 5.409 | 5.387 | 5.461 | VV | 757    | 26219   | 0.22%  | 0.011% |
| 47 | 5.519 | 5.461 | 5.538 | VV | 546    | 18987   | 0.16%  | 0.008% |
| 48 | 5.548 | 5.538 | 5.569 | VV | 538    | 7934    | 0.07%  | 0.003% |
| 49 | 5.602 | 5.569 | 5.695 | VV | 490258 | 5109979 | 42.15% | 2.236% |
| 50 | 5.708 | 5.695 | 5.725 | VV | 671    | 9073    | 0.07%  | 0.004% |
| 51 | 5.757 | 5.725 | 5.801 | VV | 668    | 22239   | 0.18%  | 0.010% |
| 52 | 5.807 | 5.801 | 5.872 | VV | 474    | 11277   | 0.09%  | 0.005% |
| 53 | 5.895 | 5.872 | 5.923 | VV | 283    | 3798    | 0.03%  | 0.002% |
| 54 | 5.986 | 5.923 | 6.019 | PV | 496    | 13092   | 0.11%  | 0.006% |
| 55 | 6.034 | 6.019 | 6.056 | VV | 388    | 6510    | 0.05%  | 0.003% |
| 56 | 6.079 | 6.056 | 6.117 | VV | 405    | 6300    | 0.05%  | 0.003% |
| 57 | 6.143 | 6.117 | 6.169 | VV | 1699   | 19365   | 0.16%  | 0.008% |
| 58 | 6.211 | 6.169 | 6.351 | VV | 549299 | 5960121 | 49.16% | 2.608% |
| 59 | 6.371 | 6.351 | 6.418 | VV | 976    | 28285   | 0.23%  | 0.012% |
| 60 | 6.470 | 6.418 | 6.488 | VV | 741    | 20836   | 0.17%  | 0.009% |
| 61 | 6.512 | 6.488 | 6.571 | VV | 1296   | 32173   | 0.27%  | 0.014% |
| 62 | 6.590 | 6.571 | 6.631 | VV | 406    | 11200   | 0.09%  | 0.005% |
| 63 | 6.636 | 6.631 | 6.673 | VV | 380    | 5130    | 0.04%  | 0.002% |
| 64 | 6.686 | 6.673 | 6.693 | VV | 198    | 1555    | 0.01%  | 0.001% |
| 65 | 6.701 | 6.693 | 6.715 | VV | 197    | 1890    | 0.02%  | 0.001% |
| 66 | 6.729 | 6.715 | 6.761 | VV | 207    | 3255    | 0.03%  | 0.001% |
| 67 | 6.766 | 6.761 | 6.778 | PV | 217    | 791     | 0.01%  | 0.000% |
| 68 | 6.838 | 6.778 | 6.999 | VV | 519535 | 5593855 | 46.14% | 2.448% |
| 69 | 7.010 | 6.999 | 7.039 | VV | 644    | 13449   | 0.11%  | 0.006% |
| 70 | 7.060 | 7.039 | 7.091 | VV | 1165   | 21357   | 0.18%  | 0.009% |
| 71 | 7.117 | 7.091 | 7.136 | VV | 1083   | 18252   | 0.15%  | 0.008% |
| 72 | 7.149 | 7.136 | 7.160 | VV | 419    | 5592    | 0.05%  | 0.002% |
| 73 | 7.183 | 7.160 | 7.192 | VV | 540    | 7820    | 0.06%  | 0.003% |
| 74 | 7.199 | 7.192 | 7.223 | VV | 466    | 6198    | 0.05%  | 0.003% |
| 75 | 7.265 | 7.223 | 7.275 | VV | 484    | 10723   | 0.09%  | 0.005% |
| 76 | 7.283 | 7.275 | 7.323 | VV | 458    | 12268   | 0.10%  | 0.005% |
| 77 | 7.357 | 7.323 | 7.435 | VV | 519072 | 5567205 | 45.92% | 2.436% |
| 78 | 7.462 | 7.435 | 7.588 | VV | 566813 | 5988289 | 49.39% | 2.620% |
| 79 | 7.651 | 7.588 | 7.716 | VV | 364399 | 3821834 | 31.52% | 1.672% |
| 80 | 7.748 | 7.716 | 7.924 | VV | 596105 | 6470752 | 53.37% | 2.831% |
| 81 | 7.945 | 7.924 | 7.968 | VV | 525    | 10023   | 0.08%  | 0.004% |
| 82 | 7.976 | 7.968 | 8.031 | VV | 481    | 14136   | 0.12%  | 0.006% |
| 83 | 8.067 | 8.031 | 8.101 | VV | 1272   | 26824   | 0.22%  | 0.012% |
| 84 | 8.109 | 8.101 | 8.133 | VV | 553    | 8873    | 0.07%  | 0.004% |
| 85 | 8.160 | 8.133 | 8.202 | VV | 1067   | 23130   | 0.19%  | 0.010% |
| 86 | 8.214 | 8.202 | 8.238 | VV | 365    | 4505    | 0.04%  | 0.002% |
| 87 | 8.248 | 8.238 | 8.259 | VV | 364    | 3246    | 0.03%  | 0.001% |
| 88 | 8.281 | 8.259 | 8.302 | VV | 375    | 6707    | 0.06%  | 0.003% |
| 89 | 8.335 | 8.302 | 8.358 | VV | 357    | 7394    | 0.06%  | 0.003% |

