

rteres

Instrument :

FID\_E

ClientSampleId :

3MS

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/04/2025

Supervised By :mohammad ahmed 06/05/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE06032  
Data File : FE054155.D  
Signal(s) : FID1B.ch  
Acq On : 03 Jun 2025 16:56  
Sample : Q2147-05MS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051425.M  
Title : GC Extractables

Signal : FID1B.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         | 2.841       | 2.805        | 2.885      | PH       | 1232           | 21196        | 0.17%          | 0.008%        |
| 2         | 2.903       | 2.885        | 2.952      | PV       | 2499           | 28880        | 0.23%          | 0.010%        |
| 3         | 2.982       | 2.952        | 3.002      | PV       | 1114           | 16572        | 0.13%          | 0.006%        |
| 4         | 3.010       | 3.002        | 3.051      | VV       | 498            | 4576         | 0.04%          | 0.002%        |
| 5         | 3.068       | 3.051        | 3.128      | PV       | 322            | 2988         | 0.02%          | 0.001%        |
| 6         | 3.134       | 3.128        | 3.142      | VV       | 45             | 269          | 0.00%          | 0.000%        |
| 7         | 3.201       | 3.142        | 3.326      | PV       | 482087         | 5105271      | 41.36%         | 1.837%        |
| 8         | 3.342       | 3.326        | 3.359      | VV       | 1264           | 18456        | 0.15%          | 0.007%        |
| 9         | 3.371       | 3.359        | 3.398      | VV       | 785            | 12552        | 0.10%          | 0.005%        |
| 10        | 3.411       | 3.398        | 3.431      | VV       | 557            | 9086         | 0.07%          | 0.003%        |
| 11        | 3.444       | 3.431        | 3.463      | VV       | 549            | 7256         | 0.06%          | 0.003%        |
| 12        | 3.479       | 3.463        | 3.494      | VV       | 487            | 5824         | 0.05%          | 0.002%        |
| 13        | 3.512       | 3.494        | 3.553      | VV       | 1214           | 20596        | 0.17%          | 0.007%        |
| 14        | 3.571       | 3.553        | 3.584      | VV       | 738            | 7919         | 0.06%          | 0.003%        |
| 15        | 3.594       | 3.584        | 3.627      | VV       | 522            | 10042        | 0.08%          | 0.004%        |
| 16        | 3.647       | 3.627        | 3.687      | VV       | 1148           | 23894        | 0.19%          | 0.009%        |
| 17        | 3.727       | 3.687        | 3.762      | VV       | 623            | 17927        | 0.15%          | 0.006%        |
| 18        | 3.789       | 3.762        | 3.818      | VV       | 571            | 12208        | 0.10%          | 0.004%        |
| 19        | 3.831       | 3.818        | 3.865      | VV       | 509            | 5769         | 0.05%          | 0.002%        |
| 20        | 3.891       | 3.865        | 3.944      | PV       | 617            | 14352        | 0.12%          | 0.005%        |
| 21        | 3.994       | 3.944        | 4.010      | PV       | 914            | 13603        | 0.11%          | 0.005%        |
| 22        | 4.027       | 4.010        | 4.046      | VV       | 759            | 10639        | 0.09%          | 0.004%        |
| 23        | 4.065       | 4.046        | 4.082      | VV       | 423            | 7457         | 0.06%          | 0.003%        |
| 24        | 4.104       | 4.082        | 4.146      | VV       | 874            | 16431        | 0.13%          | 0.006%        |
| 25        | 4.188       | 4.146        | 4.208      | VV       | 900            | 21177        | 0.17%          | 0.008%        |
| 26        | 4.224       | 4.208        | 4.308      | VV       | 663            | 20810        | 0.17%          | 0.007%        |
| 27        | 4.344       | 4.308        | 4.375      | PV       | 277            | 5856         | 0.05%          | 0.002%        |
| 28        | 4.391       | 4.375        | 4.421      | VV       | 340            | 5288         | 0.04%          | 0.002%        |
| 29        | 4.456       | 4.421        | 4.473      | VV       | 524953         | 5234542      | 42.41%         | 1.884%        |
| 30        | 4.491       | 4.473        | 4.550      | VV       | 566384         | 6088031      | 49.32%         | 2.191%        |
| 31        | 4.565       | 4.550        | 4.590      | VV       | 6563           | 104837       | 0.85%          | 0.038%        |
| 32        | 4.611       | 4.590        | 4.721      | VV       | 7562           | 177874       | 1.44%          | 0.064%        |
| 33        | 4.738       | 4.721        | 4.779      | VV       | 1275           | 32785        | 0.27%          | 0.012%        |
| 34        | 4.792       | 4.779        | 4.808      | VV       | 766            | 12102        | 0.10%          | 0.004%        |
| 35        | 4.815       | 4.808        | 4.844      | VV       | 762            | 13068        | 0.11%          | 0.005%        |
| 36        | 4.878       | 4.844        | 4.907      | VV       | 597            | 20029        | 0.16%          | 0.007%        |

