

rteres

Instrument :

FID\_C

ClientSampleId :

SU-ESM-04

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/30/2025

Supervised By :mohammad ahmed 10/01/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC09292  
Data File : FC069863.D  
Signal(s) : FID1A.ch  
Acq On : 29 Sep 2025 11:00  
Sample : Q3208-09  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 092325.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         | 3.235       | 3.205        | 3.244      | BV       | 262            | 2026         | 0.03%          | 0.001%        |
| 2         | 3.260       | 3.244        | 3.355      | VV       | 354            | 7847         | 0.13%          | 0.006%        |
| 3         | 3.379       | 3.355        | 3.398      | PV       | 330            | 4135         | 0.07%          | 0.003%        |
| 4         | 3.405       | 3.398        | 3.460      | VV       | 200            | 2947         | 0.05%          | 0.002%        |
| 5         | 3.486       | 3.460        | 3.517      | VV       | 268            | 3635         | 0.06%          | 0.003%        |
| 6         | 3.532       | 3.517        | 3.545      | VV       | 191            | 1716         | 0.03%          | 0.001%        |
| 7         | 3.568       | 3.545        | 3.607      | PV       | 241            | 4592         | 0.08%          | 0.003%        |
| 8         | 3.651       | 3.607        | 3.662      | VV       | 253            | 5114         | 0.08%          | 0.004%        |
| 9         | 3.681       | 3.662        | 3.708      | VV       | 566            | 10440        | 0.17%          | 0.007%        |
| 10        | 3.768       | 3.708        | 3.808      | VV       | 3275           | 46975        | 0.78%          | 0.033%        |
| 11        | 3.824       | 3.808        | 3.835      | VV       | 246            | 2958         | 0.05%          | 0.002%        |
| 12        | 3.866       | 3.835        | 3.910      | VV       | 2295           | 26769        | 0.44%          | 0.019%        |
| 13        | 3.925       | 3.910        | 3.940      | VV       | 364            | 4200         | 0.07%          | 0.003%        |
| 14        | 3.961       | 3.940        | 4.018      | VV       | 433            | 8811         | 0.15%          | 0.006%        |
| 15        | 4.069       | 4.018        | 4.112      | VV       | 1710           | 37129        | 0.61%          | 0.026%        |
| 16        | 4.129       | 4.112        | 4.154      | VV       | 586            | 12203        | 0.20%          | 0.009%        |
| 17        | 4.165       | 4.154        | 4.175      | VV       | 493            | 5071         | 0.08%          | 0.004%        |
| 18        | 4.188       | 4.175        | 4.205      | VV       | 505            | 8571         | 0.14%          | 0.006%        |
| 19        | 4.218       | 4.205        | 4.230      | VV       | 597            | 7424         | 0.12%          | 0.005%        |
| 20        | 4.246       | 4.230        | 4.301      | VV       | 938            | 20104        | 0.33%          | 0.014%        |
| 21        | 4.318       | 4.301        | 4.391      | VV       | 348            | 10885        | 0.18%          | 0.008%        |
| 22        | 4.406       | 4.391        | 4.435      | VV       | 240            | 3967         | 0.07%          | 0.003%        |
| 23        | 4.453       | 4.435        | 4.484      | VV       | 663            | 9732         | 0.16%          | 0.007%        |
| 24        | 4.495       | 4.484        | 4.510      | VV       | 297            | 3425         | 0.06%          | 0.002%        |
| 25        | 4.525       | 4.510        | 4.579      | VV       | 455            | 10648        | 0.18%          | 0.008%        |
| 26        | 4.596       | 4.579        | 4.635      | VV       | 637            | 9581         | 0.16%          | 0.007%        |
| 27        | 4.668       | 4.635        | 4.695      | VV       | 633            | 12493        | 0.21%          | 0.009%        |
| 28        | 4.705       | 4.695        | 4.722      | VV       | 289            | 3839         | 0.06%          | 0.003%        |
| 29        | 4.735       | 4.722        | 4.767      | VV       | 296            | 5289         | 0.09%          | 0.004%        |
| 30        | 4.788       | 4.767        | 4.848      | VV       | 1138           | 22746        | 0.38%          | 0.016%        |
| 31        | 4.873       | 4.848        | 4.915      | VV       | 392            | 9936         | 0.16%          | 0.007%        |
| 32        | 4.951       | 4.915        | 4.998      | VV       | 244            | 6322         | 0.10%          | 0.004%        |
| 33        | 5.018       | 4.998        | 5.030      | PV       | 234            | 2942         | 0.05%          | 0.002%        |
| 34        | 5.045       | 5.030        | 5.057      | VV       | 404            | 4052         | 0.07%          | 0.003%        |
| 35        | 5.072       | 5.057        | 5.121      | VV       | 542            | 11809        | 0.20%          | 0.008%        |
| 36        | 5.133       | 5.121        | 5.152      | VV       | 232            | 3062         | 0.05%          | 0.002%        |