Instrument :

FID\_C

ClientSampleId :

MH-31SMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/10/2022

Supervised By :mohammad ahmed 05/10/2022

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 90  | 8.375  | 8.358  | 8.442  | VV | 437    | 11370   | 0.09%  | 0.005% |
| 91  | 8.463  | 8.442  | 8.476  | VV | 342    | 4700    |        |        |
| 92  | 8.518  | 8.476  | 8.651  | VV | 593552 | 6587891 | 54.48% | 2.944% |
| 93  | 8.670  | 8.651  | 8.685  | VV | 803    | 14635   |        |        |
| 94  | 8.705  | 8.685  | 8.722  | VV | 2945   | 38902   |        |        |
| 95  | 8.739  | 8.722  | 8.778  | VV | 2760   | 47129   |        |        |
| 96  | 8.792  | 8.778  | 8.818  | VV | 624    | 11246   | 0.09%  | 0.005% |
| 97  | 8.828  | 8.818  | 8.846  | VV | 552    | 6721    | 0.06%  | 0.003% |
| 98  | 8.861  | 8.846  | 8.881  | VV | 585    | 7599    | 0.06%  | 0.003% |
| 99  | 8.921  | 8.881  | 9.025  | VV | 521071 | 6178082 | 50.96% | 2.703% |
| 100 | 9.033  | 9.025  | 9.048  | VV | 598    | 7603    | 0.06%  | 0.003% |
| 101 | 9.054  | 9.048  | 9.085  | VV | 604    | 7439    | 0.06%  | 0.003% |
| 102 | 9.098  | 9.085  | 9.138  | VV | 337    | 6405    | 0.05%  | 0.003% |
| 103 | 9.154  | 9.138  | 9.174  | VV | 228    | 2529    | 0.02%  | 0.001% |
| 104 | 9.211  | 9.174  | 9.240  | PV | 797    | 13464   | 0.11%  | 0.006% |
| 105 | 9.251  | 9.240  | 9.315  | VV | 443    | 13966   | 0.12%  | 0.006% |
| 106 | 9.342  | 9.315  | 9.355  | VV | 327    | 5781    | 0.05%  | 0.003% |
| 107 | 9.363  | 9.355  | 9.370  | VV | 296    | 2245    | 0.02%  | 0.001% |
| 108 | 9.379  | 9.370  | 9.389  | VV | 345    | 2980    | 0.02%  | 0.001% |
| 109 | 9.406  | 9.389  | 9.418  | VV | 474    | 6143    | 0.05%  | 0.003% |
| 110 | 9.421  | 9.418  | 9.431  | VV | 469    | 2764    | 0.02%  | 0.001% |
| 111 | 9.465  | 9.431  | 9.504  | VV | 491    | 14616   | 0.12%  | 0.006% |
| 112 | 9.514  | 9.504  | 9.548  | VV | 353    | 6923    | 0.06%  | 0.003% |
| 113 | 9.571  | 9.548  | 9.597  | VV | 355    | 8197    | 0.07%  | 0.004% |
| 114 | 9.640  | 9.597  | 9.660  | VV | 1557   | 24040   | 0.20%  | 0.011% |
| 115 | 9.685  | 9.660  | 9.762  | VV | 11057  | 188178  | 1.55%  | 0.082% |
| 116 | 9.784  | 9.762  | 9.840  | VV | 404    | 14603   | 0.12%  | 0.006% |
| 117 | 9.890  | 9.840  | 9.930  | VV | 621847 | 6727262 | 55.48% | 2.944% |
| 118 | 9.963  | 9.930  | 10.032 | VV | 587260 | 6737229 | 55.57% | 2.948% |
| 119 | 10.048 | 10.032 | 10.125 | VV | 2867   | 89930   | 0.74%  | 0.039% |
| 120 | 10.144 | 10.125 | 10.167 | VV | 894    | 18429   | 0.15%  | 0.008% |
| 121 | 10.189 | 10.167 | 10.249 | VV | 872    | 27831   | 0.23%  | 0.012% |
| 122 | 10.268 | 10.249 | 10.285 | VV | 1039   | 18003   | 0.15%  | 0.008% |
| 123 | 10.331 | 10.285 | 10.420 | VV | 563498 | 6898770 | 56.90% | 3.019% |
| 124 | 10.433 | 10.420 | 10.511 | VV | 473    | 16106   | 0.13%  | 0.007% |
| 125 | 10.551 | 10.511 | 10.597 | VV | 735    | 19973   | 0.16%  | 0.009% |
| 126 | 10.632 | 10.597 | 10.640 | PV | 313    | 5035    | 0.04%  | 0.002% |
| 127 | 10.677 | 10.640 | 10.756 | VV | 450723 | 5156167 | 42.53% | 2.256% |
| 128 | 10.775 | 10.756 | 10.828 | VV | 856    | 29988   | 0.25%  | 0.013% |
| 129 | 10.838 | 10.828 | 10.888 | VV | 847    | 19835   | 0.16%  | 0.009% |
| 130 | 10.897 | 10.888 | 10.915 | VV | 447    | 5549    | 0.05%  | 0.002% |
| 131 | 10.927 | 10.915 | 10.948 | VV | 307    | 5861    | 0.05%  | 0.003% |
| 132 | 10.982 | 10.948 | 11.015 | VV | 892    | 18582   | 0.15%  | 0.008% |
| 133 | 11.029 | 11.015 | 11.048 | VV | 452    | 6901    | 0.06%  | 0.003% |
| 134 | 11.067 | 11.048 | 11.100 | VV | 570    | 12607   | 0.10%  | 0.006% |
| 135 | 11.123 | 11.100 | 11.148 | VV | 508    | 11753   | 0.10%  | 0.005% |
| 136 | 11.174 | 11.148 | 11.225 | VV | 1064   | 28948   | 0.24%  | 0.013% |
| 137 | 11.250 | 11.225 | 11.277 | VV | 844    | 18141   | 0.15%  | 0.008% |
| 138 | 11.311 | 11.277 | 11.405 | VV | 12836  | 229111  | 1.89%  | 0.100% |
| 139 | 11.448 | 11.405 | 11.535 | VV | 3233   | 79090   | 0.65%  | 0.035% |
| 140 | 11.556 | 11.535 | 11.566 | VV | 394    | 6230    | 0.05%  | 0.003% |
| 141 | 11.612 | 11.566 | 11.638 | VV | 537845 | 6736289 | 55.56% | 2.948% |

