

rteres

Instrument :

FID\_E

ClientSampleId :

256-E2DL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2025

Supervised By :mohammad ahmed 08/11/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE08072  
Data File : FE055170.D  
Signal(s) : FID1B.ch  
Acq On : 07 Aug 2025 10:23  
Sample : Q2774-04DL 5X  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 080125.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         | 2.867       | 2.805        | 2.888      | BV       | 167            | 1908         | 0.04%          | 0.002%        |
| 2         | 2.905       | 2.888        | 2.924      | PV       | 133            | 1621         | 0.04%          | 0.002%        |
| 3         | 2.933       | 2.924        | 2.998      | VV       | 196            | 3110         | 0.07%          | 0.003%        |
| 4         | 3.005       | 2.998        | 3.016      | VV       | 83             | 445          | 0.01%          | 0.000%        |
| 5         | 3.042       | 3.016        | 3.055      | VV       | 117            | 1833         | 0.04%          | 0.002%        |
| 6         | 3.059       | 3.055        | 3.066      | VV       | 145            | 725          | 0.02%          | 0.001%        |
| 7         | 3.083       | 3.066        | 3.125      | VV       | 156            | 2888         | 0.06%          | 0.003%        |
| 8         | 3.159       | 3.125        | 3.191      | PV       | 160            | 4228         | 0.09%          | 0.004%        |
| 9         | 3.203       | 3.191        | 3.221      | VV       | 127            | 1645         | 0.04%          | 0.002%        |
| 10        | 3.238       | 3.221        | 3.263      | VV       | 112            | 2420         | 0.05%          | 0.003%        |
| 11        | 3.314       | 3.263        | 3.418      | VV       | 183            | 11089        | 0.24%          | 0.012%        |
| 12        | 3.427       | 3.418        | 3.458      | VV       | 212            | 4152         | 0.09%          | 0.004%        |
| 13        | 3.465       | 3.458        | 3.505      | VV       | 188            | 3896         | 0.09%          | 0.004%        |
| 14        | 3.515       | 3.505        | 3.537      | VV       | 161            | 2108         | 0.05%          | 0.002%        |
| 15        | 3.564       | 3.537        | 3.608      | VV       | 178            | 5431         | 0.12%          | 0.006%        |
| 16        | 3.619       | 3.608        | 3.661      | VV       | 205            | 4557         | 0.10%          | 0.005%        |
| 17        | 3.690       | 3.661        | 3.771      | VV       | 242            | 10535        | 0.23%          | 0.011%        |
| 18        | 3.775       | 3.771        | 3.808      | VV       | 207            | 3647         | 0.08%          | 0.004%        |
| 19        | 3.821       | 3.808        | 3.850      | VV       | 190            | 3844         | 0.08%          | 0.004%        |
| 20        | 3.895       | 3.850        | 3.921      | VV       | 642            | 12496        | 0.28%          | 0.013%        |
| 21        | 3.938       | 3.921        | 3.949      | VV       | 223            | 3324         | 0.07%          | 0.004%        |
| 22        | 4.011       | 3.949        | 4.032      | VV       | 572            | 12247        | 0.27%          | 0.013%        |
| 23        | 4.041       | 4.032        | 4.053      | VV       | 229            | 2192         | 0.05%          | 0.002%        |
| 24        | 4.100       | 4.053        | 4.215      | VV       | 256            | 18402        | 0.41%          | 0.019%        |
| 25        | 4.224       | 4.215        | 4.245      | VV       | 271            | 3810         | 0.08%          | 0.004%        |
| 26        | 4.276       | 4.245        | 4.368      | VV       | 317            | 16758        | 0.37%          | 0.018%        |
| 27        | 4.450       | 4.368        | 4.510      | VV       | 299            | 20020        | 0.44%          | 0.021%        |
| 28        | 4.550       | 4.510        | 4.645      | VV       | 294            | 16877        | 0.37%          | 0.018%        |
| 29        | 4.650       | 4.645        | 4.662      | VV       | 220            | 1963         | 0.04%          | 0.002%        |
| 30        | 4.721       | 4.662        | 4.745      | VV       | 289            | 10484        | 0.23%          | 0.011%        |
| 31        | 4.758       | 4.745        | 4.780      | VV       | 240            | 4314         | 0.09%          | 0.005%        |
| 32        | 4.794       | 4.780        | 4.831      | VV       | 278            | 6543         | 0.14%          | 0.007%        |
| 33        | 4.851       | 4.831        | 4.888      | VV       | 249            | 6313         | 0.14%          | 0.007%        |
| 34        | 4.921       | 4.888        | 4.978      | VV       | 425            | 15439        | 0.34%          | 0.016%        |
| 35        | 5.000       | 4.978        | 5.021      | VV       | 282            | 5962         | 0.13%          | 0.006%        |
| 36        | 5.034       | 5.021        | 5.075      | VV       | 242            | 6905         | 0.15%          | 0.007%        |