|    |       |       |       |    | retention |       |       |        |
|----|-------|-------|-------|----|-----------|-------|-------|--------|
| 37 | 5.194 | 5.152 | 5.243 | VV | 451       | 12539 | 0.21% | 0.009% |
| 38 | 5.270 | 5.243 | 5.281 | VV | 144       | 2605  |       |        |
| 39 | 5.309 | 5.281 | 5.341 | VV | 1495      | 17811 |       |        |
| 40 | 5.347 | 5.341 | 5.355 | VV | 212       | 1659  |       |        |
| 41 | 5.377 | 5.355 | 5.399 | VV | 243       | 4492  |       |        |
| 42 | 5.445 | 5.399 | 5.468 | VV | 130       | 2962  |       |        |
| 43 | 5.492 | 5.468 | 5.508 | PV | 523       | 6313  | 0.10% | 0.004% |
| 44 | 5.535 | 5.508 | 5.580 | VV | 507       | 12904 | 0.21% | 0.009% |
| 45 | 5.601 | 5.580 | 5.634 | VV | 460       | 6659  | 0.11% | 0.005% |
| 46 | 5.654 | 5.634 | 5.694 | VV | 355       | 6207  | 0.10% | 0.004% |
| 47 | 5.718 | 5.694 | 5.746 | VV | 326       | 7291  | 0.12% | 0.005% |
| 48 | 5.787 | 5.746 | 5.815 | VV | 710       | 15297 | 0.25% | 0.011% |
| 49 | 5.833 | 5.815 | 5.851 | VV | 778       | 9748  | 0.16% | 0.007% |
| 50 | 5.862 | 5.851 | 5.869 | VV | 346       | 3084  | 0.05% | 0.002% |
| 51 | 5.895 | 5.869 | 5.931 | VV | 578       | 13347 | 0.22% | 0.009% |
| 52 | 5.946 | 5.931 | 5.984 | VV | 448       | 7422  | 0.12% | 0.005% |
| 53 | 6.047 | 5.984 | 6.085 | VV | 2733      | 51220 | 0.85% | 0.036% |
| 54 | 6.091 | 6.085 | 6.123 | VV | 384       | 6355  | 0.11% | 0.005% |
| 55 | 6.137 | 6.123 | 6.166 | VV | 296       | 5340  | 0.09% | 0.004% |
| 56 | 6.193 | 6.166 | 6.230 | VV | 558       | 12206 | 0.20% | 0.009% |
| 57 | 6.259 | 6.230 | 6.293 | VV | 472       | 9229  | 0.15% | 0.007% |
| 58 | 6.327 | 6.293 | 6.354 | VV | 1062      | 21530 | 0.36% | 0.015% |
| 59 | 6.366 | 6.354 | 6.388 | VV | 533       | 6915  | 0.11% | 0.005% |
| 60 | 6.391 | 6.388 | 6.454 | VV | 285       | 6153  | 0.10% | 0.004% |
| 61 | 6.475 | 6.454 | 6.493 | VV | 641       | 7551  | 0.12% | 0.005% |
| 62 | 6.508 | 6.493 | 6.531 | VV | 208       | 3889  | 0.06% | 0.003% |
| 63 | 6.549 | 6.531 | 6.590 | VV | 727       | 12555 | 0.21% | 0.009% |
| 64 | 6.624 | 6.590 | 6.648 | VV | 359       | 7453  | 0.12% | 0.005% |
| 65 | 6.677 | 6.648 | 6.711 | VV | 163       | 3634  | 0.06% | 0.003% |
| 66 | 6.726 | 6.711 | 6.734 | VV | 124       | 999   | 0.02% | 0.001% |
| 67 | 6.750 | 6.734 | 6.768 | VV | 260       | 2435  | 0.04% | 0.002% |
| 68 | 6.799 | 6.768 | 6.843 | VV | 287       | 6361  | 0.11% | 0.005% |
| 69 | 6.869 | 6.843 | 6.893 | VV | 190       | 4315  | 0.07% | 0.003% |
| 70 | 6.902 | 6.893 | 6.918 | VV | 190       | 2276  | 0.04% | 0.002% |
| 71 | 6.941 | 6.918 | 6.968 | VV | 1104      | 16879 | 0.28% | 0.012% |
| 72 | 6.986 | 6.968 | 7.052 | VV | 675       | 18978 | 0.31% | 0.013% |
| 73 | 7.104 | 7.052 | 7.138 | VV | 1349      | 25802 | 0.43% | 0.018% |
| 74 | 7.150 | 7.138 | 7.171 | VV | 434       | 6432  | 0.11% | 0.005% |
| 75 | 7.180 | 7.171 | 7.220 | VV | 424       | 5485  | 0.09% | 0.004% |
| 76 | 7.239 | 7.220 | 7.255 | PV | 1183      | 11911 | 0.20% | 0.008% |
| 77 | 7.272 | 7.255 | 7.289 | VV | 1139      | 13380 | 0.22% | 0.009% |
| 78 | 7.299 | 7.289 | 7.328 | VV | 354       | 5675  | 0.09% | 0.004% |
| 79 | 7.353 | 7.328 | 7.375 | VV | 193       | 3807  | 0.06% | 0.003% |
| 80 | 7.401 | 7.375 | 7.447 | VV | 718       | 10802 | 0.18% | 0.008% |
| 81 | 7.478 | 7.447 | 7.507 | VV | 232       | 6346  | 0.10% | 0.005% |
| 82 | 7.533 | 7.507 | 7.563 | VV | 253       | 5254  | 0.09% | 0.004% |
| 83 | 7.579 | 7.563 | 7.601 | VV | 236       | 3345  | 0.06% | 0.002% |
| 84 | 7.631 | 7.601 | 7.665 | VV | 162       | 3518  | 0.06% | 0.002% |
| 85 | 7.812 | 7.790 | 7.914 | VV | 1685      | 67221 | 1.11% | 0.048% |
| 86 | 7.925 | 7.914 | 7.949 | VV | 409       | 6379  | 0.11% | 0.005% |
| 87 | 7.987 | 7.949 | 8.031 | VV | 581       | 20394 | 0.34% | 0.014% |
| 88 | 8.068 | 8.031 | 8.085 | VV | 1164      | 22120 | 0.37% | 0.016% |
| 89 | 8.098 | 8.085 | 8.121 | VV | 986       | 16546 | 0.27% | 0.012% |