Instrument :

FID\_C

ClientSampleId :

MH-31SMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/10/2022

Supervised By :mohammad ahmed 05/10/2022

|     |        |        |        |    |        | rteres   |         | ententampfield :<br>MH-31SMS |  |
|-----|--------|--------|--------|----|--------|----------|---------|------------------------------|--|
| 142 | 11.668 | 11.638 | 11.797 | VV | 539936 | 6555899  | 54.07%  | 2.869%                       |  |
| 143 | 11.854 | 11.797 | 11.895 | VV | 4776   | 77619    | 0.00%   | 0.000%                       |  |
| 144 | 11.958 | 11.895 | 12.008 | VV | 535221 | 6417588  | 52.91%  | 2.860%                       |  |
| 145 | 12.045 | 12.008 | 12.127 | VV | 341934 | 4155121  | 34.19%  | 2.860%                       |  |
| 146 | 12.156 | 12.127 | 12.167 | VV | 595    | 12522    | 0.00%   | 0.000%                       |  |
| 147 | 12.210 | 12.167 | 12.262 | VV | 539774 | 6657171  | 54.07%  | 2.860%                       |  |
| 148 | 12.272 | 12.262 | 12.297 | VV | 730    | 12613    | 0.10%   | 0.006%                       |  |
| 149 | 12.320 | 12.297 | 12.334 | VV | 953    | 15894    | 0.13%   | 0.007%                       |  |
| 150 | 12.360 | 12.334 | 12.377 | VV | 1342   | 27465    | 0.23%   | 0.012%                       |  |
| 151 | 12.390 | 12.377 | 12.413 | VV | 1171   | 21579    | 0.18%   | 0.009%                       |  |
| 152 | 12.424 | 12.413 | 12.463 | VV | 886    | 20202    | 0.17%   | 0.009%                       |  |
| 153 | 12.506 | 12.463 | 12.549 | VV | 5078   | 105677   | 0.87%   | 0.046%                       |  |
| 154 | 12.570 | 12.549 | 12.594 | VV | 1240   | 28077    | 0.23%   | 0.012%                       |  |
| 155 | 12.622 | 12.594 | 12.648 | VV | 2555   | 42796    | 0.35%   | 0.019%                       |  |
| 156 | 12.666 | 12.648 | 12.711 | VV | 2489   | 44518    | 0.37%   | 0.019%                       |  |
| 157 | 12.783 | 12.711 | 12.850 | VV | 509861 | 6536543  | 53.91%  | 2.860%                       |  |
| 158 | 12.861 | 12.850 | 12.869 | VV | 328    | 2655     | 0.02%   | 0.001%                       |  |
| 159 | 12.878 | 12.869 | 12.895 | VV | 418    | 4600     | 0.04%   | 0.002%                       |  |
| 160 | 12.922 | 12.895 | 12.941 | VV | 384    | 8059     | 0.07%   | 0.004%                       |  |
| 161 | 12.953 | 12.941 | 12.958 | VV | 366    | 2503     | 0.02%   | 0.001%                       |  |
| 162 | 12.967 | 12.958 | 12.978 | VV | 404    | 4240     | 0.03%   | 0.002%                       |  |
| 163 | 13.007 | 12.978 | 13.041 | VV | 648    | 18588    | 0.15%   | 0.008%                       |  |
| 164 | 13.052 | 13.041 | 13.061 | VV | 472    | 4916     | 0.04%   | 0.002%                       |  |
| 165 | 13.093 | 13.061 | 13.105 | VV | 603    | 12467    | 0.10%   | 0.005%                       |  |
| 166 | 13.112 | 13.105 | 13.173 | VV | 560    | 16700    | 0.14%   | 0.007%                       |  |
