

rteres

Instrument :

FID\_E

ClientSampleId :

OR-400-CF-402B-COMP-23

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/03/2025

Supervised By :mohammad ahmed 06/04/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE06022  
Data File : FE054126.D  
Signal(s) : FID1B.ch  
Acq On : 02 Jun 2025 17:18  
Sample : Q2173-01  
Misc :  
ALS Vial : 15 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         | 2.829       | 2.805        | 2.861      | BV       | 276            | 6169         | 0.10%          | 0.005%        |
| 2         | 2.875       | 2.861        | 2.918      | VV       | 309            | 5648         | 0.09%          | 0.005%        |
| 3         | 2.961       | 2.918        | 3.025      | VV       | 169            | 5222         | 0.08%          | 0.004%        |
| 4         | 3.038       | 3.025        | 3.139      | VV       | 120            | 4368         | 0.07%          | 0.004%        |
| 5         | 3.146       | 3.139        | 3.155      | VV       | 64             | 460          | 0.01%          | 0.000%        |
| 6         | 3.183       | 3.155        | 3.219      | PV       | 259            | 4879         | 0.08%          | 0.004%        |
| 7         | 3.231       | 3.219        | 3.241      | VV       | 104            | 916          | 0.01%          | 0.001%        |
| 8         | 3.270       | 3.241        | 3.280      | VV       | 97             | 1453         | 0.02%          | 0.001%        |
| 9         | 3.292       | 3.280        | 3.308      | VV       | 95             | 1189         | 0.02%          | 0.001%        |
| 10        | 3.314       | 3.308        | 3.338      | VV       | 92             | 1647         | 0.03%          | 0.001%        |
| 11        | 3.348       | 3.338        | 3.375      | VV       | 146            | 1662         | 0.03%          | 0.001%        |
| 12        | 3.426       | 3.375        | 3.435      | VV       | 160            | 3971         | 0.06%          | 0.003%        |
| 13        | 3.501       | 3.435        | 3.544      | VV       | 222            | 8167         | 0.13%          | 0.007%        |
| 14        | 3.569       | 3.544        | 3.613      | VV       | 152            | 4275         | 0.07%          | 0.004%        |
| 15        | 3.642       | 3.613        | 3.660      | PV       | 272            | 4829         | 0.08%          | 0.004%        |
| 16        | 3.683       | 3.660        | 3.711      | VV       | 249            | 5306         | 0.09%          | 0.004%        |
| 17        | 3.719       | 3.711        | 3.751      | VV       | 185            | 3095         | 0.05%          | 0.003%        |
| 18        | 3.775       | 3.751        | 3.791      | VV       | 313            | 4948         | 0.08%          | 0.004%        |
| 19        | 3.806       | 3.791        | 3.858      | VV       | 280            | 7571         | 0.12%          | 0.006%        |
| 20        | 3.876       | 3.858        | 3.941      | VV       | 361            | 8634         | 0.14%          | 0.007%        |
| 21        | 3.984       | 3.941        | 3.995      | VV       | 255            | 6103         | 0.10%          | 0.005%        |
| 22        | 4.017       | 3.995        | 4.048      | VV       | 297            | 7348         | 0.12%          | 0.006%        |
| 23        | 4.050       | 4.048        | 4.064      | VV       | 199            | 1295         | 0.02%          | 0.001%        |
| 24        | 4.090       | 4.064        | 4.127      | VV       | 244            | 5626         | 0.09%          | 0.005%        |
| 25        | 4.168       | 4.127        | 4.192      | VV       | 614            | 14966        | 0.24%          | 0.012%        |
| 26        | 4.212       | 4.192        | 4.375      | VV       | 373            | 25027        | 0.41%          | 0.021%        |
| 27        | 4.391       | 4.375        | 4.404      | VV       | 191            | 3041         | 0.05%          | 0.002%        |
| 28        | 4.414       | 4.404        | 4.424      | VV       | 243            | 2126         | 0.03%          | 0.002%        |
| 29        | 4.448       | 4.424        | 4.470      | VV       | 486            | 7760         | 0.13%          | 0.006%        |
| 30        | 4.483       | 4.470        | 4.525      | VV       | 269            | 5972         | 0.10%          | 0.005%        |
| 31        | 4.531       | 4.525        | 4.550      | VV       | 202            | 2030         | 0.03%          | 0.002%        |
| 32        | 4.571       | 4.550        | 4.590      | VV       | 314            | 4840         | 0.08%          | 0.004%        |
| 33        | 4.628       | 4.590        | 4.665      | VV       | 291            | 9675         | 0.16%          | 0.008%        |
| 34        | 4.688       | 4.665        | 4.725      | VV       | 830            | 22569        | 0.37%          | 0.019%        |
| 35        | 4.730       | 4.725        | 4.751      | VV       | 587            | 7896         | 0.13%          | 0.006%        |
| 36        | 4.764       | 4.751        | 4.830      | VV       | 440            | 14858        | 0.24%          | 0.012%        |