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|     |        |        |        |    |       |        |       |        |
|-----|--------|--------|--------|----|-------|--------|-------|--------|
| 90  | 8.166  | 8.121  | 8.185  | VV | 1374  | 31194  | 0.52% | 0.022% |
| 91  | 8.203  | 8.185  | 8.219  | VV | 1663  | 21727  |       |        |
| 92  | 8.230  | 8.219  | 8.246  | VV | 923   | 11975  |       |        |
| 93  | 8.273  | 8.246  | 8.301  | VV | 1324  | 27058  |       |        |
| 94  | 8.314  | 8.301  | 8.341  | VV | 364   | 7829   |       |        |
| 95  | 8.388  | 8.341  | 8.429  | VV | 3661  | 60786  |       |        |
| 96  | 8.439  | 8.429  | 8.465  | VV | 424   | 6464   | 0.11% | 0.005% |
| 97  | 8.479  | 8.465  | 8.492  | VV | 420   | 5192   | 0.09% | 0.004% |
| 98  | 8.530  | 8.492  | 8.552  | VV | 846   | 15877  | 0.26% | 0.011% |
| 99  | 8.683  | 8.664  | 8.715  | VV | 4130  | 62008  | 1.03% | 0.044% |
| 100 | 8.739  | 8.715  | 8.786  | VV | 1298  | 39221  | 0.65% | 0.028% |
| 101 | 8.808  | 8.786  | 8.853  | VV | 1221  | 27556  | 0.46% | 0.020% |
| 102 | 8.861  | 8.853  | 8.883  | VV | 466   | 6624   | 0.11% | 0.005% |
| 103 | 8.921  | 8.883  | 8.938  | VV | 1057  | 23555  | 0.39% | 0.017% |
| 104 | 8.961  | 8.938  | 8.973  | VV | 2200  | 31988  | 0.53% | 0.023% |
| 105 | 8.992  | 8.973  | 9.060  | VV | 2608  | 68306  | 1.13% | 0.048% |
| 106 | 9.094  | 9.060  | 9.116  | VV | 2324  | 31362  | 0.52% | 0.022% |
| 107 | 9.132  | 9.116  | 9.177  | VV | 1028  | 17689  | 0.29% | 0.013% |
| 108 | 9.191  | 9.177  | 9.222  | VV | 258   | 3515   | 0.06% | 0.002% |
| 109 | 9.248  | 9.222  | 9.265  | PV | 973   | 12007  | 0.20% | 0.009% |
| 110 | 9.281  | 9.265  | 9.313  | VV | 851   | 11777  | 0.19% | 0.008% |
| 111 | 9.333  | 9.313  | 9.351  | VV | 384   | 4662   | 0.08% | 0.003% |
| 112 | 9.384  | 9.351  | 9.403  | VV | 636   | 9268   | 0.15% | 0.007% |
| 113 | 9.423  | 9.403  | 9.447  | VV | 1822  | 25092  | 0.42% | 0.018% |
| 114 | 9.470  | 9.447  | 9.508  | VV | 2867  | 45183  | 0.75% | 0.032% |
| 115 | 9.546  | 9.508  | 9.578  | VV | 1364  | 26978  | 0.45% | 0.019% |
| 116 | 9.618  | 9.578  | 9.637  | VV | 994   | 21710  | 0.36% | 0.015% |
| 117 | 9.648  | 9.637  | 9.665  | VV | 573   | 7539   | 0.12% | 0.005% |
| 118 | 9.689  | 9.665  | 9.701  | VV | 883   | 13843  | 0.23% | 0.010% |
| 119 | 9.708  | 9.701  | 9.721  | VV | 938   | 9711   | 0.16% | 0.007% |
| 120 | 9.746  | 9.721  | 9.778  | VV | 35209 | 393211 | 6.50% | 0.279% |
| 121 | 9.790  | 9.778  | 9.844  | VV | 1811  | 43431  | 0.72% | 0.031% |
| 122 | 9.888  | 9.844  | 9.941  | VV | 1565  | 52167  | 0.86% | 0.037% |
| 123 | 9.954  | 9.941  | 9.968  | VV | 505   | 6691   | 0.11% | 0.005% |
| 124 | 9.986  | 9.968  | 10.012 | VV | 480   | 8139   | 0.13% | 0.006% |
| 125 | 10.048 | 10.012 | 10.061 | PV | 966   | 13192  | 0.22% | 0.009% |
| 126 | 10.065 | 10.061 | 10.101 | VV | 795   | 13207  | 0.22% | 0.009% |
| 127 | 10.148 | 10.101 | 10.164 | VV | 1635  | 33807  | 0.56% | 0.024% |
| 128 | 10.175 | 10.164 | 10.193 | VV | 1080  | 13333  | 0.22% | 0.009% |
| 129 | 10.220 | 10.193 | 10.251 | VV | 2479  | 50494  | 0.84% | 0.036% |
| 130 | 10.263 | 10.251 | 10.284 | VV | 781   | 11264  | 0.19% | 0.008% |
| 131 | 10.308 | 10.284 | 10.338 | VV | 1581  | 32229  | 0.53% | 0.023% |
| 132 | 10.353 | 10.338 | 10.378 | VV | 1221  | 18032  | 0.30% | 0.013% |
| 133 | 10.401 | 10.378 | 10.438 | VV | 7406  | 93797  | 1.55% | 0.067% |
| 134 | 10.462 | 10.438 | 10.496 | VV | 17419 | 216507 | 3.58% | 0.154% |
| 135 | 10.524 | 10.496 | 10.541 | VV | 25606 | 295048 | 4.88% | 0.209% |
| 136 | 10.553 | 10.541 | 10.564 | VV | 11054 | 118615 | 1.96% | 0.084% |
| 137 | 10.593 | 10.564 | 10.628 | VV | 12004 | 263958 | 4.37% | 0.187% |
| 138 | 10.681 | 10.628 | 10.701 | VV | 9636  | 243427 | 4.03% | 0.173% |
| 139 | 10.719 | 10.701 | 10.758 | VV | 14131 | 231892 | 3.84% | 0.165% |
| 140 | 10.782 | 10.758 | 10.806 | VV | 20091 | 236365 | 3.91% | 0.168% |
| 141 | 10.840 | 10.806 | 10.853 | VV | 12476 | 181192 | 3.00% | 0.129% |

