

Instrument :

FID\_C

ClientSampleId :

72-12002DL

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC10192  
 Data File : FC056268.D  
 Signal(s) : FID1A.CH  
 Acq On : 19 Oct 2021 21:41  
 Sample : M4248-03DL 5X  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Reviewed By :Ankita Jodhani 10/20/2021  
 Supervised By :mohammad ahmed 10/20/2021

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 092921.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         | 3.476       | 3.438        | 3.489      | BV       | 163            | 1361         | 0.00%          | 0.000%        |
| 2         | 3.502       | 3.489        | 3.521      | PV       | 172            | 1959         | 0.00%          | 0.000%        |
| 3         | 3.536       | 3.521        | 3.581      | VV       | 318            | 6083         | 0.01%          | 0.000%        |
| 4         | 3.591       | 3.581        | 3.662      | VV       | 213            | 4937         | 0.01%          | 0.000%        |
| 5         | 3.676       | 3.662        | 3.703      | PV       | 264            | 4420         | 0.01%          | 0.000%        |
| 6         | 3.743       | 3.703        | 3.758      | VV       | 1055           | 16152        | 0.03%          | 0.001%        |
| 7         | 3.770       | 3.758        | 3.810      | VV       | 3219           | 33738        | 0.06%          | 0.002%        |
| 8         | 3.825       | 3.810        | 3.837      | VV       | 275            | 3196         | 0.01%          | 0.000%        |
| 9         | 3.868       | 3.837        | 3.932      | VV       | 1882           | 33401        | 0.06%          | 0.002%        |
| 10        | 3.954       | 3.932        | 3.972      | VV       | 668            | 12987        | 0.02%          | 0.001%        |
| 11        | 3.977       | 3.972        | 4.006      | VV       | 562            | 8961         | 0.02%          | 0.000%        |
| 12        | 4.015       | 4.006        | 4.030      | VV       | 440            | 4743         | 0.01%          | 0.000%        |
| 13        | 4.092       | 4.030        | 4.125      | VV       | 541            | 24421        | 0.04%          | 0.001%        |
| 14        | 4.137       | 4.125        | 4.155      | VV       | 485            | 5385         | 0.01%          | 0.000%        |
| 15        | 4.166       | 4.155        | 4.178      | VV       | 302            | 3507         | 0.01%          | 0.000%        |
| 16        | 4.187       | 4.178        | 4.249      | VV       | 564            | 16483        | 0.03%          | 0.001%        |
| 17        | 4.261       | 4.249        | 4.322      | VV       | 355            | 11175        | 0.02%          | 0.001%        |
| 18        | 4.333       | 4.322        | 4.391      | VV       | 305            | 9793         | 0.02%          | 0.000%        |
| 19        | 4.407       | 4.391        | 4.425      | VV       | 237            | 3782         | 0.01%          | 0.000%        |
| 20        | 4.448       | 4.425        | 4.474      | PV       | 335            | 5184         | 0.01%          | 0.000%        |
| 21        | 4.495       | 4.474        | 4.521      | VV       | 325            | 5879         | 0.01%          | 0.000%        |
| 22        | 4.538       | 4.521        | 4.588      | VV       | 324            | 6146         | 0.01%          | 0.000%        |
| 23        | 4.599       | 4.588        | 4.618      | VV       | 128            | 1319         | 0.00%          | 0.000%        |
| 24        | 4.648       | 4.618        | 4.688      | PV       | 652            | 14230        | 0.02%          | 0.001%        |
| 25        | 4.698       | 4.688        | 4.712      | VV       | 332            | 3866         | 0.01%          | 0.000%        |
| 26        | 4.738       | 4.712        | 4.755      | VV       | 395            | 6728         | 0.01%          | 0.000%        |
| 27        | 4.782       | 4.755        | 4.792      | VV       | 330            | 5258         | 0.01%          | 0.000%        |
| 28        | 4.799       | 4.792        | 4.814      | VV       | 251            | 2561         | 0.00%          | 0.000%        |
| 29        | 4.835       | 4.814        | 4.845      | VV       | 323            | 4617         | 0.01%          | 0.000%        |
| 30        | 4.857       | 4.845        | 4.873      | VV       | 263            | 3476         | 0.01%          | 0.000%        |
| 31        | 4.880       | 4.873        | 4.895      | VV       | 233            | 2067         | 0.00%          | 0.000%        |
| 32        | 4.928       | 4.895        | 4.968      | VV       | 712            | 13068        | 0.02%          | 0.001%        |
| 33        | 4.981       | 4.968        | 4.989      | VV       | 290            | 2269         | 0.00%          | 0.000%        |
| 34        | 5.007       | 4.989        | 5.028      | VV       | 256            | 4015         | 0.01%          | 0.000%        |
| 35        | 5.048       | 5.028        | 5.068      | VV       | 311            | 5185         | 0.01%          | 0.000%        |
| 36        | 5.083       | 5.068        | 5.102      | VV       | 613            | 6257         | 0.01%          | 0.000%        |