|    |       |       |       |    | retention |       |       |        |
|----|-------|-------|-------|----|-----------|-------|-------|--------|
| 37 | 5.105 | 5.075 | 5.122 | VV | 259       | 6584  | 0.14% | 0.007% |
| 38 | 5.134 | 5.122 | 5.151 | VV | 281       | 3845  |       |        |
| 39 | 5.159 | 5.151 | 5.175 | VV | 240       | 2981  |       |        |
| 40 | 5.179 | 5.175 | 5.208 | VV | 288       | 3801  |       |        |
| 41 | 5.214 | 5.208 | 5.222 | VV | 204       | 1430  |       |        |
| 42 | 5.238 | 5.222 | 5.269 | VV | 244       | 4707  |       |        |
| 43 | 5.300 | 5.269 | 5.381 | VV | 210       | 9066  | 0.20% | 0.010% |
| 44 | 5.396 | 5.381 | 5.408 | VV | 173       | 2421  | 0.05% | 0.003% |
| 45 | 5.420 | 5.408 | 5.491 | VV | 205       | 6386  | 0.14% | 0.007% |
| 46 | 5.505 | 5.491 | 5.535 | VV | 208       | 3718  | 0.08% | 0.004% |
| 47 | 5.567 | 5.535 | 5.580 | VV | 223       | 4239  | 0.09% | 0.004% |
| 48 | 5.592 | 5.580 | 5.611 | VV | 181       | 2603  | 0.06% | 0.003% |
| 49 | 5.629 | 5.611 | 5.678 | VV | 296       | 6805  | 0.15% | 0.007% |
| 50 | 5.707 | 5.678 | 5.738 | VV | 164       | 3687  | 0.08% | 0.004% |
| 51 | 5.746 | 5.738 | 5.784 | VV | 123       | 2292  | 0.05% | 0.002% |
| 52 | 5.861 | 5.784 | 5.909 | VV | 224       | 10670 | 0.23% | 0.011% |
| 53 | 5.918 | 5.909 | 5.928 | VV | 121       | 1139  | 0.03% | 0.001% |
| 54 | 5.937 | 5.928 | 5.955 | VV | 203       | 2453  | 0.05% | 0.003% |
| 55 | 5.961 | 5.955 | 5.968 | VV | 153       | 991   | 0.02% | 0.001% |
| 56 | 5.975 | 5.968 | 5.985 | VV | 111       | 1105  | 0.02% | 0.001% |
| 57 | 5.993 | 5.985 | 6.019 | VV | 130       | 2538  | 0.06% | 0.003% |
| 58 | 6.026 | 6.019 | 6.035 | VV | 138       | 1125  | 0.02% | 0.001% |
| 59 | 6.042 | 6.035 | 6.051 | VV | 110       | 934   | 0.02% | 0.001% |
| 60 | 6.076 | 6.051 | 6.128 | VV | 161       | 5548  | 0.12% | 0.006% |
| 61 | 6.148 | 6.128 | 6.230 | VV | 183       | 8184  | 0.18% | 0.009% |
| 62 | 6.253 | 6.230 | 6.347 | VV | 306       | 12089 | 0.27% | 0.013% |
| 63 | 6.403 | 6.347 | 6.491 | VV | 1281      | 26493 | 0.58% | 0.028% |
| 64 | 6.514 | 6.491 | 6.538 | VV | 191       | 4149  | 0.09% | 0.004% |
| 65 | 6.575 | 6.538 | 6.587 | VV | 224       | 5152  | 0.11% | 0.005% |
| 66 | 6.597 | 6.587 | 6.615 | VV | 201       | 2552  | 0.06% | 0.003% |
| 67 | 6.635 | 6.615 | 6.680 | VV | 532       | 12268 | 0.27% | 0.013% |
| 68 | 6.699 | 6.680 | 6.735 | VV | 360       | 7721  | 0.17% | 0.008% |
| 69 | 6.745 | 6.735 | 6.757 | VV | 197       | 2277  | 0.05% | 0.002% |
| 70 | 6.775 | 6.757 | 6.784 | VV | 244       | 2769  | 0.06% | 0.003% |
| 71 | 6.801 | 6.784 | 6.829 | VV | 261       | 4849  | 0.11% | 0.005% |
| 72 | 6.860 | 6.829 | 6.887 | VV | 241       | 6298  | 0.14% | 0.007% |
| 73 | 6.900 | 6.887 | 6.921 | VV | 179       | 3297  | 0.07% | 0.003% |
| 74 | 6.934 | 6.921 | 7.005 | VV | 281       | 8330  | 0.18% | 0.009% |
| 75 | 7.009 | 7.005 | 7.034 | VV | 156       | 1792  | 0.04% | 0.002% |
| 76 | 7.052 | 7.034 | 7.125 | PV | 160       | 4377  | 0.10% | 0.005% |
| 77 | 7.140 | 7.125 | 7.151 | VV | 146       | 1702  | 0.04% | 0.002% |
| 78 | 7.162 | 7.151 | 7.172 | VV | 126       | 1093  | 0.02% | 0.001% |
| 79 | 7.187 | 7.172 | 7.201 | VV | 71        | 1055  | 0.02% | 0.001% |
| 80 | 7.206 | 7.201 | 7.233 | VV | 124       | 1431  | 0.03% | 0.002% |
| 81 | 7.266 | 7.233 | 7.311 | VV | 147       | 4124  | 0.09% | 0.004% |
| 82 | 7.362 | 7.311 | 7.408 | PV | 333       | 11868 | 0.26% | 0.013% |
| 83 | 7.411 | 7.408 | 7.471 | VV | 265       | 5792  | 0.13% | 0.006% |
| 84 | 7.503 | 7.471 | 7.522 | VV | 478       | 6772  | 0.15% | 0.007% |
| 85 | 7.545 | 7.522 | 7.606 | VV | 245       | 6275  | 0.14% | 0.007% |
| 86 | 7.612 | 7.606 | 7.621 | VV | 119       | 658   | 0.01% | 0.001% |
| 87 | 7.641 | 7.621 | 7.661 | VV | 570       | 5723  | 0.13% | 0.006% |
| 88 | 7.677 | 7.661 | 7.692 | VV | 163       | 2246  | 0.05% | 0.002% |
| 89 | 7.748 | 7.692 | 7.775 | VV | 199       | 6416  | 0.14% | 0.007% |