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|--------|--------|--------|--------|----|--------|---------|---------|--------|--|
| 142    | 10.873 | 10.853 | 10.925 | VV | 53201  | 672079  | 11.12%  | 0.477% |  |
| 143    | 10.952 | 10.925 | 11.021 | VV | 12212  | 202085  |         |        |  |
| 144    | 11.046 | 11.021 | 11.069 | VV | 2144   | 35904   |         |        |  |
| 145    | 11.100 | 11.069 | 11.110 | VV | 785    | 12989   |         |        |  |
| 146    | 11.124 | 11.110 | 11.144 | VV | 1415   | 17606   |         |        |  |
| 147    | 11.165 | 11.144 | 11.213 | VV | 3253   | 52296   |         |        |  |
| 148    | 11.248 | 11.213 | 11.265 | PV | 535    | 10108   | 0.17%   | 0.007% |  |
| 149    | 11.291 | 11.265 | 11.304 | VV | 1516   | 22960   | 0.38%   | 0.016% |  |
| 150    | 11.337 | 11.304 | 11.370 | VV | 9978   | 143525  | 2.37%   | 0.102% |  |
| 151    | 11.394 | 11.370 | 11.431 | VV | 5167   | 101081  | 1.67%   | 0.072% |  |
| 152    | 11.450 | 11.431 | 11.461 | VV | 1606   | 20992   | 0.35%   | 0.015% |  |
| 153    | 11.478 | 11.461 | 11.495 | VV | 2263   | 31903   | 0.53%   | 0.023% |  |
| 154    | 11.516 | 11.495 | 11.544 | VV | 3394   | 53060   | 0.88%   | 0.038% |  |
| 155    | 11.568 | 11.544 | 11.611 | VV | 4052   | 82474   | 1.36%   | 0.059% |  |
| 156    | 11.645 | 11.611 | 11.693 | VV | 555163 | 6045185 | 100.00% | 4.292% |  |
| 157    | 11.709 | 11.693 | 11.755 | VV | 10794  | 170581  | 2.82%   | 0.121% |  |
| 158    | 11.793 | 11.755 | 11.811 | VV | 9256   | 138829  | 2.30%   | 0.099% |  |
| 159    | 11.827 | 11.811 | 11.842 | VV | 6460   | 81552   | 1.35%   | 0.058% |  |
| 160    | 11.859 | 11.842 | 11.892 | VV | 7661   | 107370  | 1.78%   | 0.076% |  |
| 161    | 11.933 | 11.892 | 11.955 | PV | 865    | 20175   | 0.33%   | 0.014% |  |
| 162    | 11.992 | 11.955 | 12.014 | VV | 2133   | 56001   | 0.93%   | 0.040% |  |
| 163    | 12.036 | 12.014 | 12.061 | VV | 9493   | 128196  | 2.12%   | 0.091% |  |
| 164    | 12.088 | 12.061 | 12.120 | VV | 8060   | 139311  | 2.30%   | 0.099% |  |
| 165    | 12.147 | 12.120 | 12.191 | VV | 33949  | 473711  | 7.84%   | 0.336% |  |
| 166    | 12.245 | 12.191 | 12.308 | VV | 104511 | 1404090 | 23.23%  | 0.997% |  |
| 167    | 12.325 | 12.308 | 12.338 | VV | 2228   | 34989   | 0.58%   | 0.025% |  |
| 168    | 12.349 | 12.338 | 12.369 | VV | 2672   | 38544   | 0.64%   | 0.027% |  |
| 169    | 12.397 | 12.369 | 12.434 | VV | 2491   | 61086   | 1.01%   | 0.043% |  |
| 170    | 12.468 | 12.434 | 12.507 | VV | 2801   | 69223   | 1.15%   | 0.049% |  |
| 171    | 12.530 | 12.507 | 12.551 | VV | 6558   | 87198   | 1.44%   | 0.062% |  |
| 172    | 12.576 | 12.551 | 12.599 | VV | 7637   | 120194  | 1.99%   | 0.085% |  |
| 173    | 12.632 | 12.599 | 12.665 | VV | 4641   | 113971  | 1.89%   | 0.081% |  |
| 174    | 12.696 | 12.665 | 12.740 | VV | 145643 | 1678517 | 27.77%  | 1.192% |  |
| 175    | 12.757 | 12.740 | 12.775 | VV | 755    | 11764   | 0.19%   | 0.008% |  |
| 176    | 12.793 | 12.775 | 12.811 | VV | 1450   | 18224   | 0.30%   | 0.013% |  |
| 177    | 12.882 | 12.811 | 12.963 | VV | 5998   | 185450  | 3.07%   | 0.132% |  |
| 178    | 12.994 | 12.963 | 13.021 | PV | 113652 | 1282955 | 21.22%  | 0.911% |  |
| 179    | 13.080 | 13.021 | 13.113 | VV | 423214 | 5044416 | 83.45%  | 3.582% |  |
| 180    | 13.171 | 13.113 | 13.212 | VV | 4576   | 96928   | 1.60%   | 0.069% |  |
| 181    | 13.262 | 13.212 | 13.289 | PV | 14234  | 252280  | 4.17%   | 0.179% |  |
| 182    | 13.313 | 13.289 | 13.326 | VV | 14424  | 196908  | 3.26%   | 0.140% |  |
| 183    | 13.335 | 13.326 | 13.378 | VV | 12046  | 190838  | 3.16%   | 0.135% |  |
| 184    | 13.391 | 13.378 | 13.428 | VV | 4242   | 69859   | 1.16%   | 0.050% |  |
| 185    | 13.472 | 13.428 | 13.541 | VV | 23067  | 483133  | 7.99%   | 0.343% |  |
| 186    | 13.584 | 13.541 | 13.620 | VV | 15968  | 256232  | 4.24%   | 0.182% |  |
| 187    | 13.650 | 13.620 | 13.668 | VV | 2020   | 29748   | 0.49%   | 0.021% |  |
| 188    | 13.698 | 13.668 | 13.719 | VV | 11685  | 215098  | 3.56%   | 0.153% |  |
| 189    | 13.730 | 13.719 | 13.754 | VV | 8919   | 109774  | 1.82%   | 0.078% |  |
| 190    | 13.774 | 13.754 | 13.798 | VV | 4899   | 63296   | 1.05%   | 0.045% |  |
| 191    | 13.829 | 13.798 | 13.839 | VV | 4782   | 69128   | 1.14%   | 0.049% |  |
| 192    | 13.861 | 13.839 | 13.882 | VV | 8444   | 131781  | 2.18%   | 0.094% |  |
| 193    | 13.902 | 13.882 | 13.941 | VV | 6272   | 91198   | 1.51%   | 0.065% |  |
| 194    | 13.977 | 13.941 | 14.007 | VV | 3779   | 75748   | 1.25%   | 0.054% |  |