|    |       |       |       |    | retention |         |        |        |
|----|-------|-------|-------|----|-----------|---------|--------|--------|
| 37 | 4.919 | 4.907 | 4.937 | VV | 568       | 8947    | 0.07%  | 0.003% |
| 38 | 4.962 | 4.937 | 5.105 | VV | 953       | 39311   |        |        |
| 39 | 5.133 | 5.105 | 5.146 | VV | 479       | 7919    |        |        |
| 40 | 5.167 | 5.146 | 5.190 | VV | 438       | 8254    |        |        |
| 41 | 5.211 | 5.190 | 5.235 | VV | 397       | 7260    |        |        |
| 42 | 5.251 | 5.235 | 5.261 | VV | 277       | 3521    |        |        |
| 43 | 5.275 | 5.261 | 5.361 | VV | 382       | 9034    | 0.07%  | 0.003% |
| 44 | 5.369 | 5.361 | 5.396 | VV | 122       | 2214    | 0.02%  | 0.001% |
| 45 | 5.433 | 5.396 | 5.574 | VV | 435       | 20091   | 0.16%  | 0.007% |
| 46 | 5.598 | 5.574 | 5.655 | PV | 2233      | 30583   | 0.25%  | 0.011% |
| 47 | 5.713 | 5.655 | 5.760 | VV | 397       | 16794   | 0.14%  | 0.006% |
| 48 | 5.775 | 5.760 | 5.830 | VV | 354       | 8318    | 0.07%  | 0.003% |
| 49 | 5.846 | 5.830 | 5.875 | VV | 342       | 5537    | 0.04%  | 0.002% |
| 50 | 5.905 | 5.875 | 5.953 | VV | 260       | 8135    | 0.07%  | 0.003% |
| 51 | 5.972 | 5.953 | 6.024 | VV | 149       | 3531    | 0.03%  | 0.001% |
| 52 | 6.077 | 6.024 | 6.095 | PV | 127       | 3034    | 0.02%  | 0.001% |
| 53 | 6.165 | 6.095 | 6.324 | PV | 552365    | 6264811 | 50.76% | 2.254% |
| 54 | 6.337 | 6.324 | 6.466 | VV | 1939      | 103402  | 0.84%  | 0.037% |
| 55 | 6.480 | 6.466 | 6.584 | VV | 928       | 51769   | 0.42%  | 0.019% |
| 56 | 6.632 | 6.584 | 6.768 | VV | 522939    | 5553622 | 44.99% | 1.998% |
| 57 | 6.783 | 6.768 | 6.903 | VV | 1217      | 52107   | 0.42%  | 0.019% |
| 58 | 6.913 | 6.903 | 6.941 | VV | 424       | 6965    | 0.06%  | 0.003% |
| 59 | 6.956 | 6.941 | 6.978 | VV | 318       | 5699    | 0.05%  | 0.002% |
| 60 | 6.986 | 6.978 | 7.013 | VV | 219       | 3631    | 0.03%  | 0.001% |
| 61 | 7.035 | 7.013 | 7.078 | VV | 277       | 6734    | 0.05%  | 0.002% |
| 62 | 7.084 | 7.078 | 7.123 | VV | 252       | 2998    | 0.02%  | 0.001% |