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|     |        |        |        |    |       |        |        |        |
|-----|--------|--------|--------|----|-------|--------|--------|--------|
| 90  | 7.881  | 7.775  | 7.908  | VV | 216   | 7296   | 0.16%  | 0.008% |
| 91  | 7.934  | 7.908  | 8.015  | VV | 247   | 7464   |        |        |
| 92  | 8.050  | 8.015  | 8.081  | VV | 355   | 6101   |        |        |
| 93  | 8.226  | 8.213  | 8.231  | VV | 534   | 5170   |        |        |
| 94  | 8.244  | 8.231  | 8.301  | VV | 639   | 13597  |        |        |
| 95  | 8.338  | 8.301  | 8.373  | PV | 255   | 6372   |        |        |
| 96  | 8.407  | 8.373  | 8.423  | VV | 267   | 4698   | 0.10%  | 0.005% |
| 97  | 8.439  | 8.423  | 8.447  | VV | 261   | 2760   | 0.06%  | 0.003% |
| 98  | 8.475  | 8.447  | 8.495  | VV | 716   | 10639  | 0.23%  | 0.011% |
| 99  | 8.507  | 8.495  | 8.541  | VV | 313   | 6280   | 0.14%  | 0.007% |
| 100 | 8.578  | 8.541  | 8.607  | VV | 552   | 11664  | 0.26%  | 0.012% |
| 101 | 8.624  | 8.607  | 8.639  | VV | 714   | 8351   | 0.18%  | 0.009% |
| 102 | 8.654  | 8.639  | 8.664  | VV | 689   | 6842   | 0.15%  | 0.007% |
| 103 | 8.701  | 8.664  | 8.761  | VV | 1269  | 36559  | 0.80%  | 0.039% |
| 104 | 8.815  | 8.761  | 8.885  | VV | 2923  | 66234  | 1.46%  | 0.070% |
| 105 | 8.901  | 8.885  | 8.921  | VV | 563   | 8626   | 0.19%  | 0.009% |
| 106 | 8.932  | 8.921  | 8.948  | VV | 361   | 4926   | 0.11%  | 0.005% |
| 107 | 8.965  | 8.948  | 8.981  | VV | 305   | 5177   | 0.11%  | 0.005% |
| 108 | 9.111  | 9.073  | 9.136  | VV | 5972  | 85400  | 1.88%  | 0.090% |
| 109 | 9.159  | 9.136  | 9.175  | VV | 1121  | 22052  | 0.49%  | 0.023% |
| 110 | 9.194  | 9.175  | 9.215  | VV | 1140  | 22718  | 0.50%  | 0.024% |
| 111 | 9.232  | 9.215  | 9.275  | VV | 1185  | 35137  | 0.77%  | 0.037% |
| 112 | 9.306  | 9.275  | 9.320  | VV | 1529  | 31508  | 0.69%  | 0.033% |
| 113 | 9.353  | 9.320  | 9.367  | VV | 1627  | 37961  | 0.84%  | 0.040% |
| 114 | 9.388  | 9.367  | 9.408  | VV | 3748  | 56860  | 1.25%  | 0.060% |
| 115 | 9.429  | 9.408  | 9.500  | VV | 2835  | 101623 | 2.24%  | 0.107% |
| 116 | 9.525  | 9.500  | 9.539  | VV | 2060  | 40178  | 0.88%  | 0.042% |
| 117 | 9.568  | 9.539  | 9.590  | VV | 2148  | 57002  | 1.25%  | 0.060% |
| 118 | 9.626  | 9.590  | 9.647  | VV | 2126  | 65748  | 1.45%  | 0.069% |
| 119 | 9.685  | 9.647  | 9.703  | VV | 2808  | 75096  | 1.65%  | 0.079% |
| 120 | 9.719  | 9.703  | 9.723  | VV | 2396  | 28084  | 0.62%  | 0.030% |
| 121 | 9.739  | 9.723  | 9.749  | VV | 2790  | 40355  | 0.89%  | 0.043% |
| 122 | 9.769  | 9.749  | 9.791  | VV | 3152  | 72152  | 1.59%  | 0.076% |
| 123 | 9.816  | 9.791  | 9.835  | VV | 3192  | 77574  | 1.71%  | 0.082% |
| 124 | 9.868  | 9.835  | 9.885  | VV | 3902  | 105188 | 2.32%  | 0.111% |
| 125 | 9.904  | 9.885  | 9.956  | VV | 11597 | 259638 | 5.72%  | 0.274% |
| 126 | 9.988  | 9.956  | 10.014 | VV | 5048  | 157203 | 3.46%  | 0.166% |
| 127 | 10.029 | 10.014 | 10.037 | VV | 5077  | 66502  | 1.46%  | 0.070% |
| 128 | 10.056 | 10.037 | 10.076 | VV | 6093  | 127058 | 2.80%  | 0.134% |
| 129 | 10.095 | 10.076 | 10.107 | VV | 5483  | 95524  | 2.10%  | 0.101% |
| 130 | 10.125 | 10.107 | 10.155 | VV | 6089  | 163586 | 3.60%  | 0.173% |
| 131 | 10.182 | 10.155 | 10.204 | VV | 10933 | 224544 | 4.94%  | 0.237% |
| 132 | 10.231 | 10.204 | 10.303 | VV | 8151  | 421463 | 9.28%  | 0.445% |
| 133 | 10.328 | 10.303 | 10.380 | VV | 8912  | 351214 | 7.73%  | 0.371% |
| 134 | 10.403 | 10.380 | 10.443 | VV | 8004  | 292923 | 6.45%  | 0.309% |
| 135 | 10.499 | 10.443 | 10.522 | VV | 10695 | 414641 | 9.13%  | 0.438% |
| 136 | 10.566 | 10.522 | 10.606 | VV | 10867 | 497440 | 10.95% | 0.525% |
| 137 | 10.661 | 10.606 | 10.680 | VV | 11916 | 483288 | 10.64% | 0.510% |
| 138 | 10.706 | 10.680 | 10.728 | VV | 11539 | 319755 | 7.04%  | 0.337% |
| 139 | 10.760 | 10.728 | 10.775 | VV | 13801 | 353499 | 7.78%  | 0.373% |
| 140 | 10.796 | 10.775 | 10.819 | VV | 15547 | 373616 | 8.22%  | 0.394% |
| 141 | 10.857 | 10.819 | 10.887 | VV | 15248 | 558329 | 12.29% | 0.589% |

