

nteres

Instrument :

FID\_C

ClientSampleId :

SOIL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2025

Supervised By :mohammad ahmed 10/10/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC10092  
Data File : FC069963.D  
Signal(s) : FID1A.ch  
Acq On : 08 Oct 2025 12:16  
Sample : Q3301-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 100725.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         | 3.231       | 3.204        | 3.249      | BV       | 1738           | -238590      | -0.15%         | -0.005%       |
| 2         | 3.278       | 3.249        | 3.309      | PV       | 13344          | 166294       | 0.10%          | 0.003%        |
| 3         | 3.383       | 3.309        | 3.464      | PV       | 234800         | 3052277      | 1.86%          | 0.063%        |
| 4         | 3.511       | 3.464        | 3.550      | PV       | 40242          | 783798       | 0.48%          | 0.016%        |
| 5         | 3.586       | 3.550        | 3.611      | VV       | 36675          | 699292       | 0.43%          | 0.014%        |
| 6         | 3.655       | 3.611        | 3.683      | VV       | 106936         | 1927726      | 1.18%          | 0.040%        |
| 7         | 3.708       | 3.683        | 3.732      | VV       | 52716          | 1027069      | 0.63%          | 0.021%        |
| 8         | 3.758       | 3.732        | 3.801      | VV       | 166915         | 2638444      | 1.61%          | 0.055%        |
| 9         | 3.829       | 3.801        | 3.864      | VV       | 90938          | 1916361      | 1.17%          | 0.040%        |
| 10        | 3.882       | 3.864        | 3.946      | VV       | 101811         | 2145570      | 1.31%          | 0.044%        |
| 11        | 3.974       | 3.946        | 4.021      | VV       | 99211          | 2745044      | 1.67%          | 0.057%        |
| 12        | 4.084       | 4.021        | 4.105      | VV       | 295744         | 6324440      | 3.86%          | 0.131%        |
| 13        | 4.151       | 4.105        | 4.195      | VV       | 322811         | 5151702      | 3.14%          | 0.106%        |
| 14        | 4.226       | 4.195        | 4.248      | VV       | 153558         | 3113990      | 1.90%          | 0.064%        |
| 15        | 4.264       | 4.248        | 4.340      | VV       | 175551         | 4522052      | 2.76%          | 0.093%        |
| 16        | 4.370       | 4.340        | 4.390      | VV       | 97088          | 1565046      | 0.95%          | 0.032%        |
| 17        | 4.412       | 4.390        | 4.434      | VV       | 139861         | 2086507      | 1.27%          | 0.043%        |
| 18        | 4.460       | 4.434        | 4.488      | VV       | 1259307        | 12686536     | 7.74%          | 0.262%        |
| 19        | 4.532       | 4.488        | 4.551      | VV       | 119137         | 2667359      | 1.63%          | 0.055%        |
| 20        | 4.567       | 4.551        | 4.592      | VV       | 69804          | 1354655      | 0.83%          | 0.028%        |
| 21        | 4.623       | 4.592        | 4.642      | VV       | 144413         | 2858609      | 1.74%          | 0.059%        |
| 22        | 4.659       | 4.642        | 4.698      | VV       | 175519         | 4376944      | 2.67%          | 0.090%        |
| 23        | 4.714       | 4.698        | 4.754      | VV       | 476709         | 7467657      | 4.55%          | 0.154%        |
| 24        | 4.790       | 4.754        | 4.821      | VV       | 269587         | 7790197      | 4.75%          | 0.161%        |
| 25        | 4.836       | 4.821        | 4.853      | VV       | 357499         | 4251968      | 2.59%          | 0.088%        |
| 26        | 4.873       | 4.853        | 4.896      | VV       | 380855         | 5643457      | 3.44%          | 0.117%        |
| 27        | 4.935       | 4.896        | 4.958      | VV       | 411615         | 7848615      | 4.79%          | 0.162%        |
| 28        | 4.985       | 4.958        | 5.041      | VV       | 242575         | 7373899      | 4.50%          | 0.152%        |
| 29        | 5.102       | 5.041        | 5.124      | VV       | 554053         | 13291324     | 8.11%          | 0.275%        |
| 30        | 5.142       | 5.124        | 5.168      | VV       | 552972         | 8128356      | 4.96%          | 0.168%        |
| 31        | 5.204       | 5.168        | 5.281      | VV       | 601446         | 14381359     | 8.77%          | 0.297%        |
| 32        | 5.367       | 5.281        | 5.434      | VV       | 389253         | 22591213     | 13.78%         | 0.467%        |
| 33        | 5.452       | 5.434        | 5.473      | VV       | 305937         | 5268799      | 3.21%          | 0.109%        |
| 34        | 5.509       | 5.473        | 5.558      | VV       | 2500145        | 40702569     | 24.82%         | 0.841%        |
| 35        | 5.574       | 5.558        | 5.609      | VV       | 244276         | 5258494      | 3.21%          | 0.109%        |
| 36        | 5.638       | 5.609        | 5.668      | VV       | 218703         | 6689448      | 4.08%          | 0.138%        |