| 63 | 7.172 | 7.123 | 7.230 | PV | 9768      | 154157  | 1.25%  | 0.055% |
| 64 | 7.266 | 7.230 | 7.391 | VV | 463574    | 5728670 | 46.41% | 2.061% |
| 65 | 7.407 | 7.391 | 7.445 | VV | 3490      | 85524   | 0.69%  | 0.031% |
| 66 | 7.473 | 7.445 | 7.529 | VV | 2746      | 98890   | 0.80%  | 0.036% |
| 67 | 7.547 | 7.529 | 7.564 | VV | 1593      | 27389   | 0.22%  | 0.010% |
| 68 | 7.581 | 7.564 | 7.649 | VV | 2171      | 54800   | 0.44%  | 0.020% |
| 69 | 7.660 | 7.649 | 7.698 | VV | 721       | 14792   | 0.12%  | 0.005% |
| 70 | 7.705 | 7.698 | 7.729 | VV | 310       | 4772    | 0.04%  | 0.002% |
| 71 | 7.753 | 7.729 | 7.817 | VV | 687       | 18382   | 0.15%  | 0.007% |
| 72 | 7.863 | 7.817 | 7.904 | VV | 570       | 18002   | 0.15%  | 0.006% |
| 73 | 7.914 | 7.904 | 7.937 | VV | 254       | 3865    | 0.03%  | 0.001% |
| 74 | 7.949 | 7.937 | 7.965 | VV | 186       | 2530    | 0.02%  | 0.001% |
| 75 | 8.034 | 7.965 | 8.095 | VV | 849       | 29800   | 0.24%  | 0.011% |
| 76 | 8.111 | 8.095 | 8.129 | VV | 272       | 5164    | 0.04%  | 0.002% |
| 77 | 8.155 | 8.129 | 8.194 | VV | 1821      | 26642   | 0.22%  | 0.010% |
| 78 | 8.212 | 8.194 | 8.236 | VV | 1098      | 14128   | 0.11%  | 0.005% |
| 79 | 8.246 | 8.236 | 8.261 | VV | 246       | 3070    | 0.02%  | 0.001% |
| 80 | 8.281 | 8.261 | 8.308 | VV | 430       | 8671    | 0.07%  | 0.003% |
| 81 | 8.317 | 8.308 | 8.333 | VV | 375       | 4753    | 0.04%  | 0.002% |
| 82 | 8.388 | 8.333 | 8.406 | VV | 1171      | 30155   | 0.24%  | 0.011% |
| 83 | 8.420 | 8.406 | 8.435 | VV | 784       | 11704   | 0.09%  | 0.004% |
| 84 | 8.466 | 8.435 | 8.532 | VV | 515799    | 5528356 | 44.79% | 1.989% |
| 85 | 8.570 | 8.532 | 8.743 | VV | 564399    | 6298181 | 51.03% | 2.266% |
| 86 | 8.765 | 8.743 | 8.838 | VV | 1473      | 53255   | 0.43%  | 0.019% |
| 87 | 8.870 | 8.838 | 9.090 | VV | 559949    | 6481842 | 52.51% | 2.332% |
| 88 | 9.114 | 9.090 | 9.141 | VV | 1201      | 25585   | 0.21%  | 0.009% |
| 89 | 9.163 | 9.141 | 9.195 | VV | 1950      | 44907   | 0.36%  | 0.016% |