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|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    |        |         |         |        |
|     |        |        |        |    | rters  |         |         |        |
| 142 | 10.930 | 10.887 | 10.941 | VV | 15257  | 468924  | 10.32%  | 0.495% |
| 143 | 10.963 | 10.941 | 10.991 | VV | 19816  | 493565  | 10.32%  | 0.495% |
| 144 | 11.007 | 10.991 | 11.021 | VV | 14945  | 261508  | 10.32%  | 0.495% |
| 145 | 11.052 | 11.021 | 11.066 | VV | 15322  | 401555  | 10.32%  | 0.495% |
|     |        |        |        |    |        |         |         |        |
| 146 | 11.120 | 11.066 | 11.160 | VV | 22673  | 1008983 | 22.06%  | 0.785% |
| 147 | 11.174 | 11.160 | 11.183 | VV | 17758  | 245184  | 5.13%   | 0.246% |
| 148 | 11.201 | 11.183 | 11.251 | VV | 21172  | 744293  | 16.38%  | 0.785% |
| 149 | 11.319 | 11.251 | 11.365 | VV | 174115 | 2888687 | 63.59%  | 3.049% |
| 150 | 11.393 | 11.365 | 11.440 | VV | 42208  | 1106158 | 24.35%  | 1.167% |
|     |        |        |        |    |        |         |         |        |
| 151 | 11.454 | 11.440 | 11.461 | VV | 18970  | 233093  | 5.13%   | 0.246% |
| 152 | 11.475 | 11.461 | 11.518 | VV | 19480  | 641221  | 14.12%  | 0.677% |
| 153 | 11.533 | 11.518 | 11.546 | VV | 19203  | 322590  | 7.10%   | 0.340% |
| 154 | 11.570 | 11.546 | 11.586 | VV | 20853  | 471905  | 10.39%  | 0.498% |
| 155 | 11.605 | 11.586 | 11.635 | VV | 26804  | 634851  | 13.98%  | 0.670% |
|     |        |        |        |    |        |         |         |        |
| 156 | 11.670 | 11.635 | 11.682 | VV | 19606  | 547718  | 12.06%  | 0.578% |
| 157 | 11.711 | 11.682 | 11.732 | VV | 20915  | 598279  | 13.17%  | 0.631% |
| 158 | 11.745 | 11.732 | 11.792 | VV | 21353  | 738884  | 16.27%  | 0.780% |
| 159 | 11.851 | 11.792 | 11.873 | VV | 23257  | 1001836 | 22.05%  | 1.057% |
| 160 | 11.889 | 11.873 | 11.905 | VV | 20299  | 380568  | 8.38%   | 0.402% |
|     |        |        |        |    |        |         |         |        |
| 161 | 11.926 | 11.905 | 11.960 | VV | 22017  | 686878  | 15.12%  | 0.725% |
| 162 | 11.977 | 11.960 | 11.987 | VV | 20708  | 327883  | 7.22%   | 0.346% |
| 163 | 12.001 | 11.987 | 12.030 | VV | 21241  | 529645  | 11.66%  | 0.559% |
| 164 | 12.084 | 12.030 | 12.107 | VV | 103477 | 1814863 | 39.95%  | 1.915% |
| 165 | 12.125 | 12.107 | 12.140 | VV | 30054  | 487086  | 10.72%  | 0.514% |
|     |        |        |        |    |        |         |         |        |
| 166 | 12.155 | 12.140 | 12.198 | VV | 34204  | 847344  | 18.65%  | 0.894% |
| 167 | 12.242 | 12.198 | 12.261 | VV | 54777  | 1175438 | 25.88%  | 1.241% |
| 168 | 12.275 | 12.261 | 12.291 | VV | 30944  | 482748  | 10.63%  | 0.509% |
| 169 | 12.305 | 12.291 | 12.336 | VV | 28658  | 617313  | 13.59%  | 0.651% |
| 170 | 12.391 | 12.336 | 12.422 | VV | 20394  | 998276  | 21.98%  | 1.054% |
|     |        |        |        |    |        |         |         |        |
| 171 | 12.449 | 12.422 | 12.465 | VV | 22116  | 525864  | 11.58%  | 0.555% |
| 172 | 12.483 | 12.465 | 12.560 | VV | 37286  | 1307065 | 28.77%  | 1.379% |
| 173 | 12.596 | 12.560 | 12.648 | VV | 30510  | 1089716 | 23.99%  | 1.150% |
| 174 | 12.677 | 12.648 | 12.721 | VV | 25902  | 866963  | 19.09%  | 0.915% |
| 175 | 12.744 | 12.721 | 12.798 | VV | 22574  | 849108  | 18.69%  | 0.896% |
|     |        |        |        |    |        |         |         |        |
| 176 | 12.815 | 12.798 | 12.830 | VV | 16783  | 319805  | 7.04%   | 0.338% |
| 177 | 12.850 | 12.830 | 12.898 | VV | 17750  | 668594  | 14.72%  | 0.706% |
| 178 | 12.934 | 12.898 | 12.956 | VV | 18148  | 587967  | 12.94%  | 0.621% |
| 179 | 12.979 | 12.956 | 13.006 | VV | 22524  | 528785  | 11.64%  | 0.558% |
| 180 | 13.030 | 13.006 | 13.050 | VV | 20830  | 452107  | 9.95%   | 0.477% |
|     |        |        |        |    |        |         |         |        |
| 181 | 13.066 | 13.050 | 13.081 | VV | 17455  | 309120  | 6.80%   | 0.326% |
| 182 | 13.097 | 13.081 | 13.117 | VV | 16747  | 335128  | 7.38%   | 0.354% |
| 183 | 13.151 | 13.117 | 13.188 | VV | 369452 | 4542583 | 100.00% | 4.794% |
| 184 | 13.208 | 13.188 | 13.251 | VV | 17250  | 533777  | 11.75%  | 0.563% |
| 185 | 13.300 | 13.251 | 13.317 | VV | 15351  | 539317  | 11.87%  | 0.569% |
|     |        |        |        |    |        |         |         |        |
| 186 | 13.336 | 13.317 | 13.417 | VV | 20383  | 842004  | 18.54%  | 0.889% |
| 187 | 13.451 | 13.417 | 13.479 | VV | 285910 | 3429737 | 75.50%  | 3.620% |
| 188 | 13.521 | 13.479 | 13.575 | VV | 75414  | 1803505 | 39.70%  | 1.903% |
| 189 | 13.620 | 13.575 | 13.636 | VV | 15368  | 421643  | 9.28%   | 0.445% |
| 190 | 13.645 | 13.636 | 13.668 | VV | 13355  | 218429  | 4.81%   | 0.231% |
|     |        |        |        |    |        |         |         |        |
| 191 | 13.714 | 13.668 | 13.761 | VV | 19276  | 609064  | 13.41%  | 0.643% |
| 192 | 13.787 | 13.761 | 13.812 | VV | 10397  | 263822  | 5.81%   | 0.278% |
| 193 | 13.845 | 13.812 | 13.881 | VV | 13146  | 368223  | 8.11%   | 0.389% |
| 194 | 13.908 | 13.881 | 13.935 | VV | 18880  | 378744  | 8.34%   | 0.400% |