Instrument :

FID\_C

ClientSampleId :

SU-ESM-04

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/30/2025

Supervised By :mohammad ahmed 10/01/2025

|     |        |        |        |    |       |         |        |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
| 195 | 14.017 | 14.007 | 14.028 | VV | 1387  | 15707   | 0.26%  | 0.011% |
| 196 | 14.060 | 14.028 | 14.101 | VV | 2397  | 65903   |        |        |
| 197 | 14.115 | 14.101 | 14.128 | VV | 754   | 7365    |        |        |
| 198 | 14.221 | 14.128 | 14.242 | PV | 4176  | 86252   |        |        |
| 199 | 14.271 | 14.242 | 14.284 | VV | 5006  | 80260   |        |        |
| 200 | 14.320 | 14.284 | 14.359 | VV | 10824 | 250918  |        |        |
| 201 | 14.391 | 14.359 | 14.414 | VV | 11668 | 184120  | 3.05%  | 0.131% |
| 202 | 14.423 | 14.414 | 14.464 | VV | 3439  | 55517   | 0.92%  | 0.039% |
| 203 | 14.498 | 14.464 | 14.538 | VV | 14037 | 243722  | 4.03%  | 0.173% |
| 204 | 14.563 | 14.538 | 14.586 | VV | 17209 | 229943  | 3.80%  | 0.163% |
| 205 | 14.622 | 14.586 | 14.646 | VV | 13209 | 235997  | 3.90%  | 0.168% |
| 206 | 14.653 | 14.646 | 14.671 | VV | 2690  | 31056   | 0.51%  | 0.022% |
| 207 | 14.687 | 14.671 | 14.700 | VV | 2380  | 29111   | 0.48%  | 0.021% |
| 208 | 14.715 | 14.700 | 14.728 | VV | 2332  | 31351   | 0.52%  | 0.022% |
| 209 | 14.747 | 14.728 | 14.793 | VV | 3855  | 85895   | 1.42%  | 0.061% |
| 210 | 14.827 | 14.793 | 14.844 | VV | 2548  | 38367   | 0.63%  | 0.027% |
| 211 | 14.874 | 14.844 | 14.894 | VV | 49788 | 627021  | 10.37% | 0.445% |
| 212 | 14.916 | 14.894 | 14.952 | VV | 66908 | 880453  | 14.56% | 0.625% |
| 213 | 14.978 | 14.952 | 15.001 | VV | 5364  | 83345   | 1.38%  | 0.059% |
| 214 | 15.036 | 15.001 | 15.058 | VV | 11841 | 171223  | 2.83%  | 0.122% |
| 215 | 15.072 | 15.058 | 15.092 | VV | 2915  | 49414   | 0.82%  | 0.035% |
| 216 | 15.108 | 15.092 | 15.149 | VV | 2590  | 59436   | 0.98%  | 0.042% |
| 217 | 15.183 | 15.149 | 15.201 | PV | 6238  | 103430  | 1.71%  | 0.073% |
| 218 | 15.215 | 15.201 | 15.248 | VV | 5107  | 105999  | 1.75%  | 0.075% |
| 219 | 15.266 | 15.248 | 15.284 | VV | 3208  | 58206   | 0.96%  | 0.041% |
| 220 | 15.313 | 15.284 | 15.348 | VV | 35905 | 550994  | 9.11%  | 0.391% |
| 221 | 15.363 | 15.348 | 15.398 | VV | 4134  | 88495   | 1.46%  | 0.063% |
| 222 | 15.415 | 15.398 | 15.427 | VV | 2567  | 37931   | 0.63%  | 0.027% |
| 223 | 15.475 | 15.427 | 15.498 | VV | 30619 | 596938  | 9.87%  | 0.424% |
| 224 | 15.510 | 15.498 | 15.521 | VV | 7149  | 87269   | 1.44%  | 0.062% |
| 225 | 15.548 | 15.521 | 15.568 | VV | 14719 | 264320  | 4.37%  | 0.188% |
| 226 | 15.585 | 15.568 | 15.619 | VV | 14114 | 232316  | 3.84%  | 0.165% |
| 227 | 15.630 | 15.619 | 15.650 | VV | 4342  | 66892   | 1.11%  | 0.047% |
| 228 | 15.709 | 15.650 | 15.753 | VV | 10242 | 378407  | 6.26%  | 0.269% |
| 229 | 15.789 | 15.753 | 15.805 | VV | 5800  | 128772  | 2.13%  | 0.091% |
| 230 | 15.827 | 15.805 | 15.858 | VV | 8282  | 178583  | 2.95%  | 0.127% |
| 231 | 15.872 | 15.858 | 15.893 | VV | 5118  | 96430   | 1.60%  | 0.068% |
| 232 | 15.911 | 15.893 | 15.931 | VV | 5829  | 107781  | 1.78%  | 0.077% |
| 233 | 15.959 | 15.931 | 16.001 | VV | 8061  | 242650  | 4.01%  | 0.172% |
| 234 | 16.021 | 16.001 | 16.045 | VV | 9193  | 165182  | 2.73%  | 0.117% |
| 235 | 16.054 | 16.045 | 16.077 | VV | 5187  | 89457   | 1.48%  | 0.064% |
| 236 | 16.090 | 16.077 | 16.103 | VV | 4330  | 65918   | 1.09%  | 0.047% |
| 237 | 16.158 | 16.103 | 16.201 | VV | 8916  | 375566  | 6.21%  | 0.267% |
| 238 | 16.222 | 16.201 | 16.244 | VV | 8035  | 178945  | 2.96%  | 0.127% |
| 239 | 16.263 | 16.244 | 16.284 | VV | 8347  | 186838  | 3.09%  | 0.133% |
| 240 | 16.328 | 16.284 | 16.388 | VV | 36097 | 945467  | 15.64% | 0.671% |
| 241 | 16.438 | 16.388 | 16.491 | VV | 86938 | 1945549 | 32.18% | 1.381% |
| 242 | 16.524 | 16.491 | 16.546 | VV | 19811 | 446539  | 7.39%  | 0.317% |
| 243 | 16.568 | 16.546 | 16.594 | VV | 20159 | 419812  | 6.94%  | 0.298% |
| 244 | 16.608 | 16.594 | 16.635 | VV | 12855 | 280077  | 4.63%  | 0.199% |
| 245 | 16.691 | 16.635 | 16.704 | VV | 13391 | 473534  | 7.83%  | 0.336% |
| 246 | 16.758 | 16.704 | 16.787 | VV | 52004 | 1193175 | 19.74% | 0.847% |

Instrument :

FID\_C

ClientSampleId :