|    |       |       |       |       |         |           |               |
|----|-------|-------|-------|-------|---------|-----------|---------------|
|    |       |       |       |       |         |           |               |
|    |       |       |       | rters |         |           |               |
| 37 | 5.692 | 5.668 | 5.731 | VV    | 846499  | 15176027  | 9.26% 0.314%  |
| 38 | 5.793 | 5.731 | 5.830 | VV    | 660592  | 23864843  | 14.04% 0.442% |
| 39 | 5.878 | 5.830 | 5.936 | VV    | 491955  | 22038277  | 13.32% 0.384% |
| 40 | 5.958 | 5.936 | 5.982 | VV    | 488495  | 8457961   | 5.85% 0.198%  |
|    |       |       |       |       |         |           |               |
| 41 | 6.007 | 5.982 | 6.031 | VV    | 551630  | 10847494  | 6.57% 0.223%  |
| 42 | 6.062 | 6.031 | 6.084 | VV    | 677274  | 14706498  | 7.31% 0.248%  |
| 43 | 6.104 | 6.084 | 6.126 | VV    | 788772  | 12391448  | 7.56% 0.256%  |
| 44 | 6.149 | 6.126 | 6.172 | VV    | 893615  | 14104327  | 8.60% 0.291%  |
| 45 | 6.208 | 6.172 | 6.261 | VV    | 818337  | 25915638  | 15.81% 0.536% |
|    |       |       |       |       |         |           |               |
| 46 | 6.278 | 6.261 | 6.306 | VV    | 435463  | 10767435  | 6.57% 0.223%  |
| 47 | 6.328 | 6.306 | 6.351 | VV    | 617743  | 11978970  | 7.31% 0.248%  |
| 48 | 6.372 | 6.351 | 6.391 | VV    | 519453  | 9595789   | 5.85% 0.198%  |
| 49 | 6.427 | 6.391 | 6.455 | VV    | 729658  | 18838609  | 11.49% 0.389% |
| 50 | 6.501 | 6.455 | 6.566 | VV    | 3247240 | 60945267  | 37.17% 1.259% |
|    |       |       |       |       |         |           |               |
| 51 | 6.644 | 6.566 | 6.668 | VV    | 1341722 | 36020987  | 21.97% 0.744% |
| 52 | 6.688 | 6.668 | 6.734 | VV    | 703017  | 21384766  | 13.04% 0.442% |
| 53 | 6.771 | 6.734 | 6.794 | VV    | 790109  | 18559853  | 11.32% 0.384% |
| 54 | 6.823 | 6.794 | 6.866 | VV    | 752516  | 23811605  | 14.52% 0.492% |
| 55 | 6.898 | 6.866 | 6.924 | VV    | 1133150 | 22823775  | 13.92% 0.472% |
|    |       |       |       |       |         |           |               |
| 56 | 7.008 | 6.924 | 7.034 | VV    | 1015096 | 40908373  | 24.95% 0.845% |
| 57 | 7.055 | 7.034 | 7.078 | VV    | 1127934 | 19346629  | 11.80% 0.400% |
| 58 | 7.100 | 7.078 | 7.139 | VV    | 1088601 | 27612000  | 16.84% 0.571% |
| 59 | 7.157 | 7.139 | 7.178 | VV    | 1017266 | 16607859  | 10.13% 0.343% |
| 60 | 7.202 | 7.178 | 7.240 | VV    | 1345812 | 28760041  | 17.54% 0.594% |
|    |       |       |       |       |         |           |               |
| 61 | 7.256 | 7.240 | 7.279 | VV    | 634837  | 12644163  | 7.71% 0.261%  |