|    |       |       |       |    |       |        |       |        |
|----|-------|-------|-------|----|-------|--------|-------|--------|
| 37 | 4.861 | 4.830 | 4.899 | VV | 314   | 10691  | 0.17% | 0.009% |
| 38 | 4.915 | 4.899 | 4.930 | VV | 311   | 4536   |       |        |
| 39 | 4.954 | 4.930 | 5.016 | VV | 373   | 11531  |       |        |
| 40 | 5.029 | 5.016 | 5.061 | VV | 191   | 4007   |       |        |
| 41 | 5.067 | 5.061 | 5.095 | VV | 195   | 2542   |       |        |
| 42 | 5.124 | 5.095 | 5.143 | VV | 187   | 3153   |       |        |
| 43 | 5.156 | 5.143 | 5.191 | VV | 146   | 2682   | 0.04% | 0.002% |
| 44 | 5.210 | 5.191 | 5.230 | VV | 209   | 3286   | 0.05% | 0.003% |
| 45 | 5.239 | 5.230 | 5.320 | VV | 180   | 5908   | 0.10% | 0.005% |
| 46 | 5.342 | 5.320 | 5.394 | VV | 300   | 7839   | 0.13% | 0.006% |
| 47 | 5.417 | 5.394 | 5.512 | VV | 208   | 9988   | 0.16% | 0.008% |
| 48 | 5.527 | 5.512 | 5.570 | VV | 113   | 1993   | 0.03% | 0.002% |
| 49 | 5.596 | 5.570 | 5.638 | VV | 583   | 9781   | 0.16% | 0.008% |
| 50 | 5.664 | 5.638 | 5.684 | VV | 236   | 3522   | 0.06% | 0.003% |
| 51 | 5.717 | 5.684 | 5.731 | PV | 167   | 2457   | 0.04% | 0.002% |
| 52 | 5.771 | 5.731 | 5.845 | VV | 163   | 4878   | 0.08% | 0.004% |
| 53 | 5.911 | 5.845 | 6.055 | VV | 621   | 35349  | 0.57% | 0.029% |
| 54 | 6.066 | 6.055 | 6.108 | VV | 194   | 4121   | 0.07% | 0.003% |
| 55 | 6.118 | 6.108 | 6.148 | VV | 198   | 2820   | 0.05% | 0.002% |
| 56 | 6.178 | 6.148 | 6.255 | VV | 1746  | 48276  | 0.78% | 0.040% |
| 57 | 6.269 | 6.255 | 6.308 | VV | 370   | 9483   | 0.15% | 0.008% |
| 58 | 6.335 | 6.308 | 6.381 | VV | 317   | 9637   | 0.16% | 0.008% |
| 59 | 6.417 | 6.381 | 6.458 | VV | 250   | 8286   | 0.13% | 0.007% |
| 60 | 6.521 | 6.458 | 6.561 | VV | 410   | 15841  | 0.26% | 0.013% |
| 61 | 6.584 | 6.561 | 6.607 | VV | 356   | 7356   | 0.12% | 0.006% |
| 62 | 6.632 | 6.607 | 6.671 | VV | 578   | 11969  | 0.19% | 0.010% |
| 63 | 6.682 | 6.671 | 6.688 | VV | 227   | 2092   | 0.03% | 0.002% |
| 64 | 6.708 | 6.688 | 6.739 | VV | 257   | 7047   | 0.11% | 0.006% |
| 65 | 6.749 | 6.739 | 6.763 | VV | 214   | 2526   | 0.04% | 0.002% |
| 66 | 6.782 | 6.763 | 6.805 | VV | 357   | 6411   | 0.10% | 0.005% |
| 67 | 6.814 | 6.805 | 6.895 | VV | 215   | 5269   | 0.09% | 0.004% |
| 68 | 6.906 | 6.895 | 6.940 | PV | 92    | 1554   | 0.03% | 0.001% |
| 69 | 6.959 | 6.940 | 7.006 | VV | 265   | 6524   | 0.11% | 0.005% |
| 70 | 7.042 | 7.006 | 7.069 | VV | 347   | 8794   | 0.14% | 0.007% |
| 71 | 7.083 | 7.069 | 7.113 | VV | 274   | 4782   | 0.08% | 0.004% |
| 72 | 7.135 | 7.113 | 7.143 | VV | 169   | 2231   | 0.04% | 0.002% |
| 73 | 7.201 | 7.143 | 7.231 | VV | 299   | 11265  | 0.18% | 0.009% |
| 74 | 7.278 | 7.231 | 7.332 | VV | 1430  | 42843  | 0.69% | 0.035% |
| 75 | 7.354 | 7.332 | 7.381 | VV | 817   | 16004  | 0.26% | 0.013% |
| 76 | 7.409 | 7.381 | 7.448 | VV | 1779  | 32706  | 0.53% | 0.027% |
| 77 | 7.455 | 7.448 | 7.508 | VV | 485   | 11946  | 0.19% | 0.010% |
| 78 | 7.522 | 7.508 | 7.541 | VV | 297   | 5041   | 0.08% | 0.004% |
| 79 | 7.582 | 7.541 | 7.632 | VV | 856   | 19826  | 0.32% | 0.016% |
| 80 | 7.643 | 7.632 | 7.731 | VV | 251   | 7527   | 0.12% | 0.006% |
| 81 | 7.756 | 7.731 | 7.785 | PV | 336   | 4103   | 0.07% | 0.003% |
| 82 | 7.804 | 7.785 | 7.816 | PV | 87    | 966    | 0.02% | 0.001% |
| 83 | 8.179 | 8.131 | 8.234 | VV | 1704  | 72752  | 1.18% | 0.060% |
| 84 | 8.289 | 8.234 | 8.315 | VV | 1850  | 59673  | 0.97% | 0.049% |
| 85 | 8.335 | 8.315 | 8.358 | VV | 1952  | 34695  | 0.56% | 0.029% |
| 86 | 8.392 | 8.358 | 8.434 | VV | 4390  | 106328 | 1.72% | 0.087% |
| 87 | 8.457 | 8.434 | 8.498 | VV | 8153  | 134681 | 2.18% | 0.111% |
| 88 | 8.518 | 8.498 | 8.529 | VV | 1811  | 27924  | 0.45% | 0.023% |
| 89 | 8.573 | 8.529 | 8.645 | VV | 24150 | 455464 | 7.38% | 0.374% |