|    |       |       |       |    |       |        |       |        |
|----|-------|-------|-------|----|-------|--------|-------|--------|
| 37 | 5.108 | 5.102 | 5.125 | VV | 258   | 3064   | 0.01% | 0.000% |
| 38 | 5.144 | 5.125 | 5.159 | VV | 688   | 7940   | 0.01% | 0.000% |
| 39 | 5.176 | 5.159 | 5.235 | VV | 898   | 20194  | 0.01% | 0.000% |
| 40 | 5.274 | 5.235 | 5.292 | PV | 288   | 5845   | 0.01% | 0.000% |
| 41 | 5.327 | 5.292 | 5.342 | VV | 452   | 8822   | 0.01% | 0.000% |
| 42 | 5.359 | 5.342 | 5.367 | VV | 420   | 4756   | 0.01% | 0.000% |
| 43 | 5.385 | 5.367 | 5.468 | VV | 1929  | 33016  | 0.06% | 0.002% |
| 44 | 5.494 | 5.468 | 5.503 | VV | 888   | 11342  | 0.02% | 0.001% |
| 45 | 5.521 | 5.503 | 5.540 | VV | 1918  | 25298  | 0.04% | 0.001% |
| 46 | 5.555 | 5.540 | 5.573 | VV | 2006  | 19823  | 0.03% | 0.001% |
| 47 | 5.584 | 5.573 | 5.598 | VV | 406   | 4609   | 0.01% | 0.000% |
| 48 | 5.623 | 5.598 | 5.655 | VV | 457   | 8695   | 0.01% | 0.000% |
| 49 | 5.679 | 5.655 | 5.714 | PV | 3419  | 49093  | 0.08% | 0.002% |
| 50 | 5.736 | 5.714 | 5.770 | VV | 464   | 11861  | 0.02% | 0.001% |
| 51 | 5.791 | 5.770 | 5.810 | VV | 644   | 8337   | 0.01% | 0.000% |
| 52 | 5.830 | 5.810 | 5.845 | PV | 766   | 8362   | 0.01% | 0.000% |
| 53 | 5.865 | 5.845 | 5.878 | VV | 862   | 11392  | 0.02% | 0.001% |
| 54 | 5.897 | 5.878 | 5.927 | VV | 1185  | 21544  | 0.04% | 0.001% |
| 55 | 5.945 | 5.927 | 5.962 | VV | 650   | 7878   | 0.01% | 0.000% |
| 56 | 6.011 | 5.962 | 6.033 | VV | 4108  | 68948  | 0.12% | 0.003% |
| 57 | 6.045 | 6.033 | 6.059 | VV | 1280  | 14532  | 0.02% | 0.001% |
| 58 | 6.089 | 6.059 | 6.103 | VV | 2029  | 37754  | 0.06% | 0.002% |
| 59 | 6.143 | 6.103 | 6.164 | VV | 4543  | 81038  | 0.14% | 0.004% |
| 60 | 6.190 | 6.164 | 6.206 | VV | 4121  | 62519  | 0.11% | 0.003% |
| 61 | 6.231 | 6.206 | 6.266 | VV | 3475  | 92468  | 0.16% | 0.005% |
| 62 | 6.286 | 6.266 | 6.325 | VV | 3876  | 86721  | 0.15% | 0.004% |
| 63 | 6.342 | 6.325 | 6.368 | VV | 2505  | 53913  | 0.09% | 0.003% |
| 64 | 6.399 | 6.368 | 6.416 | VV | 5614  | 105029 | 0.18% | 0.005% |
| 65 | 6.433 | 6.416 | 6.482 | VV | 6809  | 161943 | 0.28% | 0.008% |
| 66 | 6.494 | 6.482 | 6.508 | VV | 2287  | 34853  | 0.06% | 0.002% |
| 67 | 6.530 | 6.508 | 6.550 | VV | 5497  | 87356  | 0.15% | 0.004% |
| 68 | 6.571 | 6.550 | 6.582 | VV | 6542  | 87687  | 0.15% | 0.004% |
| 69 | 6.589 | 6.582 | 6.598 | VV | 5157  | 48231  | 0.08% | 0.002% |
| 70 | 6.614 | 6.598 | 6.624 | VV | 6730  | 94467  | 0.16% | 0.005% |
| 71 | 6.632 | 6.624 | 6.642 | VV | 6611  | 64147  | 0.11% | 0.003% |
| 72 | 6.670 | 6.642 | 6.707 | VV | 9465  | 229124 | 0.39% | 0.011% |
| 73 | 6.741 | 6.707 | 6.766 | VV | 8485  | 192660 | 0.33% | 0.010% |
| 74 | 6.802 | 6.766 | 6.825 | VV | 9402  | 240176 | 0.41% | 0.012% |
| 75 | 6.844 | 6.825 | 6.856 | VV | 8732  | 141215 | 0.24% | 0.007% |
| 76 | 6.877 | 6.856 | 6.896 | VV | 10129 | 193358 | 0.33% | 0.010% |
| 77 | 6.912 | 6.896 | 6.920 | VV | 8173  | 110302 | 0.19% | 0.006% |
| 78 | 6.941 | 6.920 | 6.957 | VV | 13789 | 231524 | 0.39% | 0.012% |
| 79 | 6.974 | 6.957 | 6.988 | VV | 13967 | 210332 | 0.36% | 0.011% |
| 80 | 7.001 | 6.988 | 7.012 | VV | 12527 | 170076 | 0.29% | 0.009% |
| 81 | 7.034 | 7.012 | 7.061 | VV | 16216 | 392026 | 0.67% | 0.020% |
| 82 | 7.097 | 7.061 | 7.112 | VV | 15731 | 388140 | 0.66% | 0.019% |
| 83 | 7.132 | 7.112 | 7.153 | VV | 17073 | 347570 | 0.59% | 0.017% |
| 84 | 7.191 | 7.153 | 7.221 | VV | 21342 | 683017 | 1.16% | 0.034% |
| 85 | 7.235 | 7.221 | 7.249 | VV | 16433 | 238580 | 0.41% | 0.012% |
| 86 | 7.279 | 7.249 | 7.293 | VV | 21201 | 449264 | 0.76% | 0.023% |
| 87 | 7.306 | 7.293 | 7.338 | VV | 19780 | 462967 | 0.79% | 0.023% |
| 88 | 7.364 | 7.338 | 7.373 | VV | 21553 | 396978 | 0.68% | 0.020% |
| 89 | 7.386 | 7.373 | 7.402 | VV | 23149 | 371710 | 0.63% | 0.019% |