SU-ESM-04

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/30/2025

Supervised By :mohammad ahmed 10/01/2025

|            |        |        |        |    |        |         | Instrument : FID_C         |        |
|------------|--------|--------|--------|----|--------|---------|----------------------------|--------|
|            |        |        |        |    |        |         | ClientSampleId : SU-ESM-04 |        |
| Parameters |        |        |        |    |        |         |                            |        |
| 247        | 16.815 | 16.787 | 16.864 | VV | 58323  | 1157307 | 19.14%                     | 0.822% |
| 248        | 16.915 | 16.864 | 16.942 | VV | 27356  | 905244  | 14.71%                     | 0.756% |
| 249        | 16.986 | 16.942 | 17.018 | VV | 34515  | 1020307 | 16.51%                     | 0.822% |
| 250        | 17.060 | 17.018 | 17.079 | VV | 17629  | 615922  | 10.31%                     | 0.756% |
|            |        |        |        |    |        |         | Manual Integration         |        |
| 251        | 17.116 | 17.079 | 17.140 | VV | 17989  | 629187  | 10.31%                     | 0.822% |
| 252        | 17.179 | 17.140 | 17.216 | VV | 22021  | 913456  | 15.04%                     | 0.822% |
| 253        | 17.226 | 17.216 | 17.235 | VV | 19601  | 206102  | 3.41%                      | 0.146% |
| 254        | 17.273 | 17.235 | 17.318 | VV | 85501  | 1968325 | 32.56%                     | 1.397% |
| 255        | 17.360 | 17.318 | 17.388 | VV | 53822  | 1381451 | 22.85%                     | 0.981% |
|            |        |        |        |    |        |         | Reviewed By : Yogesh       |        |
|            |        |        |        |    |        |         | Supervised By : m          |        |
| 256        | 17.407 | 17.388 | 17.425 | VV | 22289  | 467831  | 7.74%                      | 0.332% |
| 257        | 17.446 | 17.425 | 17.461 | VV | 23679  | 479534  | 7.93%                      | 0.340% |
| 258        | 17.486 | 17.461 | 17.512 | VV | 24007  | 673097  | 11.13%                     | 0.478% |
| 259        | 17.533 | 17.512 | 17.555 | VV | 23248  | 542659  | 8.98%                      | 0.385% |
| 260        | 17.579 | 17.555 | 17.591 | VV | 20359  | 432459  | 7.15%                      | 0.307% |
|            |        |        |        |    |        |         |                            |        |
| 261        | 17.637 | 17.591 | 17.651 | VV | 21275  | 733795  | 12.14%                     | 0.521% |
| 262        | 17.665 | 17.651 | 17.682 | VV | 21769  | 395231  | 6.54%                      | 0.281% |
| 263        | 17.723 | 17.682 | 17.742 | VV | 26660  | 848191  | 14.03%                     | 0.602% |
| 264        | 17.797 | 17.742 | 17.850 | VV | 33767  | 1754621 | 29.03%                     | 1.246% |
| 265        | 17.887 | 17.850 | 17.908 | VV | 41280  | 1064590 | 17.61%                     | 0.756% |
|            |        |        |        |    |        |         |                            |        |
| 266        | 17.955 | 17.908 | 17.974 | VV | 34591  | 1162730 | 19.23%                     | 0.826% |
| 267        | 17.984 | 17.974 | 18.008 | VV | 30567  | 579305  | 9.58%                      | 0.411% |
| 268        | 18.035 | 18.008 | 18.071 | VV | 31135  | 1045339 | 17.29%                     | 0.742% |
| 269        | 18.100 | 18.071 | 18.128 | VV | 32858  | 1009034 | 16.69%                     | 0.716% |
| 270        | 18.156 | 18.128 | 18.175 | VV | 70287  | 1437494 | 23.78%                     | 1.021% |