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|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 90  | 9.204  | 9.195  | 9.269  | VV | 1314   | 36588   | 0.30%  | 0.013% |
| 91  | 9.293  | 9.269  | 9.321  | VV | 1997   | 32340   |        |        |
| 92  | 9.331  | 9.321  | 9.418  | VV | 665    | 17072   |        |        |
| 93  | 9.442  | 9.418  | 9.461  | VV | 493    | 7494    |        |        |
| 94  | 9.479  | 9.461  | 9.512  | VV | 664    | 10115   |        |        |
| 95  | 9.532  | 9.512  | 9.548  | VV | 229    | 3581    |        |        |
| 96  | 9.581  | 9.548  | 9.611  | VV | 449    | 9373    | 0.08%  | 0.003% |
| 97  | 9.622  | 9.611  | 9.630  | PV | 146    | 1138    | 0.01%  | 0.000% |
| 98  | 9.663  | 9.630  | 9.797  | VV | 531768 | 6323812 | 51.23% | 2.276% |
| 99  | 9.817  | 9.797  | 9.837  | VV | 2674   | 48432   | 0.39%  | 0.017% |
| 100 | 9.882  | 9.837  | 9.926  | VV | 6428   | 150196  | 1.22%  | 0.054% |
| 101 | 9.951  | 9.926  | 10.045 | VV | 22372  | 446466  | 3.62%  | 0.161% |
| 102 | 10.077 | 10.045 | 10.111 | VV | 492897 | 5615254 | 45.49% | 2.021% |
| 103 | 10.131 | 10.111 | 10.325 | VV | 9724   | 333918  | 2.71%  | 0.120% |
| 104 | 10.350 | 10.325 | 10.380 | VV | 239    | 5129    | 0.04%  | 0.002% |
| 105 | 10.418 | 10.380 | 10.446 | PV | 1197   | 15683   | 0.13%  | 0.006% |
| 106 | 10.464 | 10.446 | 10.483 | VV | 374    | 5064    | 0.04%  | 0.002% |
| 107 | 10.559 | 10.483 | 10.583 | VV | 1747   | 49471   | 0.40%  | 0.018% |
| 108 | 10.598 | 10.583 | 10.648 | VV | 971    | 16681   | 0.14%  | 0.006% |
| 109 | 10.670 | 10.648 | 10.684 | VV | 1017   | 13376   | 0.11%  | 0.005% |
| 110 | 10.694 | 10.684 | 10.717 | VV | 914    | 12647   | 0.10%  | 0.005% |
| 111 | 10.749 | 10.717 | 10.798 | VV | 2109   | 57268   | 0.46%  | 0.021% |
| 112 | 10.817 | 10.798 | 10.828 | VV | 1420   | 18950   | 0.15%  | 0.007% |
| 113 | 10.839 | 10.828 | 10.851 | VV | 1253   | 14578   | 0.12%  | 0.005% |
| 114 | 10.878 | 10.851 | 10.961 | VV | 7606   | 177272  | 1.44%  | 0.064% |
| 115 | 10.976 | 10.961 | 10.995 | VV | 738    | 8406    | 0.07%  | 0.003% |
| 116 | 11.076 | 10.995 | 11.123 | VV | 607518 | 7026111 | 56.92% | 2.528% |
| 117 | 11.152 | 11.123 | 11.311 | VV | 482256 | 6321370 | 51.21% | 2.275% |
| 118 | 11.324 | 11.311 | 11.358 | VV | 1769   | 29294   | 0.24%  | 0.011% |
| 119 | 11.400 | 11.358 | 11.439 | VV | 4394   | 101583  | 0.82%  | 0.037% |
| 120 | 11.450 | 11.439 | 11.473 | VV | 1551   | 24149   | 0.20%  | 0.009% |
| 121 | 11.525 | 11.473 | 11.588 | VV | 475020 | 5571077 | 45.14% | 2.005% |
| 122 | 11.612 | 11.588 | 11.661 | VV | 2626   | 53379   | 0.43%  | 0.019% |
| 123 | 11.680 | 11.661 | 11.692 | VV | 951    | 12524   | 0.10%  | 0.005% |
| 124 | 11.713 | 11.692 | 11.748 | VV | 2522   | 42238   | 0.34%  | 0.015% |
| 125 | 11.766 | 11.748 | 11.800 | VV | 1023   | 17237   | 0.14%  | 0.006% |
| 126 | 11.839 | 11.800 | 11.870 | VV | 472324 | 5361016 | 43.43% | 1.929% |
| 127 | 11.885 | 11.870 | 11.902 | VV | 8785   | 127997  | 1.04%  | 0.046% |
| 128 | 11.920 | 11.902 | 11.961 | VV | 10291  | 179762  | 1.46%  | 0.065% |
| 129 | 11.997 | 11.961 | 12.018 | VV | 13043  | 215167  | 1.74%  | 0.077% |
| 130 | 12.031 | 12.018 | 12.049 | VV | 6188   | 91325   | 0.74%  | 0.033% |
| 131 | 12.065 | 12.049 | 12.114 | VV | 6264   | 107309  | 0.87%  | 0.039% |
| 132 | 12.134 | 12.114 | 12.153 | PV | 502    | 6555    | 0.05%  | 0.002% |
| 133 | 12.191 | 12.153 | 12.215 | VV | 1383   | 29915   | 0.24%  | 0.011% |
| 134 | 12.274 | 12.215 | 12.335 | VV | 6778   | 158364  | 1.28%  | 0.057% |
| 135 | 12.357 | 12.335 | 12.393 | VV | 6854   | 116756  | 0.95%  | 0.042% |
| 136 | 12.404 | 12.393 | 12.435 | VV | 1668   | 26466   | 0.21%  | 0.010% |
| 137 | 12.455 | 12.435 | 12.483 | VV | 919    | 20194   | 0.16%  | 0.007% |
| 138 | 12.501 | 12.483 | 12.524 | VV | 967    | 16788   | 0.14%  | 0.006% |
| 139 | 12.564 | 12.524 | 12.591 | VV | 1040   | 24578   | 0.20%  | 0.009% |
| 140 | 12.630 | 12.591 | 12.645 | VV | 1419   | 37174   | 0.30%  | 0.013% |
| 141 | 12.679 | 12.645 | 12.709 | VV | 2966   | 77851   | 0.63%  | 0.028% |