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|     |       |       |       |    |        |          |        |        |
|-----|-------|-------|-------|----|--------|----------|--------|--------|
| 90  | 7.416 | 7.402 | 7.430 | VV | 22912  | 346397   | 0.59%  | 0.017% |
| 91  | 7.448 | 7.430 | 7.460 | VV | 22944  | 384105   |        |        |
| 92  | 7.486 | 7.460 | 7.505 | VV | 26058  | 626437   |        |        |
| 93  | 7.533 | 7.505 | 7.541 | VV | 24040  | 468412   |        |        |
| 94  | 7.578 | 7.541 | 7.611 | VV | 38089  | 1251797  |        |        |
| 95  | 7.621 | 7.611 | 7.643 | VV | 25295  | 458123   |        |        |
| 96  | 7.661 | 7.643 | 7.671 | VV | 30620  | 435528   | 0.74%  | 0.022% |
| 97  | 7.711 | 7.671 | 7.765 | VV | 124015 | 2955686  | 5.03%  | 0.148% |
| 98  | 7.786 | 7.765 | 7.803 | VV | 35772  | 723747   | 1.23%  | 0.036% |
| 99  | 7.836 | 7.803 | 7.855 | VV | 58874  | 1345032  | 2.29%  | 0.067% |
| 100 | 7.881 | 7.855 | 7.902 | VV | 45913  | 1130444  | 1.92%  | 0.057% |
| 101 | 7.981 | 7.902 | 7.995 | VV | 65067  | 2691904  | 4.58%  | 0.135% |
| 102 | 8.013 | 7.995 | 8.062 | VV | 95779  | 2419492  | 4.12%  | 0.121% |
| 103 | 8.082 | 8.062 | 8.133 | VV | 86618  | 2892562  | 4.92%  | 0.145% |
| 104 | 8.157 | 8.133 | 8.180 | VV | 73555  | 1811957  | 3.08%  | 0.091% |
| 105 | 8.201 | 8.180 | 8.217 | VV | 109919 | 1792121  | 3.05%  | 0.090% |
| 106 | 8.229 | 8.217 | 8.244 | VV | 87678  | 1256409  | 2.14%  | 0.063% |
| 107 | 8.262 | 8.244 | 8.279 | VV | 82495  | 1582005  | 2.69%  | 0.079% |
| 108 | 8.312 | 8.279 | 8.329 | VV | 77771  | 2151853  | 3.66%  | 0.108% |
| 109 | 8.363 | 8.329 | 8.392 | VV | 100386 | 3222267  | 5.48%  | 0.162% |
| 110 | 8.439 | 8.392 | 8.470 | VV | 278205 | 6077980  | 10.35% | 0.305% |
| 111 | 8.492 | 8.470 | 8.507 | VV | 103993 | 2079945  | 3.54%  | 0.104% |
| 112 | 8.529 | 8.507 | 8.571 | VV | 118859 | 4161080  | 7.08%  | 0.209% |
| 113 | 8.585 | 8.571 | 8.603 | VV | 136439 | 2202260  | 3.75%  | 0.110% |
| 114 | 8.631 | 8.603 | 8.646 | VV | 133971 | 2864321  | 4.88%  | 0.144% |
| 115 | 8.667 | 8.646 | 8.688 | VV | 174445 | 3490940  | 5.94%  | 0.175% |
| 116 | 8.700 | 8.688 | 8.712 | VV | 119530 | 1658396  | 2.82%  | 0.083% |
| 117 | 8.735 | 8.712 | 8.758 | VV | 332307 | 5508135  | 9.38%  | 0.276% |
| 118 | 8.776 | 8.758 | 8.783 | VV | 176995 | 2437574  | 4.15%  | 0.122% |
| 119 | 8.800 | 8.783 | 8.826 | VV | 273593 | 4923648  | 8.38%  | 0.247% |
| 120 | 8.843 | 8.826 | 8.862 | VV | 150954 | 2943163  | 5.01%  | 0.148% |
| 121 | 8.925 | 8.862 | 8.943 | VV | 192733 | 7932239  | 13.50% | 0.398% |
| 122 | 8.956 | 8.943 | 8.985 | VV | 181824 | 4037429  | 6.87%  | 0.202% |
| 123 | 9.021 | 8.985 | 9.054 | VV | 203064 | 7227298  | 12.30% | 0.362% |
| 124 | 9.068 | 9.054 | 9.081 | VV | 221529 | 3149551  | 5.36%  | 0.158% |
| 125 | 9.093 | 9.081 | 9.108 | VV | 215999 | 3213925  | 5.47%  | 0.161% |
| 126 | 9.136 | 9.108 | 9.156 | VV | 240423 | 5495620  | 9.35%  | 0.276% |
| 127 | 9.179 | 9.156 | 9.201 | VV | 199440 | 4976111  | 8.47%  | 0.250% |
| 128 | 9.251 | 9.201 | 9.270 | VV | 244522 | 8233589  | 14.01% | 0.413% |
| 129 | 9.283 | 9.270 | 9.295 | VV | 208963 | 2843384  | 4.84%  | 0.143% |
| 130 | 9.325 | 9.295 | 9.343 | VV | 217984 | 6093347  | 10.37% | 0.306% |
| 131 | 9.389 | 9.343 | 9.401 | VV | 293872 | 8496758  | 14.46% | 0.426% |
| 132 | 9.411 | 9.401 | 9.443 | VV | 286685 | 6563863  | 11.17% | 0.329% |
| 133 | 9.470 | 9.443 | 9.479 | VV | 325670 | 5776292  | 9.83%  | 0.290% |
| 134 | 9.498 | 9.479 | 9.524 | VV | 533116 | 9637104  | 16.40% | 0.483% |
| 135 | 9.551 | 9.524 | 9.613 | VV | 411719 | 15847585 | 26.97% | 0.795% |
| 136 | 9.635 | 9.613 | 9.644 | VV | 294348 | 5142941  | 8.75%  | 0.258% |
| 137 | 9.671 | 9.644 | 9.687 | VV | 303213 | 7469813  | 12.71% | 0.375% |
| 138 | 9.724 | 9.687 | 9.741 | VV | 292777 | 9034103  | 15.38% | 0.453% |
| 139 | 9.759 | 9.741 | 9.769 | VV | 282545 | 4700794  | 8.00%  | 0.236% |
| 140 | 9.791 | 9.769 | 9.809 | VV | 319007 | 7059710  | 12.02% | 0.354% |
| 141 | 9.848 | 9.809 | 9.867 | VV | 349466 | 11410302 | 19.42% | 0.572% |