Instrument :

FID\_E

ClientSampleId :

256-E2DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2025

Supervised By :mohammad ahmed 08/11/2025

| Client Sample Data - 256-E2DL |         |         |         |         |         |         | Parameters                  |         |
|-------------------------------|---------|---------|---------|---------|---------|---------|-----------------------------|---------|
| Index                         | Value 1 | Value 2 | Value 3 | Value 4 | Value 5 | Value 6 | Value 7                     | Value 8 |
| 195                           | 13.952  | 13.935  | 13.991  | VV      | 6453    | 205927  | 4.53%                       | 0.217%  |
| 196                           | 14.037  | 13.991  | 14.074  | VV      | 38765   | 760618  | Manual Integration Required |         |
| 197                           | 14.100  | 14.074  | 14.119  | VV      | 8151    | 174724  |                             |         |
| 198                           | 14.145  | 14.119  | 14.168  | VV      | 27986   | 434242  |                             |         |
| 199                           | 14.187  | 14.168  | 14.209  | VV      | 16626   | 262197  |                             |         |
| 200                           | 14.228  | 14.209  | 14.250  | VV      | 11928   | 200895  | 4.53%                       | 0.217%  |
| 201                           | 14.318  | 14.250  | 14.327  | VV      | 15046   | 437016  | 9.62%                       | 0.461%  |
| 202                           | 14.341  | 14.327  | 14.398  | VV      | 17281   | 422555  | 9.30%                       | 0.446%  |
| 203                           | 14.431  | 14.398  | 14.451  | VV      | 6170    | 144232  | 3.18%                       | 0.152%  |
| 204                           | 14.471  | 14.451  | 14.495  | VV      | 4478    | 102805  | 2.26%                       | 0.108%  |
| 205                           | 14.520  | 14.495  | 14.558  | VV      | 3944    | 126269  | 2.78%                       | 0.133%  |
| 206                           | 14.570  | 14.558  | 14.611  | VV      | 3245    | 81961   | 1.80%                       | 0.086%  |
| 207                           | 14.627  | 14.611  | 14.658  | VV      | 2627    | 62942   | 1.39%                       | 0.066%  |
| 208                           | 14.678  | 14.658  | 14.693  | VV      | 2726    | 47307   | 1.04%                       | 0.050%  |
| 209                           | 14.728  | 14.693  | 14.755  | VV      | 6530    | 181259  | 3.99%                       | 0.191%  |
| 210                           | 14.776  | 14.755  | 14.810  | VV      | 15755   | 238621  | 5.25%                       | 0.252%  |
| 211                           | 14.837  | 14.810  | 14.860  | VV      | 6127    | 126690  | 2.79%                       | 0.134%  |
| 212                           | 14.878  | 14.860  | 14.913  | VV      | 4598    | 96866   | 2.13%                       | 0.102%  |
| 213                           | 14.956  | 14.913  | 14.993  | VV      | 23471   | 401469  | 8.84%                       | 0.424%  |
| 214                           | 15.020  | 14.993  | 15.043  | VV      | 35114   | 477960  | 10.52%                      | 0.504%  |
| 215                           | 15.078  | 15.043  | 15.119  | VV      | 19823   | 381840  | 8.41%                       | 0.403%  |
| 216                           | 15.143  | 15.119  | 15.160  | VV      | 3465    | 55236   | 1.22%                       | 0.058%  |
| 217                           | 15.204  | 15.160  | 15.258  | VV      | 8712    | 199153  | 4.38%                       | 0.210%  |
| 218                           | 15.284  | 15.258  | 15.302  | VV      | 5509    | 77853   | 1.71%                       | 0.082%  |