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Supervised By :mohammad ahmed 06/05/2025

|     |        |        |        |    |        |          |         |                     |  |
|-----|--------|--------|--------|----|--------|----------|---------|---------------------|--|
|     |        |        |        |    |        | rteres   |         | ent sample :<br>SMS |  |
| 142 | 12.724 | 12.709 | 12.737 | VV | 2357   | 28846    | 0.23%   | 0.010%              |  |
| 143 | 12.755 | 12.737 | 12.768 | VV | 4753   | 63922    | 0.49%   | 0.022%              |  |
| 144 | 12.783 | 12.768 | 12.802 | VV | 5682   | 81931    | 1.21%   | 0.054%              |  |
| 145 | 12.838 | 12.802 | 12.870 | VV | 481715 | 5771010  | 59.58%  | 2.646%              |  |
| 146 | 12.905 | 12.870 | 12.984 | VV | 643175 | 7752537  | 62.00%  | 2.653%              |  |
| 147 | 12.998 | 12.984 | 13.029 | VV | 2434   | 51717    | 0.72%   | 0.076%              |  |
| 148 | 13.056 | 13.029 | 13.071 | VV | 3537   | 60415    | 0.49%   | 0.022%              |  |
| 149 | 13.091 | 13.071 | 13.131 | VV | 8848   | 149847   | 1.21%   | 0.054%              |  |
| 150 | 13.204 | 13.131 | 13.241 | VV | 597699 | 7353965  | 59.58%  | 2.646%              |  |
| 151 | 13.283 | 13.241 | 13.351 | VV | 338010 | 4593227  | 37.21%  | 1.653%              |  |
| 152 | 13.377 | 13.351 | 13.413 | VV | 12672  | 212397   | 1.72%   | 0.076%              |  |
| 153 | 13.451 | 13.413 | 13.523 | VV | 449683 | 5677211  | 46.00%  | 2.043%              |  |
| 154 | 13.537 | 13.523 | 13.558 | VV | 1565   | 28055    | 0.23%   | 0.010%              |  |
| 155 | 13.573 | 13.558 | 13.590 | VV | 1822   | 28733    | 0.23%   | 0.010%              |  |
| 156 | 13.610 | 13.590 | 13.634 | VV | 3253   | 57085    | 0.46%   | 0.021%              |  |
| 157 | 13.666 | 13.634 | 13.731 | VV | 6661   | 161474   | 1.31%   | 0.058%              |  |
| 158 | 13.800 | 13.731 | 13.845 | VV | 15028  | 308907   | 2.50%   | 0.111%              |  |
| 159 | 13.863 | 13.845 | 13.885 | VV | 2274   | 41621    | 0.34%   | 0.015%              |  |
| 160 | 13.907 | 13.885 | 13.928 | VV | 8812   | 134444   | 1.09%   | 0.048%              |  |
| 161 | 13.947 | 13.928 | 13.964 | VV | 7098   | 107942   | 0.87%   | 0.039%              |  |
| 162 | 13.979 | 13.964 | 14.003 | VV | 6614   | 104569   | 0.85%   | 0.038%              |  |
| 163 | 14.039 | 14.003 | 14.106 | VV | 429688 | 5623739  | 45.56%  | 2.024%              |  |
| 164 | 14.116 | 14.106 | 14.158 | VV | 4907   | 94612    | 0.77%   | 0.034%              |  |
| 165 | 14.179 | 14.158 | 14.199 | VV | 2654   | 49462    | 0.40%   | 0.018%              |  |
| 166 | 14.232 | 14.199 | 14.292 | VV | 2480   | 108732   | 0.88%   | 0.039%              |  |
| 167 | 14.300 | 14.292 | 14.354 | VV | 1028   | 23734    | 0.19%   | 0.009%              |  |
| 168 | 14.396 | 14.354 | 14.430 | PV | 1199   | 29792    | 0.24%   | 0.011%              |  |
| 169 | 14.474 | 14.430 | 14.528 | VV | 3505   | 138241   | 1.12%   | 0.050%              |  |
| 170 | 14.555 | 14.528 | 14.575 | VV | 8192   | 139515   | 1.13%   | 0.050%              |  |