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|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 90  | 8.661  | 8.645  | 8.745  | VV | 2993   | 58580   | 0.95%  | 0.048% |
| 91  | 8.870  | 8.851  | 8.938  | VV | 15672  | 333419  |        |        |
| 92  | 8.955  | 8.938  | 8.971  | VV | 3121   | 58559   |        |        |
| 93  | 9.008  | 8.971  | 9.092  | VV | 3849   | 151256  |        |        |
| 94  | 9.116  | 9.092  | 9.138  | VV | 2443   | 43281   |        |        |
| 95  | 9.160  | 9.138  | 9.178  | VV | 3100   | 55351   |        |        |
| 96  | 9.209  | 9.178  | 9.271  | VV | 4642   | 120915  | 1.96%  | 0.099% |
| 97  | 9.292  | 9.271  | 9.312  | VV | 3044   | 46833   | 0.76%  | 0.038% |
| 98  | 9.330  | 9.312  | 9.381  | VV | 2468   | 49850   | 0.81%  | 0.041% |
| 99  | 9.401  | 9.381  | 9.419  | VV | 812    | 14582   | 0.24%  | 0.012% |
| 100 | 9.443  | 9.419  | 9.463  | VV | 3104   | 42535   | 0.69%  | 0.035% |
| 101 | 9.481  | 9.463  | 9.508  | VV | 2005   | 32959   | 0.53%  | 0.027% |
| 102 | 9.534  | 9.508  | 9.558  | VV | 2602   | 44586   | 0.72%  | 0.037% |
| 103 | 9.581  | 9.558  | 9.607  | VV | 2074   | 38266   | 0.62%  | 0.031% |
| 104 | 9.626  | 9.607  | 9.645  | VV | 2166   | 31107   | 0.50%  | 0.026% |
| 105 | 9.671  | 9.645  | 9.723  | VV | 10073  | 202979  | 3.29%  | 0.167% |
| 106 | 9.743  | 9.723  | 9.770  | VV | 2861   | 51072   | 0.83%  | 0.042% |
| 107 | 9.816  | 9.770  | 9.859  | VV | 5958   | 139773  | 2.27%  | 0.115% |
| 108 | 9.875  | 9.859  | 9.895  | VV | 2395   | 39469   | 0.64%  | 0.032% |
| 109 | 9.950  | 9.895  | 9.976  | VV | 18536  | 319294  | 5.18%  | 0.262% |
| 110 | 9.990  | 9.976  | 10.055 | VV | 7013   | 167130  | 2.71%  | 0.137% |
| 111 | 10.095 | 10.055 | 10.171 | VV | 4486   | 176063  | 2.85%  | 0.145% |
| 112 | 10.179 | 10.171 | 10.218 | VV | 1603   | 27180   | 0.44%  | 0.022% |
| 113 | 10.250 | 10.218 | 10.320 | VV | 1183   | 32414   | 0.53%  | 0.027% |
| 114 | 10.345 | 10.320 | 10.395 | PV | 481    | 12148   | 0.20%  | 0.010% |
| 115 | 10.419 | 10.395 | 10.448 | VV | 4683   | 70917   | 1.15%  | 0.058% |
| 116 | 10.466 | 10.448 | 10.495 | VV | 1824   | 30990   | 0.50%  | 0.025% |
| 117 | 10.555 | 10.495 | 10.579 | VV | 5053   | 136429  | 2.21%  | 0.112% |
| 118 | 10.597 | 10.579 | 10.632 | VV | 3850   | 70779   | 1.15%  | 0.058% |
| 119 | 10.670 | 10.632 | 10.710 | VV | 5401   | 120162  | 1.95%  | 0.099% |
| 120 | 10.745 | 10.710 | 10.778 | VV | 5351   | 141892  | 2.30%  | 0.117% |
| 121 | 10.840 | 10.778 | 10.855 | VV | 5805   | 159319  | 2.58%  | 0.131% |
| 122 | 10.883 | 10.855 | 10.935 | VV | 9982   | 285436  | 4.63%  | 0.235% |