|            |        |        |        |    |        |         |                            |        |
| 271        | 18.190 | 18.175 | 18.204 | VV | 59559  | 883647  | 14.62%                     | 0.627% |
| 272        | 18.223 | 18.204 | 18.264 | VV | 76653  | 1753509 | 29.01%                     | 1.245% |
| 273        | 18.278 | 18.264 | 18.293 | VV | 29952  | 501371  | 8.29%                      | 0.356% |
| 274        | 18.322 | 18.293 | 18.341 | VV | 44219  | 1022392 | 16.91%                     | 0.726% |
| 275        | 18.357 | 18.341 | 18.417 | VV | 40155  | 1469318 | 24.31%                     | 1.043% |
|            |        |        |        |    |        |         |                            |        |
| 276        | 18.446 | 18.417 | 18.473 | VV | 56572  | 1321267 | 21.86%                     | 0.938% |
| 277        | 18.511 | 18.473 | 18.554 | VV | 36277  | 1627813 | 26.93%                     | 1.156% |
| 278        | 18.580 | 18.554 | 18.592 | VV | 39967  | 798733  | 13.21%                     | 0.567% |
| 279        | 18.616 | 18.592 | 18.681 | VV | 62796  | 2233458 | 36.95%                     | 1.586% |
| 280        | 18.747 | 18.681 | 18.778 | VV | 88387  | 3081892 | 50.98%                     | 2.188% |
|            |        |        |        |    |        |         |                            |        |
| 281        | 18.799 | 18.778 | 18.819 | VV | 57190  | 1189887 | 19.68%                     | 0.845% |
| 282        | 18.838 | 18.819 | 18.867 | VV | 61189  | 1324828 | 21.92%                     | 0.941% |
| 283        | 18.880 | 18.867 | 18.892 | VV | 34674  | 514114  | 8.50%                      | 0.365% |
| 284        | 18.991 | 18.892 | 19.016 | VV | 163434 | 4965691 | 82.14%                     | 3.526% |
| 285        | 19.035 | 19.016 | 19.085 | VV | 75267  | 2294677 | 37.96%                     | 1.629% |
|            |        |        |        |    |        |         |                            |        |
| 286        | 19.122 | 19.085 | 19.151 | VV | 65371  | 2040760 | 33.76%                     | 1.449% |
| 287        | 19.171 | 19.151 | 19.198 | VV | 57413  | 1378031 | 22.80%                     | 0.978% |
| 288        | 19.210 | 19.198 | 19.224 | VV | 39364  | 588584  | 9.74%                      | 0.418% |
| 289        | 19.248 | 19.224 | 19.262 | VV | 52532  | 1053768 | 17.43%                     | 0.748% |
| 290        | 19.274 | 19.262 | 19.318 | VV | 53310  | 1527594 | 25.27%                     | 1.085% |
|            |        |        |        |    |        |         |                            |        |
| 291        | 19.336 | 19.318 | 19.368 | VV | 40079  | 1135333 | 18.78%                     | 0.806% |
| 292        | 19.405 | 19.368 | 19.430 | VV | 42217  | 1468471 | 24.29%                     | 1.043% |
| 293        | 19.487 | 19.430 | 19.506 | VV | 79221  | 2365448 | 39.13%                     | 1.679% |
| 294        | 19.526 | 19.506 | 19.576 | VV | 71585  | 2153911 | 35.63%                     | 1.529% |
| 295        | 19.607 | 19.576 | 19.624 | VV | 50968  | 1332232 | 22.04%                     | 0.946% |
|            |        |        |        |    |        |         |                            |        |
| 296        | 19.640 | 19.624 | 19.654 | VV | 49272  | 850639  | 14.07%                     | 0.604% |
| 297        | 19.703 | 19.654 | 19.737 | VV | 59645  | 2494735 | 41.27%                     | 1.771% |
| 298        | 19.766 | 19.737 | 19.812 | VV | 94636  | 2891458 | 47.83%                     | 2.053% |
| 299        | 19.823 | 19.812 | 19.839 | VV | 47995  | 766601  | 12.68%                     | 0.544% |