| 171 | 14.598 | 14.575 | 14.623 | VV | 4574   | 106970   | 0.87%   | 0.038%              |  |
| 172 | 14.640 | 14.623 | 14.687 | VV | 2660   | 63250    | 0.51%   | 0.023%              |  |
| 173 | 14.719 | 14.687 | 14.747 | VV | 10019  | 162424   | 1.32%   | 0.058%              |  |
| 174 | 14.775 | 14.747 | 14.812 | VV | 12540  | 247060   | 2.00%   | 0.089%              |  |
| 175 | 14.861 | 14.812 | 14.915 | VV | 9363   | 268525   | 2.18%   | 0.097%              |  |
| 176 | 14.929 | 14.915 | 14.948 | VV | 1127   | 21258    | 0.17%   | 0.008%              |  |
| 177 | 14.970 | 14.948 | 15.030 | VV | 3293   | 62068    | 0.50%   | 0.022%              |  |
| 178 | 15.094 | 15.030 | 15.114 | PV | 502538 | 6526525  | 52.88%  | 2.349%              |  |
| 179 | 15.140 | 15.114 | 15.225 | VV | 876059 | 12343100 | 100.00% | 4.442%              |  |
| 180 | 15.253 | 15.225 | 15.276 | VV | 10879  | 193397   | 1.57%   | 0.070%              |  |
| 181 | 15.286 | 15.276 | 15.348 | VV | 4094   | 102500   | 0.83%   | 0.037%              |  |
| 182 | 15.367 | 15.348 | 15.387 | VV | 2769   | 47071    | 0.38%   | 0.017%              |  |
| 183 | 15.418 | 15.387 | 15.427 | VV | 4276   | 72584    | 0.59%   | 0.026%              |  |
| 184 | 15.442 | 15.427 | 15.500 | VV | 5277   | 109234   | 0.88%   | 0.039%              |  |
| 185 | 15.548 | 15.500 | 15.634 | PV | 15174  | 478884   | 3.88%   | 0.172%              |  |
| 186 | 15.663 | 15.634 | 15.701 | VV | 4876   | 109631   | 0.89%   | 0.039%              |  |
| 187 | 15.728 | 15.701 | 15.749 | VV | 8661   | 127678   | 1.03%   | 0.046%              |  |
| 188 | 15.771 | 15.749 | 15.795 | VV | 10126  | 166719   | 1.35%   | 0.060%              |  |
| 189 | 15.808 | 15.795 | 15.843 | VV | 5187   | 96234    | 0.78%   | 0.035%              |  |
| 190 | 15.862 | 15.843 | 15.891 | VV | 2518   | 53597    | 0.43%   | 0.019%              |  |
| 191 | 15.915 | 15.891 | 15.979 | VV | 5833   | 184396   | 1.49%   | 0.066%              |  |
| 192 | 16.004 | 15.979 | 16.041 | VV | 3215   | 69509    | 0.56%   | 0.025%              |  |
| 193 | 16.094 | 16.041 | 16.131 | VV | 2423   | 64489    | 0.52%   | 0.023%              |  |
| 194 | 16.170 | 16.131 | 16.214 | VV | 399148 | 5379642  | 43.58%  | 1.936%              |  |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 195 | 16.233 | 16.214 | 16.289 | VV | 3112   | 60186   | 0.49%  | 0.022% |
| 196 | 16.304 | 16.289 | 16.319 | VV | 182    | 2059    |        |        |
| 197 | 16.368 | 16.319 | 16.395 | PV | 1892   | 32018   |        |        |
| 198 | 16.421 | 16.395 | 16.434 | PV | 2204   | 32248   |        |        |
| 199 | 16.459 | 16.434 | 16.499 | VV | 4919   | 99623   |        |        |
| 200 | 16.572 | 16.499 | 16.605 | VV | 10911  | 289682  |        |        |
| 201 | 16.666 | 16.605 | 16.681 | VV | 466948 | 7200580 | 58.34% | 2.591% |
| 202 | 16.698 | 16.681 | 16.771 | VV | 532585 | 6912950 | 56.01% | 2.488% |
| 203 | 16.796 | 16.771 | 16.875 | VV | 11814  | 272217  | 2.21%  | 0.098% |
| 204 | 16.920 | 16.875 | 16.934 | VV | 4109   | 66733   | 0.54%  | 0.024% |
| 205 | 16.984 | 16.934 | 17.013 | VV | 38998  | 610187  | 4.94%  | 0.220% |