| 219                           | 15.333  | 15.302  | 15.353  | VV      | 120149  | 1506172 | 33.16%                      | 1.590%  |
| 220                           | 15.375  | 15.353  | 15.406  | VV      | 150482  | 1770923 | 38.98%                      | 1.869%  |
| 221                           | 15.421  | 15.406  | 15.447  | VV      | 3171    | 49477   | 1.09%                       | 0.052%  |
| 222                           | 15.496  | 15.447  | 15.547  | VV      | 30178   | 485223  | 10.68%                      | 0.512%  |
| 223                           | 15.570  | 15.547  | 15.606  | VV      | 5104    | 86338   | 1.90%                       | 0.091%  |
| 224                           | 15.634  | 15.606  | 15.655  | PV      | 6233    | 105202  | 2.32%                       | 0.111%  |
| 225                           | 15.675  | 15.655  | 15.740  | VV      | 10657   | 205116  | 4.52%                       | 0.216%  |
| 226                           | 15.775  | 15.740  | 15.802  | VV      | 7457    | 136043  | 2.99%                       | 0.144%  |
| 227                           | 15.816  | 15.802  | 15.845  | VV      | 3501    | 50803   | 1.12%                       | 0.054%  |
| 228                           | 15.905  | 15.845  | 15.935  | VV      | 3766    | 84448   | 1.86%                       | 0.089%  |
| 229                           | 15.962  | 15.935  | 15.970  | VV      | 4688    | 59152   | 1.30%                       | 0.062%  |
| 230                           | 16.007  | 15.970  | 16.028  | VV      | 17522   | 320094  | 7.05%                       | 0.338%  |
| 231                           | 16.044  | 16.028  | 16.071  | VV      | 8537    | 121392  | 2.67%                       | 0.128%  |
| 232                           | 16.091  | 16.071  | 16.111  | VV      | 6367    | 87156   | 1.92%                       | 0.092%  |
| 233                           | 16.163  | 16.111  | 16.208  | VV      | 16429   | 403399  | 8.88%                       | 0.426%  |
| 234                           | 16.244  | 16.208  | 16.280  | VV      | 7233    | 115490  | 2.54%                       | 0.122%  |
| 235                           | 16.294  | 16.280  | 16.307  | VV      | 829     | 12383   | 0.27%                       | 0.013%  |
| 236                           | 16.329  | 16.307  | 16.346  | VV      | 4874    | 60022   | 1.32%                       | 0.063%  |
| 237                           | 16.364  | 16.346  | 16.385  | VV      | 4680    | 60231   | 1.33%                       | 0.064%  |
| 238                           | 16.409  | 16.385  | 16.421  | VV      | 3903    | 55965   | 1.23%                       | 0.059%  |
| 239                           | 16.432  | 16.421  | 16.456  | VV      | 3710    | 51347   | 1.13%                       | 0.054%  |
| 240                           | 16.468  | 16.456  | 16.491  | VV      | 1003    | 11547   | 0.25%                       | 0.012%  |
| 241                           | 16.509  | 16.491  | 16.524  | VV      | 763     | 8881    | 0.20%                       | 0.009%  |
| 242                           | 16.539  | 16.524  | 16.558  | VV      | 519     | 4649    | 0.10%                       | 0.005%  |
| 243                           | 16.566  | 16.558  | 16.578  | PV      | 337     | 2458    | 0.05%                       | 0.003%  |
| 244                           | 16.622  | 16.578  | 16.658  | VV      | 3714    | 81484   | 1.79%                       | 0.086%  |
| 245                           | 16.680  | 16.658  | 16.700  | VV      | 6260    | 81277   | 1.79%                       | 0.086%  |
| 246                           | 16.715  | 16.700  | 16.765  | VV      | 2122    | 68346   | 1.50%                       | 0.072%  |