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|     |        |        |        |       |         |          |         |        |
|-----|--------|--------|--------|-------|---------|----------|---------|--------|
|     |        |        |        |       |         |          |         |        |
|     |        |        |        | rters |         |          |         |        |
| 142 | 9.889  | 9.867  | 9.921  | VV    | 355882  | 10838929 | 18.45%  | 0.544% |
| 143 | 9.936  | 9.921  | 9.948  | VV    | 347799  | 5621028  |         |        |
| 144 | 9.986  | 9.948  | 10.024 | VV    | 400777  | 16375868 |         |        |
| 145 | 10.058 | 10.024 | 10.085 | VV    | 421962  | 13923791 |         |        |
| 146 | 10.114 | 10.085 | 10.137 | VV    | 391893  | 11983540 |         |        |
| 147 | 10.156 | 10.137 | 10.172 | VV    | 414522  | 8255626  |         |        |
| 148 | 10.221 | 10.172 | 10.243 | VV    | 466730  | 18292305 | 31.14%  | 0.917% |
| 149 | 10.267 | 10.243 | 10.296 | VV    | 681799  | 17178993 | 29.24%  | 0.862% |
| 150 | 10.335 | 10.296 | 10.345 | VV    | 578505  | 15517238 | 26.41%  | 0.778% |
| 151 | 10.357 | 10.345 | 10.388 | VV    | 592906  | 13733589 | 23.38%  | 0.689% |
| 152 | 10.405 | 10.388 | 10.415 | VV    | 557012  | 8620244  | 14.67%  | 0.432% |
| 153 | 10.421 | 10.415 | 10.447 | VV    | 551682  | 9832160  | 16.74%  | 0.493% |
| 154 | 10.475 | 10.447 | 10.500 | VV    | 557910  | 16733069 | 28.48%  | 0.839% |
| 155 | 10.538 | 10.500 | 10.582 | VV    | 592985  | 27642522 | 47.05%  | 1.386% |
| 156 | 10.653 | 10.582 | 10.670 | VV    | 790941  | 33004141 | 56.18%  | 1.655% |
| 157 | 10.701 | 10.670 | 10.725 | VV    | 866854  | 24830764 | 42.26%  | 1.245% |
| 158 | 10.744 | 10.725 | 10.783 | VV    | 711993  | 23481329 | 39.97%  | 1.178% |
| 159 | 10.830 | 10.783 | 10.850 | VV    | 700446  | 26587661 | 45.26%  | 1.333% |
| 160 | 10.888 | 10.850 | 10.932 | VV    | 765084  | 34951763 | 59.49%  | 1.753% |
| 161 | 10.960 | 10.932 | 10.973 | VV    | 737788  | 17450770 | 29.70%  | 0.875% |
| 162 | 10.986 | 10.973 | 10.996 | VV    | 726876  | 9927131  | 16.90%  | 0.498% |
| 163 | 11.022 | 10.996 | 11.045 | VV    | 785207  | 21836029 | 37.17%  | 1.095% |
| 164 | 11.057 | 11.045 | 11.069 | VV    | 753715  | 11103750 | 18.90%  | 0.557% |
| 165 | 11.074 | 11.069 | 11.088 | VV    | 742422  | 8265560  | 14.07%  | 0.415% |
| 166 | 11.117 | 11.088 | 11.139 | VV    | 842185  | 24414147 | 41.56%  | 1.224% |
| 167 | 11.163 | 11.139 | 11.178 | VV    | 833569  | 18881515 | 32.14%  | 0.947% |
| 168 | 11.200 | 11.178 | 11.232 | VV    | 865547  | 26415712 | 44.96%  | 1.325% |
| 169 | 11.319 | 11.232 | 11.348 | VV    | 877446  | 58750531 | 100.00% | 2.946% |
| 170 | 11.363 | 11.348 | 11.377 | VV    | 843606  | 14381106 | 24.48%  | 0.721% |
| 171 | 11.389 | 11.377 | 11.397 | VV    | 838155  | 9634300  | 16.40%  | 0.483% |
| 172 | 11.424 | 11.397 | 11.467 | VV    | 1047279 | 38063864 | 64.79%  | 1.909% |
| 173 | 11.491 | 11.467 | 11.515 | VV    | 867456  | 24260742 | 41.29%  | 1.217% |
| 174 | 11.540 | 11.515 | 11.562 | VV    | 854385  | 23540083 | 40.07%  | 1.181% |
| 175 | 11.587 | 11.562 | 11.599 | VV    | 854736  | 18512080 | 31.51%  | 0.928% |
| 176 | 11.653 | 11.599 | 11.672 | VV    | 917438  | 37849758 | 64.42%  | 1.898% |
| 177 | 11.708 | 11.672 | 11.765 | VV    | 913918  | 48258822 | 82.14%  | 2.420% |
| 178 | 11.808 | 11.765 | 11.825 | VV    | 943569  | 31776192 | 54.09%  | 1.594% |
| 179 | 11.852 | 11.825 | 11.870 | VV    | 985293  | 25306004 | 43.07%  | 1.269% |
| 180 | 11.887 | 11.870 | 11.935 | VV    | 938269  | 34585355 | 58.87%  | 1.734% |
| 181 | 11.988 | 11.935 | 12.015 | VV    | 991560  | 43467287 | 73.99%  | 2.180% |
| 182 | 12.025 | 12.015 | 12.054 | VV    | 870046  | 19769116 | 33.65%  | 0.991% |
| 183 | 12.081 | 12.054 | 12.092 | VV    | 837465  | 18483690 | 31.46%  | 0.927% |
| 184 | 12.115 | 12.092 | 12.192 | VV    | 865185  | 49322806 | 83.95%  | 2.474% |
| 185 | 12.205 | 12.192 | 12.221 | VV    | 825290  | 14311958 | 24.36%  | 0.718% |
| 186 | 12.234 | 12.221 | 12.287 | VV    | 819700  | 31382385 | 53.42%  | 1.574% |
| 187 | 12.316 | 12.287 | 12.336 | VV    | 813007  | 23258548 | 39.59%  | 1.166% |
| 188 | 12.348 | 12.336 | 12.371 | VV    | 775457  | 15829097 | 26.94%  | 0.794% |
| 189 | 12.394 | 12.371 | 12.427 | VV    | 778744  | 25796279 | 43.91%  | 1.294% |
| 190 | 12.438 | 12.427 | 12.457 | VV    | 781619  | 13666293 | 23.26%  | 0.685% |
| 191 | 12.499 | 12.457 | 12.545 | VV    | 784406  | 39241059 | 66.79%  | 1.968% |
| 192 | 12.560 | 12.545 | 12.579 | VV    | 774990  | 15397246 | 26.21%  | 0.772% |
| 193 | 12.604 | 12.579 | 12.624 | VV    | 774946  | 19963388 | 33.98%  | 1.001% |
| 194 | 12.641 | 12.624 | 12.681 | VV    | 765253  | 24187690 | 41.17%  | 1.213% |