| 206 | 17.049 | 17.013 | 17.087 | VV | 490902 | 6852979 | 55.52% | 2.466% |
| 207 | 17.120 | 17.087 | 17.181 | VV | 376671 | 5674787 | 45.98% | 2.042% |
| 208 | 17.193 | 17.181 | 17.260 | VV | 4798   | 117001  | 0.95%  | 0.042% |
| 209 | 17.295 | 17.260 | 17.333 | VV | 3134   | 93694   | 0.76%  | 0.034% |
| 210 | 17.352 | 17.333 | 17.369 | VV | 1909   | 31143   | 0.25%  | 0.011% |
| 211 | 17.432 | 17.369 | 17.481 | VV | 4578   | 175666  | 1.42%  | 0.063% |
| 212 | 17.566 | 17.481 | 17.612 | PV | 10978  | 362006  | 2.93%  | 0.130% |
| 213 | 17.639 | 17.612 | 17.654 | VV | 3618   | 58571   | 0.47%  | 0.021% |
| 214 | 17.672 | 17.654 | 17.693 | VV | 3708   | 68151   | 0.55%  | 0.025% |
| 215 | 17.711 | 17.693 | 17.800 | VV | 3727   | 107445  | 0.87%  | 0.039% |
| 216 | 17.835 | 17.800 | 17.868 | VV | 1105   | 21371   | 0.17%  | 0.008% |
| 217 | 17.899 | 17.868 | 17.925 | PV | 5404   | 79098   | 0.64%  | 0.028% |
| 218 | 18.011 | 17.925 | 18.068 | VV | 374836 | 5464340 | 44.27% | 1.966% |
| 219 | 18.092 | 18.068 | 18.115 | VV | 4901   | 111907  | 0.91%  | 0.040% |
| 220 | 18.141 | 18.115 | 18.165 | VV | 7545   | 154927  | 1.26%  | 0.056% |
| 221 | 18.193 | 18.165 | 18.208 | VV | 5346   | 121520  | 0.98%  | 0.044% |
| 222 | 18.233 | 18.208 | 18.301 | VV | 7594   | 213092  | 1.73%  | 0.077% |
| 223 | 18.334 | 18.301 | 18.375 | VV | 15584  | 352128  | 2.85%  | 0.127% |
| 224 | 18.437 | 18.375 | 18.452 | VV | 446471 | 7285502 | 59.02% | 2.622% |
| 225 | 18.467 | 18.452 | 18.547 | VV | 492421 | 7791862 | 63.13% | 2.804% |
| 226 | 18.565 | 18.547 | 18.583 | VV | 14213  | 280624  | 2.27%  | 0.101% |
| 227 | 18.594 | 18.583 | 18.650 | VV | 13038  | 384841  | 3.12%  | 0.138% |
| 228 | 18.694 | 18.650 | 18.795 | VV | 440945 | 7415141 | 60.08% | 2.668% |
| 229 | 18.843 | 18.795 | 18.891 | VV | 376821 | 5851991 | 47.41% | 2.106% |
| 230 | 18.936 | 18.891 | 18.959 | VV | 10348  | 338917  | 2.75%  | 0.122% |
| 231 | 18.986 | 18.959 | 19.053 | VV | 9702   | 399923  | 3.24%  | 0.144% |
| 232 | 19.113 | 19.053 | 19.140 | VV | 9874   | 344436  | 2.79%  | 0.124% |
| 233 | 19.237 | 19.140 | 19.300 | VV | 21893  | 1227653 | 9.95%  | 0.442% |
| 234 | 19.323 | 19.300 | 19.348 | VV | 11330  | 300468  | 2.43%  | 0.108% |
| 235 | 19.365 | 19.348 | 19.421 | VV | 10726  | 418062  | 3.39%  | 0.150% |
| 236 | 19.434 | 19.421 | 19.451 | VV | 7913   | 136954  | 1.11%  | 0.049% |
| 237 | 19.487 | 19.451 | 19.508 | VV | 11051  | 320666  | 2.60%  | 0.115% |
| 238 | 19.540 | 19.508 | 19.568 | VV | 10716  | 340952  | 2.76%  | 0.123% |
| 239 | 19.629 | 19.568 | 19.672 | VV | 364394 | 5941265 | 48.13% | 2.138% |
| 240 | 19.700 | 19.672 | 19.718 | VV | 15885  | 381678  | 3.09%  | 0.137% |
| 241 | 19.735 | 19.718 | 19.756 | VV | 15710  | 330721  | 2.68%  | 0.119% |
| 242 | 19.767 | 19.756 | 19.789 | VV | 13292  | 246175  | 1.99%  | 0.089% |
| 243 | 19.865 | 19.789 | 19.895 | VV | 18617  | 907690  | 7.35%  | 0.327% |
| 244 | 19.967 | 19.895 | 20.022 | VV | 40024  | 1677153 | 13.59% | 0.604% |
| 245 | 20.038 | 20.022 | 20.101 | VV | 17945  | 757886  | 6.14%  | 0.273% |
| 246 | 20.151 | 20.101 | 20.195 | VV | 16105  | 820059  | 6.64%  | 0.295% |