| 62 | 7.302 | 7.279 | 7.323 | VV    | 750388  | 15441940  | 9.42% 0.319%  |
| 63 | 7.344 | 7.323 | 7.362 | VV    | 598983  | 13015875  | 7.94% 0.269%  |
| 64 | 7.435 | 7.362 | 7.488 | VV    | 3895734 | 102113988 | 62.28% 2.110% |
| 65 | 7.508 | 7.488 | 7.566 | VV    | 680858  | 29830876  | 18.19% 0.616% |
|    |       |       |       |       |         |           |               |
| 66 | 7.598 | 7.566 | 7.669 | VV    | 1271650 | 47700520  | 29.09% 0.986% |
| 67 | 7.689 | 7.669 | 7.707 | VV    | 575210  | 12202992  | 7.44% 0.252%  |
| 68 | 7.742 | 7.707 | 7.831 | VV    | 947392  | 55047516  | 33.57% 1.138% |
| 69 | 7.881 | 7.831 | 7.924 | VV    | 1075671 | 47705264  | 29.09% 0.986% |
| 70 | 7.946 | 7.924 | 7.969 | VV    | 1151569 | 23025423  | 14.04% 0.476% |
|    |       |       |       |       |         |           |               |
| 71 | 7.995 | 7.969 | 8.018 | VV    | 1421958 | 28359224  | 17.30% 0.586% |
| 72 | 8.047 | 8.018 | 8.081 | VV    | 1397763 | 36876504  | 22.49% 0.762% |
| 73 | 8.123 | 8.081 | 8.151 | VV    | 1814612 | 41443964  | 25.28% 0.856% |
| 74 | 8.172 | 8.151 | 8.194 | VV    | 759904  | 18613547  | 11.35% 0.385% |
| 75 | 8.213 | 8.194 | 8.234 | VV    | 993044  | 20273922  | 12.36% 0.419% |
|    |       |       |       |       |         |           |               |
| 76 | 8.318 | 8.234 | 8.371 | VV    | 4565561 | 133710624 | 81.55% 2.763% |
| 77 | 8.404 | 8.371 | 8.433 | VV    | 1007335 | 33071691  | 20.17% 0.683% |
| 78 | 8.471 | 8.433 | 8.510 | VV    | 1154827 | 44736988  | 27.28% 0.924% |
| 79 | 8.531 | 8.510 | 8.565 | VV    | 1105302 | 30185330  | 18.41% 0.624% |
| 80 | 8.595 | 8.565 | 8.641 | VV    | 942929  | 38030596  | 23.19% 0.786% |
|    |       |       |       |       |         |           |               |
| 81 | 8.672 | 8.641 | 8.691 | VV    | 1156758 | 30127984  | 18.37% 0.623% |
| 82 | 8.754 | 8.691 | 8.779 | VV    | 1237207 | 60723305  | 37.03% 1.255% |
| 83 | 8.797 | 8.779 | 8.815 | VV    | 1307344 | 25094233  | 15.30% 0.519% |
| 84 | 8.849 | 8.815 | 8.874 | VV    | 2969715 | 61488141  | 37.50% 1.271% |
| 85 | 8.896 | 8.874 | 8.938 | VV    | 1463345 | 40235293  | 24.54% 0.831% |
|    |       |       |       |       |         |           |               |
| 86 | 8.987 | 8.938 | 9.038 | VV    | 1021533 | 53239085  | 32.47% 1.100% |
| 87 | 9.071 | 9.038 | 9.091 | VV    | 1145927 | 32001836  | 19.52% 0.661% |
| 88 | 9.151 | 9.091 | 9.198 | VV    | 5369516 | 140172269 | 85.49% 2.897% |
| 89 | 9.218 | 9.198 | 9.244 | VV    | 1244656 | 28814939  | 17.57% 0.595% |