Instrument :

FID\_C

ClientSampleId :

72-12002DL

Manual IntegrationsAPPROVED

Reviewed By :Ankita Jodhani 10/20/2021

Supervised By :mohammad ahmed 10/20/2021

Instrument :

FID\_C

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 10/20/2021

|     |        |        |        |    | rt     | Area     | Height | Area%  | Height% |
|-----|--------|--------|--------|----|--------|----------|--------|--------|---------|
| 195 | 12.700 | 12.681 | 12.720 | VV | 696847 | 15521220 | 26.42% | 0.778% |         |
| 196 | 12.736 | 12.720 | 12.748 | VV | 689875 | 11394736 | 19.03% | 0.778% |         |
| 197 | 12.767 | 12.748 | 12.827 | VV | 681799 | 30638272 | 52.51% | 1.547% |         |
| 198 | 12.840 | 12.827 | 12.857 | VV | 631040 | 11148209 | 18.91% | 0.557% |         |
| 199 | 12.871 | 12.857 | 12.911 | VV | 618448 | 19625583 | 33.18% | 0.683% |         |
| 200 | 12.923 | 12.911 | 12.948 | VV | 606945 | 13076810 | 22.41% | 0.749% |         |
| 201 | 12.966 | 12.948 | 12.990 | VV | 609519 | 14926580 | 25.41% | 0.749% |         |
| 202 | 13.001 | 12.990 | 13.022 | VV | 584190 | 11111529 | 18.91% | 0.557% |         |
| 203 | 13.081 | 13.022 | 13.111 | VV | 608785 | 30850224 | 52.51% | 1.547% |         |
| 204 | 13.130 | 13.111 | 13.152 | VV | 589760 | 13616749 | 23.18% | 0.683% |         |
| 205 | 13.167 | 13.152 | 13.191 | VV | 556206 | 12852693 | 21.88% | 0.645% |         |
| 206 | 13.202 | 13.191 | 13.232 | VV | 537045 | 12840775 | 21.86% | 0.644% |         |
| 207 | 13.259 | 13.232 | 13.277 | VV | 513964 | 13385424 | 22.78% | 0.671% |         |
| 208 | 13.293 | 13.277 | 13.308 | VV | 516391 | 9356351  | 15.93% | 0.469% |         |
| 209 | 13.319 | 13.308 | 13.385 | VV | 488220 | 21787644 | 37.09% | 1.093% |         |
| 210 | 13.404 | 13.385 | 13.446 | VV | 465731 | 16782243 | 28.57% | 0.842% |         |
| 211 | 13.468 | 13.446 | 13.502 | VV | 465081 | 14988810 | 25.51% | 0.752% |         |
| 212 | 13.509 | 13.502 | 13.539 | VV | 456781 | 9746944  | 16.59% | 0.489% |         |
| 213 | 13.554 | 13.539 | 13.611 | VV | 435687 | 18074366 | 30.76% | 0.906% |         |
| 214 | 13.635 | 13.611 | 13.692 | VV | 403850 | 19036241 | 32.40% | 0.955% |         |
| 215 | 13.700 | 13.692 | 13.722 | VV | 401819 | 7023450  | 11.95% | 0.352% |         |
| 216 | 13.732 | 13.722 | 13.772 | VV | 390170 | 11181303 | 19.03% | 0.561% |         |
| 217 | 13.786 | 13.772 | 13.805 | VV | 350842 | 6871656  | 11.70% | 0.345% |         |
| 218 | 13.817 | 13.805 | 13.836 | VV | 344959 | 6383083  | 10.86% | 0.320% |         |