Manual IntegrationsAPPROVED

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    |        |         |        |        |
|     |        |        |        |    | rters  |         |        |        |
| 247 | 16.796 | 16.765 | 16.814 | VV | 8972   | 178404  | 3.93%  | 0.188% |
| 248 | 16.823 | 16.814 | 16.848 | VV | 7211   | 94084   |        |        |
| 249 | 16.899 | 16.848 | 16.957 | VV | 166481 | 3219054 | 70.24% | 2.702% |
| 250 | 16.976 | 16.957 | 17.000 | VV | 4206   | 76353   | 3.93%  | 0.188% |
|     |        |        |        |    |        |         |        |        |
| 251 | 17.028 | 17.000 | 17.049 | VV | 23267  | 302049  | 6.83%  | 0.040% |
| 252 | 17.064 | 17.049 | 17.102 | VV | 6191   | 124271  | 2.01%  | 0.096% |
| 253 | 17.117 | 17.102 | 17.129 | VV | 2854   | 37661   | 0.83%  | 0.040% |
| 254 | 17.150 | 17.129 | 17.164 | VV | 6195   | 91084   | 2.01%  | 0.096% |
| 255 | 17.222 | 17.164 | 17.249 | VV | 100470 | 1564460 | 34.44% | 1.651% |
|     |        |        |        |    |        |         |        |        |
| 256 | 17.279 | 17.249 | 17.325 | VV | 119508 | 1648757 | 36.30% | 1.740% |
| 257 | 17.380 | 17.325 | 17.408 | VV | 35356  | 591441  | 13.02% | 0.624% |
| 258 | 17.432 | 17.408 | 17.459 | VV | 9916   | 189648  | 4.17%  | 0.200% |
| 259 | 17.519 | 17.459 | 17.565 | VV | 8118   | 335711  | 7.39%  | 0.354% |
| 260 | 17.581 | 17.565 | 17.600 | VV | 4873   | 83244   | 1.83%  | 0.088% |
|     |        |        |        |    |        |         |        |        |
| 261 | 17.641 | 17.600 | 17.672 | VV | 15173  | 406949  | 8.96%  | 0.429% |
| 262 | 17.682 | 17.672 | 17.710 | VV | 8330   | 141113  | 3.11%  | 0.149% |
| 263 | 17.737 | 17.710 | 17.755 | VV | 9122   | 177828  | 3.91%  | 0.188% |
| 264 | 17.779 | 17.755 | 17.787 | VV | 9506   | 155324  | 3.42%  | 0.164% |
| 265 | 17.806 | 17.787 | 17.838 | VV | 16539  | 290519  | 6.40%  | 0.307% |
|     |        |        |        |    |        |         |        |        |
| 266 | 17.864 | 17.838 | 17.880 | VV | 7502   | 145120  | 3.19%  | 0.153% |
| 267 | 17.893 | 17.880 | 17.912 | VV | 6994   | 110352  | 2.43%  | 0.116% |
| 268 | 17.938 | 17.912 | 17.963 | VV | 14607  | 266463  | 5.87%  | 0.281% |
| 269 | 17.976 | 17.963 | 18.015 | VV | 6110   | 153698  | 3.38%  | 0.162% |
| 270 | 18.053 | 18.015 | 18.105 | VV | 6798   | 269097  | 5.92%  | 0.284% |
|     |        |        |        |    |        |         |        |        |
| 271 | 18.120 | 18.105 | 18.138 | VV | 4416   | 82056   | 1.81%  | 0.087% |
| 272 | 18.246 | 18.138 | 18.297 | VV | 15821  | 687800  | 15.14% | 0.726% |
| 273 | 18.337 | 18.297 | 18.355 | VV | 12115  | 293289  | 6.46%  | 0.310% |
| 274 | 18.373 | 18.355 | 18.393 | VV | 12195  | 222587  | 4.90%  | 0.235% |
| 275 | 18.414 | 18.393 | 18.427 | VV | 13522  | 220927  | 4.86%  | 0.233% |
|     |        |        |        |    |        |         |        |        |
| 276 | 18.443 | 18.427 | 18.475 | VV | 12660  | 291261  | 6.41%  | 0.307% |
| 277 | 18.495 | 18.475 | 18.527 | VV | 8852   | 241169  | 5.31%  | 0.255% |
| 278 | 18.559 | 18.527 | 18.605 | VV | 30308  | 734223  | 16.16% | 0.775% |
| 279 | 18.652 | 18.605 | 18.720 | VV | 99631  | 2264883 | 49.86% | 2.390% |
| 280 | 18.733 | 18.720 | 18.756 | VV | 13319  | 244114  | 5.37%  | 0.258% |
|     |        |        |        |    |        |         |        |        |
| 281 | 18.815 | 18.799 | 18.874 | VV | 23999  | 613596  | 13.51% | 0.648% |
| 282 | 18.908 | 18.874 | 18.959 | VV | 88656  | 1483055 | 32.65% | 1.565% |
| 283 | 18.990 | 18.959 | 19.010 | VV | 14612  | 354726  | 7.81%  | 0.374% |
| 284 | 19.038 | 19.010 | 19.061 | VV | 31197  | 579562  | 12.76% | 0.612% |
| 285 | 19.081 | 19.061 | 19.118 | VV | 20320  | 488297  | 10.75% | 0.515% |
|     |        |        |        |    |        |         |        |        |
| 286 | 19.134 | 19.118 | 19.148 | VV | 11610  | 197282  | 4.34%  | 0.208% |
| 287 | 19.179 | 19.148 | 19.196 | VV | 14763  | 363078  | 7.99%  | 0.383% |
| 288 | 19.213 | 19.196 | 19.236 | VV | 13886  | 307999  | 6.78%  | 0.325% |
| 289 | 19.253 | 19.236 | 19.273 | VV | 12399  | 255164  | 5.62%  | 0.269% |
| 290 | 19.339 | 19.273 | 19.361 | VV | 14599  | 655007  | 14.42% | 0.691% |
|     |        |        |        |    |        |         |        |        |
| 291 | 19.382 | 19.361 | 19.397 | VV | 12954  | 271900  | 5.99%  | 0.287% |
| 292 | 19.421 | 19.397 | 19.434 | VV | 17005  | 327195  | 7.20%  | 0.345% |
| 293 | 19.546 | 19.534 | 19.550 | VV | 13493  | 125681  | 2.77%  | 0.133% |
| 294 | 19.581 | 19.550 | 19.605 | VV | 18675  | 535911  | 11.80% | 0.566% |
| 295 | 19.626 | 19.605 | 19.675 | VV | 18244  | 630088  | 13.87% | 0.665% |
|     |        |        |        |    |        |         |        |        |
| 296 | 19.705 | 19.675 | 19.723 | VV | 14820  | 410457  | 9.04%  | 0.433% |
| 297 | 19.761 | 19.723 | 19.818 | VV | 16275  | 830840  | 18.29% | 0.877% |
| 298 | 19.866 | 19.818 | 19.891 | VV | 23215  | 736835  | 16.22% | 0.778% |
| 299 | 19.987 | 19.962 | 20.025 | VV | 20181  | 717933  | 15.80% | 0.758% |