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Supervised By :mohammad ahmed 10/10/2025

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|     |        |        |        |    |         |           |         |        |
|-----|--------|--------|--------|----|---------|-----------|---------|--------|
| 90  | 9.268  | 9.244  | 9.318  | VV | 980655  | 38961346  | 23.76%  | 0.805% |
| 91  | 9.364  | 9.318  | 9.393  | VV | 1083932 | 41757204  | 25.00%  | 0.805% |
| 92  | 9.420  | 9.393  | 9.442  | VV | 976266  | 27595754  | 16.00%  | 0.805% |
| 93  | 9.457  | 9.442  | 9.478  | VV | 949330  | 18830611  | 11.00%  | 0.805% |
| 94  | 9.507  | 9.478  | 9.564  | VV | 2061028 | 69964867  | 42.00%  | 0.805% |
| 95  | 9.590  | 9.564  | 9.613  | VV | 1676678 | 36884402  | 22.00%  | 0.805% |
| 96  | 9.637  | 9.613  | 9.658  | VV | 1645727 | 33336516  | 20.33%  | 0.689% |
| 97  | 9.689  | 9.658  | 9.718  | VV | 1489904 | 39499357  | 24.09%  | 0.816% |
| 98  | 9.743  | 9.718  | 9.794  | VV | 859814  | 37059373  | 22.60%  | 0.766% |
| 99  | 9.868  | 9.794  | 9.888  | VV | 1289455 | 55349720  | 33.76%  | 1.144% |
| 100 | 9.932  | 9.888  | 9.963  | VV | 5337505 | 123858764 | 75.54%  | 2.559% |
| 101 | 9.989  | 9.963  | 10.059 | VV | 1073665 | 55063995  | 33.58%  | 1.138% |
| 102 | 10.085 | 10.059 | 10.106 | VV | 952916  | 23681336  | 14.44%  | 0.489% |
| 103 | 10.121 | 10.106 | 10.164 | VV | 886652  | 29918494  | 18.25%  | 0.618% |
| 104 | 10.184 | 10.164 | 10.214 | VV | 942030  | 25296945  | 15.43%  | 0.523% |
| 105 | 10.307 | 10.214 | 10.334 | VV | 3006677 | 104395328 | 63.67%  | 2.157% |
| 106 | 10.352 | 10.334 | 10.370 | VV | 1332300 | 23945213  | 14.60%  | 0.495% |
| 107 | 10.391 | 10.370 | 10.418 | VV | 1545406 | 32609775  | 19.89%  | 0.674% |
| 108 | 10.444 | 10.418 | 10.511 | VV | 1487438 | 51580581  | 31.46%  | 1.066% |
| 109 | 10.575 | 10.511 | 10.606 | VV | 915431  | 47754622  | 29.13%  | 0.987% |
| 110 | 10.674 | 10.606 | 10.701 | VV | 4967466 | 128922963 | 78.63%  | 2.664% |
| 111 | 10.740 | 10.701 | 10.808 | VV | 3558315 | 99327318  | 60.58%  | 2.053% |
| 112 | 10.856 | 10.808 | 10.880 | VV | 868953  | 35379100  | 21.58%  | 0.731% |
| 113 | 10.906 | 10.880 | 10.943 | VV | 937474  | 32493960  | 19.82%  | 0.671% |