| 219 | 13.851 | 13.836 | 13.875 | VV | 335218 | 7626770  | 12.98% | 0.382% |         |
| 220 | 13.882 | 13.875 | 13.935 | VV | 329846 | 11620716 | 19.78% | 0.583% |         |
| 221 | 13.966 | 13.935 | 14.024 | VV | 322797 | 16327126 | 27.79% | 0.819% |         |
| 222 | 14.055 | 14.024 | 14.083 | VV | 316418 | 10510299 | 17.89% | 0.527% |         |
| 223 | 14.120 | 14.083 | 14.187 | VV | 292873 | 16962491 | 28.87% | 0.851% |         |
| 224 | 14.202 | 14.187 | 14.276 | VV | 263779 | 13174918 | 22.43% | 0.661% |         |
| 225 | 14.292 | 14.276 | 14.374 | VV | 236494 | 13298724 | 22.64% | 0.667% |         |
| 226 | 14.387 | 14.374 | 14.412 | VV | 216876 | 4671452  | 7.95%  | 0.234% |         |
| 227 | 14.433 | 14.412 | 14.497 | VV | 207310 | 10575064 | 18.00% | 0.530% |         |
| 228 | 14.509 | 14.497 | 14.631 | VV | 208761 | 14990682 | 25.52% | 0.752% |         |
| 229 | 14.644 | 14.631 | 14.707 | VV | 177362 | 7571754  | 12.89% | 0.380% |         |
| 230 | 14.731 | 14.707 | 14.795 | VV | 160362 | 7890868  | 13.43% | 0.396% |         |
| 231 | 14.807 | 14.795 | 14.901 | VV | 146893 | 8608150  | 14.65% | 0.432% |         |
| 232 | 14.919 | 14.901 | 14.945 | VV | 132893 | 3421981  | 5.82%  | 0.172% |         |
| 233 | 14.951 | 14.945 | 15.036 | VV | 129984 | 6601846  | 11.24% | 0.331% |         |
| 234 | 15.062 | 15.036 | 15.092 | VV | 130021 | 3931885  | 6.69%  | 0.197% |         |
| 235 | 15.110 | 15.092 | 15.135 | VV | 106135 | 2716474  | 4.62%  | 0.136% |         |
| 236 | 15.147 | 15.135 | 15.160 | VV | 102348 | 1468442  | 2.50%  | 0.074% |         |
| 237 | 15.169 | 15.160 | 15.338 | VV | 101451 | 9650886  | 16.43% | 0.484% |         |
| 238 | 15.350 | 15.338 | 15.378 | VV | 84710  | 1934166  | 3.29%  | 0.097% |         |
| 239 | 15.397 | 15.378 | 15.422 | VV | 79426  | 2063062  | 3.51%  | 0.103% |         |
| 240 | 15.451 | 15.422 | 15.560 | VV | 95604  | 6250687  | 10.64% | 0.313% |         |
| 241 | 15.580 | 15.560 | 15.674 | VV | 65111  | 4105825  | 6.99%  | 0.206% |         |
| 242 | 15.694 | 15.674 | 15.717 | VV | 58605  | 1472082  | 2.51%  | 0.074% |         |
| 243 | 15.740 | 15.717 | 15.804 | VV | 59558  | 2858087  | 4.86%  | 0.143% |         |
| 244 | 15.815 | 15.804 | 15.858 | VV | 51339  | 1588269  | 2.70%  | 0.080% |         |
| 245 | 15.865 | 15.858 | 15.941 | VV | 47050  | 2273785  | 3.87%  | 0.114% |         |
| 246 | 15.967 | 15.941 | 16.009 | VV | 47399  | 1782036  | 3.03%  | 0.089% |         |