| 167 | 13.216 | 13.173 | 13.278 | VV | 18752  | 271991   | 2.24%   | 0.119%                       |  |
| 168 | 13.327 | 13.278 | 13.358 | VV | 1499   | 37147    | 0.31%   | 0.016%                       |  |
| 169 | 13.381 | 13.358 | 13.422 | VV | 879    | 21283    | 0.18%   | 0.009%                       |  |
| 170 | 13.458 | 13.422 | 13.512 | VV | 2322   | 50526    | 0.42%   | 0.022%                       |  |
| 171 | 13.521 | 13.512 | 13.554 | VV | 476    | 8523     | 0.07%   | 0.004%                       |  |
| 172 | 13.577 | 13.554 | 13.598 | PV | 414    | 6784     | 0.06%   | 0.003%                       |  |
| 173 | 13.634 | 13.598 | 13.672 | VV | 752    | 24690    | 0.20%   | 0.011%                       |  |
| 174 | 13.711 | 13.672 | 13.748 | VV | 868    | 26717    | 0.22%   | 0.012%                       |  |
| 175 | 13.755 | 13.748 | 13.762 | VV | 651    | 4688     | 0.04%   | 0.002%                       |  |
| 176 | 13.808 | 13.762 | 13.826 | VV | 472255 | 5998127  | 49.47%  | 2.625%                       |  |
| 177 | 13.855 | 13.826 | 13.959 | VV | 830279 | 12124518 | 100.00% | 5.305%                       |  |
| 178 | 13.972 | 13.959 | 14.030 | VV | 818    | 21933    | 0.18%   | 0.010%                       |  |
| 179 | 14.066 | 14.030 | 14.085 | VV | 490    | 13065    | 0.11%   | 0.006%                       |  |
| 180 | 14.098 | 14.085 | 14.112 | VV | 574    | 6844     | 0.06%   | 0.003%                       |  |
| 181 | 14.182 | 14.112 | 14.215 | VV | 760    | 29487    | 0.24%   | 0.013%                       |  |
| 182 | 14.274 | 14.215 | 14.341 | VV | 19244  | 438243   | 3.61%   | 0.192%                       |  |
| 183 | 14.362 | 14.341 | 14.397 | VV | 2243   | 41878    | 0.35%   | 0.018%                       |  |
| 184 | 14.431 | 14.397 | 14.478 | VV | 3199   | 61390    | 0.51%   | 0.027%                       |  |
| 185 | 14.502 | 14.478 | 14.551 | VV | 948    | 19996    | 0.16%   | 0.009%                       |  |
| 186 | 14.638 | 14.551 | 14.655 | VV | 2059   | 45131    | 0.37%   | 0.020%                       |  |
| 187 | 14.664 | 14.655 | 14.699 | VV | 1793   | 30709    | 0.25%   | 0.013%                       |  |
| 188 | 14.723 | 14.699 | 14.758 | VV | 1560   | 28497    | 0.24%   | 0.012%                       |  |
| 189 | 14.788 | 14.758 | 14.805 | VV | 1161   | 23165    | 0.19%   | 0.010%                       |  |
| 190 | 14.861 | 14.805 | 14.907 | VV | 428323 | 5957988  | 49.14%  | 2.607%                       |  |
| 191 | 14.927 | 14.907 | 14.964 | VV | 1209   | 20911    | 0.17%   | 0.009%                       |  |
| 192 | 14.974 | 14.964 | 15.004 | VV | 285    | 3542     | 0.03%   | 0.002%                       |  |
| 193 | 15.041 | 15.004 | 15.099 | PV | 1186   | 19528    | 0.16%   | 0.009%                       |  |
| 194 | 15.149 | 15.099 | 15.191 | VV | 672    | 17598    | 0.15%   | 0.008%                       |  |