| 114 | 10.980 | 10.943 | 11.012 | VV | 1227368 | 44015346  | 26.84%  | 0.910% |
| 115 | 11.047 | 11.012 | 11.085 | VV | 1526322 | 50672692  | 30.90%  | 1.047% |
| 116 | 11.107 | 11.085 | 11.132 | VV | 1366208 | 29028615  | 17.70%  | 0.600% |
| 117 | 11.157 | 11.132 | 11.192 | VV | 1185611 | 32512613  | 19.83%  | 0.672% |
| 118 | 11.208 | 11.192 | 11.237 | VV | 801812  | 20642708  | 12.59%  | 0.427% |
| 119 | 11.303 | 11.237 | 11.324 | VV | 819357  | 40751827  | 24.85%  | 0.842% |
| 120 | 11.375 | 11.324 | 11.419 | VV | 4443324 | 113595499 | 69.28%  | 2.347% |
| 121 | 11.458 | 11.419 | 11.492 | VV | 2670715 | 63690089  | 38.84%  | 1.316% |
| 122 | 11.509 | 11.492 | 11.533 | VV | 820216  | 18457017  | 11.26%  | 0.381% |
| 123 | 11.551 | 11.533 | 11.575 | VV | 777197  | 18268669  | 11.14%  | 0.378% |
| 124 | 11.651 | 11.575 | 11.723 | VV | 1110734 | 75873138  | 46.27%  | 1.568% |
| 125 | 11.749 | 11.723 | 11.771 | VV | 1197081 | 27631260  | 16.85%  | 0.571% |
| 126 | 11.787 | 11.771 | 11.814 | VV | 1074897 | 22841540  | 13.93%  | 0.472% |
| 127 | 11.835 | 11.814 | 11.887 | VV | 1033352 | 33810448  | 20.62%  | 0.699% |
| 128 | 11.908 | 11.887 | 11.955 | VV | 728988  | 27917415  | 17.03%  | 0.577% |
| 129 | 12.042 | 11.955 | 12.195 | VV | 4062773 | 163964345 | 100.00% | 3.388% |
| 130 | 12.221 | 12.195 | 12.265 | VV | 659680  | 25994557  | 15.85%  | 0.537% |
| 131 | 12.295 | 12.265 | 12.341 | VV | 887923  | 33954210  | 20.71%  | 0.702% |
| 132 | 12.357 | 12.341 | 12.378 | VV | 706476  | 14438547  | 8.81%   | 0.298% |
| 133 | 12.432 | 12.378 | 12.464 | VV | 1035586 | 38902477  | 23.73%  | 0.804% |
| 134 | 12.482 | 12.464 | 12.554 | VV | 805934  | 32977203  | 20.11%  | 0.681% |
| 135 | 12.580 | 12.554 | 12.618 | VV | 673455  | 22080831  | 13.47%  | 0.456% |
| 136 | 12.676 | 12.618 | 12.710 | VV | 3246798 | 76814052  | 46.85%  | 1.587% |
| 137 | 12.727 | 12.710 | 12.773 | VV | 678202  | 22079607  | 13.47%  | 0.456% |
| 138 | 12.800 | 12.773 | 12.858 | VV | 561061  | 25723500  | 15.69%  | 0.532% |
| 139 | 12.911 | 12.858 | 12.996 | VV | 675414  | 44491237  | 27.13%  | 0.919% |
| 140 | 13.050 | 12.996 | 13.081 | VV | 669839  | 27980563  | 17.07%  | 0.578% |
| 141 | 13.103 | 13.081 | 13.128 | VV | 1252518 | 21697821  | 13.23%  | 0.448% |