|     |        |        |        |    |       |         |       |        |
|-----|--------|--------|--------|----|-------|---------|-------|--------|
|     |        |        |        |    |       |         |       |        |
|     |        |        |        |    | rters |         |       |        |
| 247 | 16.026 | 16.009 | 16.074 | VV | 40919 | 1502022 | 2.56% | 0.075% |
| 248 | 16.091 | 16.074 | 16.115 | VV | 37939 | 899598  |       |        |
| 249 | 16.130 | 16.115 | 16.192 | VV | 39394 | 1691433 |       |        |
| 250 | 16.204 | 16.192 | 16.214 | VV | 33594 | 425961  |       |        |
|     |        |        |        |    |       |         |       |        |
| 251 | 16.250 | 16.214 | 16.285 | VV | 42222 | 1519584 |       |        |
| 252 | 16.302 | 16.285 | 16.340 | VV | 32539 | 1020303 |       |        |
| 253 | 16.359 | 16.340 | 16.482 | VV | 32366 | 2314304 | 3.94% | 0.116% |
| 254 | 16.498 | 16.482 | 16.534 | VV | 25151 | 764957  | 1.30% | 0.038% |
| 255 | 16.572 | 16.534 | 16.582 | VV | 24078 | 676201  | 1.15% | 0.034% |
|     |        |        |        |    |       |         |       |        |
| 256 | 16.598 | 16.582 | 16.671 | VV | 24126 | 1223539 | 2.08% | 0.061% |
| 257 | 16.688 | 16.671 | 16.712 | VV | 21339 | 502618  | 0.86% | 0.025% |
| 258 | 16.744 | 16.712 | 16.794 | VV | 20818 | 940968  | 1.60% | 0.047% |
| 259 | 16.806 | 16.794 | 16.818 | VV | 17075 | 240701  | 0.41% | 0.012% |
| 260 | 16.837 | 16.818 | 16.852 | VV | 16895 | 339153  | 0.58% | 0.017% |
|     |        |        |        |    |       |         |       |        |
| 261 | 16.885 | 16.852 | 16.902 | VV | 23426 | 580242  | 0.99% | 0.029% |
| 262 | 16.916 | 16.902 | 16.956 | VV | 21104 | 586704  | 1.00% | 0.029% |
| 263 | 16.965 | 16.956 | 16.987 | VV | 14615 | 270497  | 0.46% | 0.014% |
| 264 | 17.010 | 16.987 | 17.052 | VV | 16912 | 579904  | 0.99% | 0.029% |
| 265 | 17.066 | 17.052 | 17.075 | VV | 13955 | 188273  | 0.32% | 0.009% |
|     |        |        |        |    |       |         |       |        |
| 266 | 17.134 | 17.075 | 17.171 | VV | 17761 | 845959  | 1.44% | 0.042% |
| 267 | 17.203 | 17.171 | 17.286 | VV | 13674 | 798554  | 1.36% | 0.040% |
| 268 | 17.317 | 17.286 | 17.343 | VV | 13447 | 391824  | 0.67% | 0.020% |
| 269 | 17.360 | 17.343 | 17.389 | VV | 9842  | 243500  | 0.41% | 0.012% |
| 270 | 17.448 | 17.389 | 17.492 | VV | 10206 | 525312  | 0.89% | 0.026% |
|     |        |        |        |    |       |         |       |        |
| 271 | 17.501 | 17.492 | 17.520 | VV | 7250  | 116693  | 0.20% | 0.006% |
| 272 | 17.537 | 17.520 | 17.573 | VV | 7066  | 197751  | 0.34% | 0.010% |
| 273 | 17.616 | 17.573 | 17.648 | VV | 7598  | 293351  | 0.50% | 0.015% |
| 274 | 17.669 | 17.648 | 17.691 | VV | 6843  | 153849  | 0.26% | 0.008% |
| 275 | 17.705 | 17.691 | 17.730 | VV | 5876  | 127786  | 0.22% | 0.006% |
|     |        |        |        |    |       |         |       |        |
| 276 | 17.756 | 17.730 | 17.800 | VV | 8143  | 246327  | 0.42% | 0.012% |
| 277 | 17.819 | 17.800 | 17.834 | VV | 5016  | 91135   | 0.16% | 0.005% |
| 278 | 17.849 | 17.834 | 17.869 | VV | 5425  | 98659   | 0.17% | 0.005% |
| 279 | 17.918 | 17.869 | 17.935 | VV | 8304  | 225976  | 0.38% | 0.011% |
| 280 | 17.947 | 17.935 | 17.998 | VV | 6038  | 158850  | 0.27% | 0.008% |
|     |        |        |        |    |       |         |       |        |
| 281 | 18.034 | 17.998 | 18.074 | VV | 3211  | 129798  | 0.22% | 0.007% |
| 282 | 18.116 | 18.074 | 18.152 | VV | 3957  | 142736  | 0.24% | 0.007% |
| 283 | 18.179 | 18.152 | 18.215 | VV | 7185  | 142414  | 0.24% | 0.007% |
| 284 | 18.238 | 18.215 | 18.253 | VV | 2829  | 55084   | 0.09% | 0.003% |
| 285 | 18.284 | 18.253 | 18.347 | VV | 7047  | 170514  | 0.29% | 0.009% |
|     |        |        |        |    |       |         |       |        |
| 286 | 18.356 | 18.347 | 18.386 | VV | 1327  | 23215   | 0.04% | 0.001% |
| 287 | 18.425 | 18.386 | 18.434 | VV | 1565  | 33588   | 0.06% | 0.002% |
| 288 | 18.469 | 18.434 | 18.522 | VV | 3288  | 77238   | 0.13% | 0.004% |
| 289 | 18.543 | 18.522 | 18.550 | PV | 759   | 7432    | 0.01% | 0.000% |
| 290 | 18.586 | 18.550 | 18.612 | VV | 4230  | 65714   | 0.11% | 0.003% |
|     |        |        |        |    |       |         |       |        |
| 291 | 18.622 | 18.612 | 18.645 | VV | 625   | 8004    | 0.01% | 0.000% |
| 292 | 18.686 | 18.645 | 18.728 | VV | 3628  | 77750   | 0.13% | 0.004% |
| 293 | 18.754 | 18.728 | 18.778 | VV | 3035  | 49470   | 0.08% | 0.002% |
| 294 | 18.796 | 18.778 | 18.820 | VV | 2570  | 34842   | 0.06% | 0.002% |
| 295 | 18.841 | 18.820 | 18.862 | VV | 880   | 12875   | 0.02% | 0.001% |
|     |        |        |        |    |       |         |       |        |
| 296 | 18.881 | 18.862 | 18.900 | VV | 1248  | 18169   | 0.03% | 0.001% |
| 297 | 18.917 | 18.900 | 18.948 | VV | 1438  | 28227   | 0.05% | 0.001% |
| 298 | 18.982 | 18.948 | 19.011 | VV | 4014  | 80002   | 0.14% | 0.004% |
| 299 | 19.032 | 19.011 | 19.046 | VV | 1669  | 27283   | 0.05% | 0.001% |

Instrument :