Instrument :

FID\_C

ClientSampleId :

SU-ESM-04

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/30/2025

Supervised By :mohammad ahmed 10/01/2025

|     |        |        |        |    | rt    | Area    | Area%  | Height |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
| 300 | 19.854 | 19.839 | 19.867 | VV | 46223 | 754330  | 12.48% | 0.536% |
| 301 | 19.881 | 19.867 | 19.915 | VV | 46383 | 1246810 | 20.00% | 0.536% |
| 302 | 19.986 | 19.915 | 20.015 | VV | 53820 | 2864526 | 47.00% | 0.536% |
| 303 | 20.046 | 20.015 | 20.069 | VV | 46515 | 1424004 | 23.00% | 0.536% |
| 304 | 20.078 | 20.069 | 20.089 | VV | 44167 | 529385  | 8.00%  | 0.536% |
| 305 | 20.100 | 20.089 | 20.118 | VV | 43984 | 739183  | 12.00% | 0.536% |
| 306 | 20.136 | 20.118 | 20.145 | VV | 45154 | 699204  | 11.57% | 0.496% |
| 307 | 20.158 | 20.145 | 20.184 | VV | 45561 | 1009939 | 16.71% | 0.717% |
| 308 | 20.202 | 20.184 | 20.225 | VV | 40336 | 954317  | 15.79% | 0.678% |
| 309 | 20.240 | 20.225 | 20.257 | VV | 41338 | 771854  | 12.77% | 0.548% |
| 310 | 20.270 | 20.257 | 20.290 | VV | 43067 | 802105  | 13.27% | 0.569% |
| 311 | 20.315 | 20.290 | 20.335 | VV | 44605 | 1153979 | 19.09% | 0.819% |
| 312 | 20.368 | 20.335 | 20.391 | VV | 47798 | 1506671 | 24.92% | 1.070% |
| 313 | 20.402 | 20.391 | 20.455 | VV | 46869 | 1621875 | 26.83% | 1.152% |
| 314 | 20.467 | 20.455 | 20.488 | VV | 38155 | 732241  | 12.11% | 0.520% |
| 315 | 20.511 | 20.488 | 20.544 | VV | 37345 | 1149916 | 19.02% | 0.816% |
| 316 | 20.567 | 20.544 | 20.595 | VV | 36254 | 1075650 | 17.79% | 0.764% |
| 317 | 20.655 | 20.595 | 20.681 | VV | 38567 | 1912798 | 31.64% | 1.358% |
| 318 | 20.697 | 20.681 | 20.800 | VV | 36211 | 2083116 | 34.46% | 1.479% |
| 319 | 20.825 | 20.800 | 20.845 | VV | 24680 | 618899  | 10.24% | 0.439% |
| 320 | 20.879 | 20.845 | 20.887 | VV | 26627 | 638552  | 10.56% | 0.453% |
| 321 | 20.927 | 20.887 | 20.962 | VV | 31125 | 1322824 | 21.88% | 0.939% |
| 322 | 20.973 | 20.962 | 20.993 | VV | 29842 | 518019  | 8.57%  | 0.368% |
| 323 | 21.008 | 20.993 | 21.067 | VV | 27445 | 1064056 | 17.60% | 0.755% |
| 324 | 21.077 | 21.067 | 21.103 | VV | 19026 | 379851  | 6.28%  | 0.270% |
| 325 | 21.122 | 21.103 | 21.146 | VV | 16949 | 407245  | 6.74%  | 0.289% |
| 326 | 21.174 | 21.146 | 21.198 | VV | 18676 | 516328  | 8.54%  | 0.367% |
| 327 | 21.240 | 21.198 | 21.275 | VV | 19457 | 840744  | 13.91% | 0.597% |
| 328 | 21.282 | 21.275 | 21.291 | VV | 18264 | 176677  | 2.92%  | 0.125% |
| 329 | 21.308 | 21.291 | 21.341 | VV | 19319 | 529337  | 8.76%  | 0.376% |
| 330 | 21.353 | 21.341 | 21.403 | VV | 17351 | 584142  | 9.66%  | 0.415% |
| 331 | 21.427 | 21.403 | 21.480 | VV | 16248 | 641240  | 10.61% | 0.455% |
| 332 | 21.498 | 21.480 | 21.515 | VV | 12920 | 240149  | 3.97%  | 0.171% |
| 333 | 21.570 | 21.515 | 21.588 | VV | 13791 | 532466  | 8.81%  | 0.378% |
| 334 | 21.600 | 21.588 | 21.619 | VV | 12996 | 228010  | 3.77%  | 0.162% |
| 335 | 21.633 | 21.619 | 21.691 | VV | 11759 | 430734  | 7.13%  | 0.306% |
| 336 | 21.713 | 21.691 | 21.738 | VV | 10702 | 240617  | 3.98%  | 0.171% |
| 337 | 21.745 | 21.738 | 21.772 | VV | 7775  | 126198  | 2.09%  | 0.090% |
| 338 | 21.792 | 21.772 | 21.831 | VV | 5504  | 117784  | 1.95%  | 0.084% |
| 339 | 21.873 | 21.831 | 21.904 | PV | 4046  | 88681   | 1.47%  | 0.063% |

Sum of corrected areas: 140846342

Aliphatic EPH 092325.M Tue Sep 30 05:16:56 2025