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2025

Supervised By :mohammad ahmed 10/10/2025

|     |        |        |        |       |         |          |        |        |
|-----|--------|--------|--------|-------|---------|----------|--------|--------|
|     |        |        |        |       |         |          |        |        |
|     |        |        |        | rters |         |          |        |        |
| 142 | 13.150 | 13.128 | 13.231 | VV    | 614328  | 28760009 | 17.54% | 0.594% |
| 143 | 13.280 | 13.231 | 13.418 | VV    | 2598409 | 78012631 | 47.54% | 0.594% |
| 144 | 13.435 | 13.418 | 13.461 | VV    | 374939  | 8969268  | 5.06%  | 0.261% |
| 145 | 13.497 | 13.461 | 13.591 | VV    | 553378  | 31665746 | 19.19% | 0.719% |
|     |        |        |        |       |         |          |        |        |
| 146 | 13.609 | 13.591 | 13.623 | VV    | 394493  | 7061827  | 4.73%  | 0.160% |
| 147 | 13.642 | 13.623 | 13.668 | VV    | 438737  | 10170064 | 6.88%  | 0.233% |
| 148 | 13.688 | 13.668 | 13.728 | VV    | 463463  | 13223657 | 8.06%  | 0.273% |
| 149 | 13.755 | 13.728 | 13.797 | VV    | 346132  | 12640407 | 7.71%  | 0.261% |
| 150 | 13.857 | 13.797 | 13.888 | VV    | 1756428 | 34808727 | 21.23% | 0.719% |
|     |        |        |        |       |         |          |        |        |
| 151 | 13.910 | 13.888 | 14.016 | VV    | 320186  | 20323351 | 12.39% | 0.420% |
| 152 | 14.070 | 14.016 | 14.159 | VV    | 329719  | 22281058 | 13.59% | 0.460% |
| 153 | 14.175 | 14.159 | 14.191 | VV    | 233068  | 4311956  | 2.63%  | 0.089% |
| 154 | 14.208 | 14.191 | 14.224 | VV    | 267222  | 4793852  | 2.92%  | 0.099% |
| 155 | 14.257 | 14.224 | 14.301 | VV    | 256308  | 10190499 | 6.22%  | 0.211% |
|     |        |        |        |       |         |          |        |        |
| 156 | 14.318 | 14.301 | 14.374 | VV    | 196102  | 7747593  | 4.73%  | 0.160% |
| 157 | 14.411 | 14.374 | 14.451 | VV    | 1077322 | 18666183 | 11.38% | 0.386% |
| 158 | 14.474 | 14.451 | 14.581 | VV    | 188329  | 12500823 | 7.62%  | 0.258% |
| 159 | 14.609 | 14.581 | 14.704 | VV    | 191202  | 11274777 | 6.88%  | 0.233% |
| 160 | 14.721 | 14.704 | 14.735 | VV    | 139859  | 2405325  | 1.47%  | 0.050% |
|     |        |        |        |       |         |          |        |        |
| 161 | 14.753 | 14.735 | 14.774 | VV    | 144470  | 3058296  | 1.87%  | 0.063% |
| 162 | 14.798 | 14.774 | 14.901 | VV    | 151939  | 8859374  | 5.40%  | 0.183% |
| 163 | 14.945 | 14.901 | 14.977 | VV    | 508250  | 9685107  | 5.91%  | 0.200% |
| 164 | 14.998 | 14.977 | 15.107 | VV    | 111219  | 7165218  | 4.37%  | 0.148% |
| 165 | 15.135 | 15.107 | 15.169 | VV    | 103414  | 3358951  | 2.05%  | 0.069% |
|     |        |        |        |       |         |          |        |        |