FID\_C

ClientSampleId :

72-12002DL

2.56% 0.075%

Manual IntegrationsAPPROVED

Reviewed By :Ankita Jodhani 10/20/2021

Supervised By :mohammad ahmed 10/20/2021

|     |        |        |        |    |      |        |       |        |
|-----|--------|--------|--------|----|------|--------|-------|--------|
| 300 | 19.078 | 19.046 | 19.098 | VV | 2159 | 52431  | 0.09% | 0.003% |
| 301 | 19.127 | 19.098 | 19.165 | VV | 3705 | 84186  |       |        |
| 302 | 19.203 | 19.165 | 19.223 | VV | 1855 | 48842  |       |        |
| 303 | 19.232 | 19.223 | 19.248 | VV | 1265 | 17292  |       |        |
| 304 | 19.286 | 19.248 | 19.295 | VV | 1330 | 34513  |       |        |
| 305 | 19.318 | 19.295 | 19.328 | VV | 1439 | 25966  |       |        |
| 306 | 19.365 | 19.328 | 19.392 | VV | 4222 | 98261  | 0.17% | 0.005% |
| 307 | 19.401 | 19.392 | 19.422 | VV | 2416 | 39660  | 0.07% | 0.002% |
| 308 | 19.439 | 19.422 | 19.457 | VV | 4712 | 70624  | 0.12% | 0.004% |
| 309 | 19.475 | 19.457 | 19.518 | VV | 4805 | 108970 | 0.19% | 0.005% |
| 310 | 19.563 | 19.518 | 19.601 | VV | 2786 | 116929 | 0.20% | 0.006% |
| 311 | 19.632 | 19.601 | 19.675 | VV | 3992 | 133571 | 0.23% | 0.007% |
| 312 | 19.685 | 19.675 | 19.692 | VV | 2696 | 27072  | 0.05% | 0.001% |
| 313 | 19.736 | 19.692 | 19.795 | VV | 6664 | 256677 | 0.44% | 0.013% |
| 314 | 19.814 | 19.795 | 19.831 | VV | 5083 | 94970  | 0.16% | 0.005% |
| 315 | 19.847 | 19.831 | 19.874 | VV | 4323 | 107565 | 0.18% | 0.005% |
| 316 | 19.945 | 19.874 | 19.965 | VV | 6824 | 294640 | 0.50% | 0.015% |
| 317 | 19.975 | 19.965 | 19.992 | VV | 5998 | 93817  | 0.16% | 0.005% |
| 318 | 20.014 | 19.992 | 20.064 | VV | 6157 | 258358 | 0.44% | 0.013% |
| 319 | 20.101 | 20.064 | 20.123 | VV | 7735 | 233848 | 0.40% | 0.012% |
| 320 | 20.131 | 20.123 | 20.148 | VV | 6169 | 92040  | 0.16% | 0.005% |
| 321 | 20.176 | 20.148 | 20.184 | VV | 6120 | 130553 | 0.22% | 0.007% |
| 322 | 20.219 | 20.184 | 20.239 | VV | 7030 | 211961 | 0.36% | 0.011% |
| 323 | 20.371 | 20.239 | 20.382 | VV | 8957 | 657402 | 1.12% | 0.033% |
| 324 | 20.455 | 20.382 | 20.496 | VV | 9953 | 610010 | 1.04% | 0.031% |
| 325 | 20.527 | 20.496 | 20.561 | VV | 8980 | 341220 | 0.58% | 0.017% |
| 326 | 20.591 | 20.561 | 20.720 | VV | 9301 | 788715 | 1.34% | 0.040% |
| 327 | 20.759 | 20.720 | 20.805 | VV | 7682 | 382216 | 0.65% | 0.019% |
| 328 | 20.838 | 20.805 | 20.878 | VV | 8137 | 324991 | 0.55% | 0.016% |
| 329 | 20.883 | 20.878 | 20.915 | VV | 6554 | 143948 | 0.25% | 0.007% |
| 330 | 20.961 | 20.915 | 21.028 | VV | 7032 | 453251 | 0.77% | 0.023% |
| 331 | 21.059 | 21.028 | 21.108 | VV | 6538 | 298745 | 0.51% | 0.015% |
| 332 | 21.163 | 21.108 | 21.212 | VV | 6491 | 384001 | 0.65% | 0.019% |
| 333 | 21.256 | 21.212 | 21.288 | VV | 6590 | 288222 | 0.49% | 0.014% |
| 334 | 21.349 | 21.288 | 21.460 | VV | 6984 | 635049 | 1.08% | 0.032% |
| 335 | 21.511 | 21.460 | 21.528 | VV | 5667 | 222533 | 0.38% | 0.011% |
| 336 | 21.561 | 21.528 | 21.615 | VV | 5475 | 259484 | 0.44% | 0.013% |
| 337 | 21.655 | 21.615 | 21.698 | VV | 5240 | 237726 | 0.40% | 0.012% |
| 338 | 21.754 | 21.698 | 21.822 | VV | 5458 | 358295 | 0.61% | 0.018% |
| 339 | 21.838 | 21.822 | 21.858 | VV | 4534 | 97215  | 0.17% | 0.005% |
| 340 | 21.876 | 21.858 | 21.951 | VV | 4545 | 232128 | 0.40% | 0.012% |

Sum of corrected areas: 1994015595

Aliphatic EPH 092921.M Wed Oct 20 09:30:00 2021

Instrument :

FID\_C

ClientSampleId :

72-12002DL

0.09% 0.003%

Manual IntegrationsAPPROVED

Reviewed By :Ankita Jodhani 10/20/2021

Supervised By :mohammad ahmed 10/20/2021