Instrument :

FID\_E

ClientSampleId :

256-E2DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2025

Supervised By :mohammad ahmed 08/11/2025

|     |        |        |        |    |       |                         |          |        |  |
|-----|--------|--------|--------|----|-------|-------------------------|----------|--------|--|
|     |        |        |        |    | rters |                         |          |        |  |
| 300 | 20.065 | 20.025 | 20.095 | VV | 38671 | 1091199                 | 24.02%   | 1.152% |  |
| 301 | 20.132 | 20.095 | 20.165 | VV | 36976 | 1172662                 | 25.00%   | 1.152% |  |
| 302 | 20.306 | 20.286 | 20.324 | VV | 21973 | 488373                  | 10.00%   | 1.152% |  |
| 303 | 20.348 | 20.324 | 20.378 | VV | 24793 | 743820                  | 16.00%   | 1.152% |  |
| 304 | 20.442 | 20.378 | 20.488 | VV | 42198 | 1931097                 | 42.00%   | 1.152% |  |
| 305 | 20.718 | 20.668 | 20.748 | VV | 28697 | 1334034                 | 29.00%   | 1.152% |  |
| 306 | 20.849 | 20.823 | 20.861 | VV | 27707 | 613096                  | 13.50%   | 0.647% |  |
|     |        |        |        |    |       | Sum of corrected areas: | 94754448 |        |  |

Instrument :  
FID\_E  
ClientSampleId :  
256-E2DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/08/2025  
Supervised By :mohammad ahmed 08/11/2025

Aliphatic EPH 080125.M Fri Aug 08 05:46:35 2025