|     |        |        |        |    |        |         |        |         |
|-----|--------|--------|--------|----|--------|---------|--------|---------|
| 195 | 15.201 | 15.191 | 15.215 | VV | 78     | 789     | 0.01%  | 0.000%  |
| 196 | 15.264 | 15.215 | 15.298 | PV | 14654  | 308243  |        |         |
| 197 | 15.338 | 15.298 | 15.353 | VV | 425147 | 5984704 | 49.36% | 2.619%  |
| 198 | 15.374 | 15.353 | 15.496 | VV | 472083 | 5926477 | 48.10% | 2.552%  |
| 199 | 15.522 | 15.496 | 15.568 | VV | 961    | 22214   | 0.17%  | 0.009%  |
| 200 | 15.591 | 15.568 | 15.635 | VV | 1550   | 38808   | 0.20%  | 0.011%  |
| 201 | 15.658 | 15.635 | 15.670 | VV | 1002   | 15620   | 0.13%  | 0.007%  |
| 202 | 15.712 | 15.670 | 15.748 | VV | 400138 | 5335622 | 44.01% | 2.335%  |
| 203 | 15.786 | 15.748 | 15.941 | VV | 404133 | 5761554 | 47.52% | 2.521%  |
| 204 | 15.950 | 15.941 | 15.967 | VV | 206    | 1543    | 0.01%  | 0.001%  |
| 205 | 15.985 | 15.967 | 16.002 | PV | 230    | 3135    | 0.03%  | 0.001%  |
| 206 | 16.049 | 16.002 | 16.064 | VV | 232    | 5232    | 0.04%  | 0.002%  |
| 207 | 16.076 | 16.064 | 16.095 | PV | 208    | 1359    | 0.01%  | 0.001%  |
| 208 | 16.121 | 16.095 | 16.141 | PV | 267    | 3552    | 0.03%  | 0.002%  |
| 209 | 16.188 | 16.141 | 16.204 | VV | 4053   | 74901   | 0.62%  | 0.033%  |
| 210 | 16.221 | 16.204 | 16.266 | VV | 4447   | 78763   | 0.65%  | 0.034%  |
| 211 | 16.305 | 16.266 | 16.368 | VV | 778    | 25476   | 0.21%  | 0.011%  |
| 212 | 16.377 | 16.368 | 16.418 | VV | 240    | 3808    | 0.03%  | 0.002%  |
| 213 | 16.544 | 16.418 | 16.578 | VV | 751    | 27522   | 0.23%  | 0.012%  |
| 214 | 16.656 | 16.578 | 16.725 | PV | 370886 | 5397652 | 44.52% | 2.362%  |
| 215 | 16.750 | 16.725 | 16.778 | VV | 1866   | 29554   | 0.24%  | 0.013%  |
| 216 | 16.819 | 16.778 | 16.837 | VV | 819    | 15738   | 0.13%  | 0.007%  |
| 217 | 16.859 | 16.837 | 16.898 | VV | 917    | 14429   | 0.12%  | 0.006%  |
| 218 | 16.951 | 16.898 | 16.988 | PV | 1215   | 22113   | 0.18%  | 0.010%  |
| 219 | 16.999 | 16.988 | 17.005 | VV | 150    | 1007    | 0.01%  | 0.000%  |
| 220 | 17.067 | 17.005 | 17.081 | VV | 403897 | 5984534 | 49.36% | 2.619%  |
| 221 | 17.106 | 17.081 | 17.249 | VV | 428923 | 5693306 | 46.96% | 2.491%  |
| 222 | 17.320 | 17.249 | 17.416 | PV | 400280 | 5831834 | 48.10% | 2.552%  |