| 166 | 15.184 | 15.169 | 15.261 | VV    | 88747   | 4418717  | 2.69%  | 0.091% |
| 167 | 15.276 | 15.261 | 15.308 | VV    | 82247   | 2105525  | 1.28%  | 0.044% |
| 168 | 15.326 | 15.308 | 15.351 | VV    | 82991   | 1953011  | 1.19%  | 0.040% |
| 169 | 15.368 | 15.351 | 15.423 | VV    | 71529   | 2741568  | 1.67%  | 0.057% |
| 170 | 15.461 | 15.423 | 15.613 | VV    | 227867  | 8741891  | 5.33%  | 0.181% |
|     |        |        |        |       |         |          |        |        |
| 171 | 15.643 | 15.613 | 15.741 | VV    | 59314   | 3929747  | 2.40%  | 0.081% |
| 172 | 15.776 | 15.741 | 15.813 | VV    | 51870   | 2102283  | 1.28%  | 0.043% |
| 173 | 15.831 | 15.813 | 15.928 | VV    | 47812   | 2909428  | 1.77%  | 0.060% |
| 174 | 15.960 | 15.928 | 16.042 | VV    | 105216  | 3531398  | 2.15%  | 0.073% |
| 175 | 16.060 | 16.042 | 16.101 | VV    | 34723   | 1175230  | 0.72%  | 0.024% |
|     |        |        |        |       |         |          |        |        |
| 176 | 16.134 | 16.101 | 16.228 | VV    | 39212   | 2614024  | 1.59%  | 0.054% |
| 177 | 16.272 | 16.228 | 16.408 | VV    | 36615   | 3413354  | 2.08%  | 0.071% |
| 178 | 16.442 | 16.408 | 16.537 | VV    | 55486   | 2468102  | 1.51%  | 0.051% |
| 179 | 16.555 | 16.537 | 16.571 | VV    | 25460   | 519603   | 0.32%  | 0.011% |
| 180 | 16.608 | 16.571 | 16.638 | VV    | 30046   | 1102188  | 0.67%  | 0.023% |
|     |        |        |        |       |         |          |        |        |
| 181 | 16.657 | 16.638 | 16.699 | VV    | 28321   | 981564   | 0.60%  | 0.020% |
| 182 | 16.742 | 16.699 | 16.850 | VV    | 27472   | 2297002  | 1.40%  | 0.047% |
| 183 | 16.908 | 16.850 | 16.993 | VV    | 36345   | 2187613  | 1.33%  | 0.045% |
| 184 | 17.063 | 16.993 | 17.124 | VV    | 26369   | 1828697  | 1.12%  | 0.038% |
| 185 | 17.136 | 17.124 | 17.185 | VV    | 23185   | 826719   | 0.50%  | 0.017% |
|     |        |        |        |       |         |          |        |        |
| 186 | 17.201 | 17.185 | 17.221 | VV    | 22843   | 481825   | 0.29%  | 0.010% |
| 187 | 17.236 | 17.221 | 17.321 | VV    | 23399   | 1298036  | 0.79%  | 0.027% |
| 188 | 17.358 | 17.321 | 17.435 | VV    | 27621   | 1543988  | 0.94%  | 0.032% |
| 189 | 17.495 | 17.435 | 17.571 | VV    | 24814   | 1751459  | 1.07%  | 0.036% |
| 190 | 17.587 | 17.571 | 17.628 | VV    | 20555   | 681815   | 0.42%  | 0.014% |
|     |        |        |        |       |         |          |        |        |
| 191 | 17.658 | 17.628 | 17.685 | VV    | 21259   | 705479   | 0.43%  | 0.015% |
| 192 | 17.733 | 17.685 | 17.767 | VV    | 21613   | 1020547  | 0.62%  | 0.021% |
| 193 | 17.795 | 17.767 | 17.897 | VV    | 25043   | 1607503  | 0.98%  | 0.033% |
| 194 | 17.944 | 17.897 | 18.044 | VV    | 23487   | 1778975  | 1.08%  | 0.037% |