Instrument :

FID\_E

ClientSampleId :

3MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/04/2025

Supervised By :mohammad ahmed 06/05/2025

| Chromatogram Data Table |                      |        |        |       |           |                   |          |             |             |
|-------------------------|----------------------|--------|--------|-------|-----------|-------------------|----------|-------------|-------------|
| Peak No.                | Retention Time (min) | Area   | Height | Width | Volume    | Concentration (%) | Response | Integration | Integration |
| 247                     | 20.257               | 20.195 | 20.275 | VV    | 23854     | 923910            | 7.49%    | 0.332%      |             |
| 248                     | 20.295               | 20.275 | 20.326 | VV    | 26817     | 719858            |          |             |             |
| 249                     | 20.370               | 20.326 | 20.468 | VV    | 370866    | 7203510           | 58.76%   | 0.439%      |             |
| 250                     | 20.519               | 20.468 | 20.559 | VV    | 24186     | 1203658           | 9.89%    | 0.695%      |             |
| 251                     | 20.583               | 20.559 | 20.592 | VV    | 21929     | 415500            | 3.03%    | 0.179%      |             |
| 252                     | 20.680               | 20.592 | 20.708 | VV    | 22877     | 1541442           | 12.45%   | 0.219%      |             |
| 253                     | 20.725               | 20.708 | 20.745 | VV    | 22825     | 497493            | 4.03%    | 0.179%      |             |
| 254                     | 20.768               | 20.745 | 20.790 | VV    | 22705     | 609758            | 4.94%    | 0.219%      |             |
| 255                     | 20.886               | 20.790 | 20.932 | VV    | 23500     | 1932006           | 15.65%   | 0.695%      |             |
| 256                     | 20.944               | 20.932 | 20.976 | VV    | 22091     | 571700            | 4.63%    | 0.206%      |             |
| 257                     | 20.996               | 20.976 | 21.037 | VV    | 21154     | 750760            | 6.08%    | 0.270%      |             |
| 258                     | 21.100               | 21.037 | 21.261 | VV    | 332398    | 8364134           | 67.76%   | 3.010%      |             |
| 259                     | 21.306               | 21.261 | 21.375 | VV    | 18130     | 1220775           | 9.89%    | 0.439%      |             |
| 260                     | 21.407               | 21.375 | 21.461 | VV    | 17448     | 873421            | 7.08%    | 0.314%      |             |
| 261                     | 21.509               | 21.461 | 21.568 | VV    | 16876     | 1013052           | 8.21%    | 0.365%      |             |
| 262                     | 21.575               | 21.568 | 21.641 | VV    | 14829     | 603954            | 4.89%    | 0.217%      |             |
| 263                     | 21.702               | 21.641 | 21.717 | VV    | 14532     | 627847            | 5.09%    | 0.226%      |             |
| 264                     | 21.749               | 21.717 | 21.912 | VV    | 14288     | 1536341           | 12.45%   | 0.553%      |             |
| 265                     | 21.992               | 21.912 | 22.135 | VV    | 233998    | 7083485           | 57.39%   | 2.549%      |             |
| 266                     | 22.190               | 22.135 | 22.294 | VV    | 9348      | 756305            | 6.13%    | 0.272%      |             |
| 267                     | 22.303               | 22.294 | 22.393 | VV    | 5666      | 263923            | 2.14%    | 0.095%      |             |
| 268                     | 22.406               | 22.393 | 22.429 | VV    | 3319      | 64790             | 0.52%    | 0.023%      |             |
| 269                     | 22.481               | 22.429 | 22.568 | VV    | 3170      | 181368            | 1.47%    | 0.065%      |             |
| Sum of corrected areas: |                      |        |        |       | 277901191 |                   |          |             |             |

Instrument :  
FID\_E  
ClientSampleId :  
3MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/04/2025  
Supervised By :mohammad ahmed 06/05/2025

Aliphatic EPH 051425.M Wed Jun 04 04:34:21 2025