| 223 | 17.466 | 17.416 | 17.535 | VV | 353342 | 5357374 | 44.19% | 2.344%  |
| 224 | 17.568 | 17.535 | 17.585 | PV | 1357   | 20242   | 0.17%  | 0.009%  |
| 225 | 17.605 | 17.585 | 17.678 | VV | 857    | 24375   | 0.20%  | 0.011%  |
| 226 | 17.749 | 17.678 | 17.765 | PV | 997    | 27945   | 0.23%  | 0.012%  |
| 227 | 17.850 | 17.765 | 17.896 | VV | 9785   | 326454  | 2.69%  | 0.143%  |
| 228 | 17.920 | 17.896 | 17.940 | VV | 3602   | 74789   | 0.62%  | 0.033%  |
| 229 | 17.964 | 17.940 | 18.038 | VV | 5044   | 106592  | 0.88%  | 0.047%  |
| 230 | 18.086 | 18.038 | 18.115 | VV | 4006   | 82070   | 0.68%  | 0.036%  |
| 231 | 18.130 | 18.115 | 18.175 | VV | 1630   | 28813   | 0.24%  | 0.013%  |
| 232 | 18.231 | 18.175 | 18.308 | VV | 316950 | 4815380 | 39.72% | 2.107%  |
| 233 | 18.350 | 18.308 | 18.417 | PV | 4714   | 88107   | 0.73%  | 0.039%  |
| 234 | 18.540 | 18.417 | 18.615 | PV | 36441  | 662612  | 5.47%  | 0.290%  |
| 235 | 18.626 | 18.615 | 18.663 | VV | 1818   | 40310   | 0.33%  | 0.018%  |
| 236 | 18.678 | 18.663 | 18.698 | VV | 1033   | 13217   | 0.11%  | 0.006%  |
| 237 | 18.735 | 18.698 | 18.761 | VV | 990    | 23159   | 0.19%  | 0.010%  |
| 238 | 18.803 | 18.761 | 18.861 | VV | 1175   | 40950   | 0.34%  | 0.018%  |
| 239 | 18.952 | 18.861 | 19.004 | PV | 278399 | 4482276 | 36.97% | 1.961%  |
| 240 | 19.083 | 19.004 | 19.108 | PV | 893    | 17643   | 0.15%  | 0.008%  |
| 241 | 19.141 | 19.108 | 19.175 | PV | 2132   | 39944   | 0.33%  | 0.017%  |
| 242 | 19.297 | 19.175 | 19.317 | VV | 1329   | 32570   | 0.27%  | 0.014%  |
| 243 | 19.356 | 19.317 | 19.378 | VV | 486    | 15055   | 0.12%  | 0.007%  |
| 244 | 19.636 | 19.378 | 19.685 | PV | 265019 | 4306532 | 35.52% | 1.884%  |
| 245 | 19.962 | 19.685 | 19.984 | PV | 1317   | -3846   | -0.03% | -0.002% |
| 246 | 20.284 | 19.984 | 20.328 | PV | 262487 | 4220232 | 34.81% | 1.847%  |

Instrument :

FID\_C

ClientSampleId :

MH-31SMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/10/2022

Supervised By :mohammad ahmed 05/10/2022

247 20.403 20.328 20.438 VV rteres 5137 111424 0.92% 0.049%  
Sum of corrected areas: 2285

Aliphatic EPH 050522.M Wed May 11 10:02:36 2022

Instrument :

FID\_C

ClientSampleId :

MH-31SMS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/10/2022

Supervised By :mohammad ahmed 05/10/2022