Instrument :

FID\_C

ClientSampleId :

SOIL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2025

Supervised By :mohammad ahmed 10/10/2025

|     |        |        |        |    |       |         |       |        |
|-----|--------|--------|--------|----|-------|---------|-------|--------|
| 195 | 18.093 | 18.044 | 18.138 | VV | 20772 | 1083471 | 0.66% | 0.022% |
| 196 | 18.222 | 18.138 | 18.271 | VV | 24907 | 1602669 |       |        |
| 197 | 18.286 | 18.271 | 18.298 | VV | 18809 | 293815  |       |        |
| 198 | 18.319 | 18.298 | 18.341 | VV | 19660 | 491988  |       |        |
| 199 | 18.356 | 18.341 | 18.401 | VV | 20088 | 670982  |       |        |
| 200 | 18.410 | 18.401 | 18.429 | VV | 18424 | 291693  |       |        |
| 201 | 18.491 | 18.429 | 18.584 | VV | 19155 | 1696135 | 1.03% | 0.035% |
| 202 | 18.628 | 18.584 | 18.703 | VV | 22300 | 1306181 | 0.80% | 0.027% |
| 203 | 18.750 | 18.703 | 18.810 | VV | 18988 | 1130998 | 0.69% | 0.023% |
| 204 | 18.827 | 18.810 | 18.861 | VV | 17842 | 525768  | 0.32% | 0.011% |
| 205 | 18.924 | 18.861 | 18.978 | VV | 17662 | 1187068 | 0.72% | 0.025% |
| 206 | 19.028 | 18.978 | 19.107 | VV | 20939 | 1359406 | 0.83% | 0.028% |
| 207 | 19.145 | 19.107 | 19.170 | VV | 17726 | 631241  | 0.38% | 0.013% |
| 208 | 19.219 | 19.170 | 19.258 | VV | 18015 | 900528  | 0.55% | 0.019% |
| 209 | 19.289 | 19.258 | 19.353 | VV | 16586 | 921821  | 0.56% | 0.019% |
| 210 | 19.414 | 19.353 | 19.502 | VV | 20141 | 1548871 | 0.94% | 0.032% |
| 211 | 19.523 | 19.502 | 19.621 | VV | 16736 | 1144395 | 0.70% | 0.024% |
| 212 | 19.645 | 19.621 | 19.709 | VV | 16105 | 825448  | 0.50% | 0.017% |
| 213 | 19.726 | 19.709 | 19.747 | VV | 15710 | 363192  | 0.22% | 0.008% |
| 214 | 19.833 | 19.747 | 19.876 | VV | 17702 | 1260063 | 0.77% | 0.026% |
| 215 | 19.897 | 19.876 | 19.945 | VV | 15224 | 623883  | 0.38% | 0.013% |
| 216 | 19.963 | 19.945 | 19.983 | VV | 15322 | 334504  | 0.20% | 0.007% |
| 217 | 20.020 | 19.983 | 20.084 | VV | 14912 | 862483  | 0.53% | 0.018% |
| 218 | 20.145 | 20.084 | 20.206 | VV | 15636 | 1071422 | 0.65% | 0.022% |
| 219 | 20.222 | 20.206 | 20.241 | VV | 14590 | 299813  | 0.18% | 0.006% |
| 220 | 20.250 | 20.241 | 20.321 | VV | 14486 | 658050  | 0.40% | 0.014% |
| 221 | 20.338 | 20.321 | 20.578 | VV | 14222 | 1887381 | 1.15% | 0.039% |
| 222 | 20.611 | 20.578 | 20.714 | VV | 10717 | 800508  | 0.49% | 0.017% |
| 223 | 20.729 | 20.714 | 20.749 | VV | 9196  | 188590  | 0.12% | 0.004% |
| 224 | 20.766 | 20.749 | 20.854 | VV | 9234  | 507226  | 0.31% | 0.010% |
| 225 | 20.905 | 20.854 | 21.011 | VV | 7689  | 641196  | 0.39% | 0.013% |
| 226 | 21.027 | 21.011 | 21.092 | VV | 6245  | 271170  | 0.17% | 0.006% |
| 227 | 21.109 | 21.092 | 21.164 | VV | 5262  | 209954  | 0.13% | 0.004% |
| 228 | 21.177 | 21.164 | 21.321 | VV | 4565  | 375761  | 0.23% | 0.008% |
| 229 | 21.338 | 21.321 | 21.454 | VV | 3530  | 245053  | 0.15% | 0.005% |
| 230 | 21.468 | 21.454 | 21.705 | VV | 2825  | 295305  | 0.18% | 0.006% |
| 231 | 21.725 | 21.705 | 21.750 | VV | 1476  | 32754   | 0.02% | 0.001% |
| 232 | 21.786 | 21.750 | 21.824 | VV | 1133  | 45959   | 0.03% | 0.001% |
| 233 | 21.864 | 21.824 | 21.985 | VV | 1128  | 58927   | 0.04% | 0.001% |

Sum of corrected areas: 4839224020

Aliphatic EPH 100725.M Thu Oct 09 06:17:46 2025

Instrument :

FID\_C

ClientSampleId :

SOIL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2025

Supervised By :mohammad ahmed 10/10/2025