| 123 | 10.944 | 10.935 | 10.960 | VV | 2552   | 31693   | 0.51%  | 0.026% |
| 124 | 10.977 | 10.960 | 11.026 | VV | 3214   | 75660   | 1.23%  | 0.062% |
| 125 | 11.074 | 11.026 | 11.129 | VV | 229631 | 2813080 | 45.60% | 2.311% |
| 126 | 11.152 | 11.129 | 11.195 | VV | 64225  | 917789  | 14.88% | 0.754% |
| 127 | 11.212 | 11.195 | 11.313 | VV | 5351   | 161515  | 2.62%  | 0.133% |
| 128 | 11.388 | 11.313 | 11.432 | VV | 7575   | 162651  | 2.64%  | 0.134% |
| 129 | 11.446 | 11.432 | 11.460 | VV | 1730   | 26691   | 0.43%  | 0.022% |
| 130 | 11.478 | 11.460 | 11.496 | VV | 2394   | 38688   | 0.63%  | 0.032% |
| 131 | 11.522 | 11.496 | 11.545 | VV | 3040   | 50748   | 0.82%  | 0.042% |
| 132 | 11.572 | 11.545 | 11.583 | VV | 1964   | 27803   | 0.45%  | 0.023% |
| 133 | 11.610 | 11.583 | 11.649 | VV | 10693  | 165916  | 2.69%  | 0.136% |
| 134 | 11.677 | 11.649 | 11.696 | VV | 4461   | 58458   | 0.95%  | 0.048% |
| 135 | 11.732 | 11.696 | 11.756 | VV | 3585   | 84046   | 1.36%  | 0.069% |
| 136 | 11.780 | 11.756 | 11.798 | VV | 1891   | 33617   | 0.54%  | 0.028% |
| 137 | 11.840 | 11.798 | 11.865 | VV | 429242 | 4753493 | 77.06% | 3.906% |
| 138 | 11.882 | 11.865 | 11.897 | VV | 32810  | 396653  | 6.43%  | 0.326% |
| 139 | 11.914 | 11.897 | 11.957 | VV | 39494  | 554523  | 8.99%  | 0.456% |
| 140 | 11.994 | 11.957 | 12.015 | VV | 44883  | 691689  | 11.21% | 0.568% |
| 141 | 12.030 | 12.015 | 12.044 | VV | 23609  | 289149  | 4.69%  | 0.238% |

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Supervised By :mohammad ahmed 06/04/2025

|     |        |        |        |       |        |         |         |        |
|-----|--------|--------|--------|-------|--------|---------|---------|--------|
|     |        |        |        |       |        |         |         |        |
|     |        |        |        | rters |        |         |         |        |
| 142 | 12.062 | 12.044 | 12.111 | VV    | 30533  | 447968  | 7.26%   | 0.368% |
| 143 | 12.132 | 12.111 | 12.147 | PV    | 1344   | 17502   |         |        |
| 144 | 12.195 | 12.147 | 12.237 | VV    | 3586   | 102438  |         |        |
| 145 | 12.268 | 12.237 | 12.330 | PV    | 14128  | 306575  |         |        |
|     |        |        |        |       |        |         |         |        |
| 146 | 12.355 | 12.330 | 12.402 | VV    | 18626  | 306622  |         |        |
| 147 | 12.418 | 12.402 | 12.462 | VV    | 2977   | 50901   |         |        |
| 148 | 12.500 | 12.462 | 12.522 | VV    | 2807   | 43662   | 0.71%   | 0.036% |
| 149 | 12.564 | 12.522 | 12.587 | VV    | 2489   | 55943   | 0.91%   | 0.046% |
| 150 | 12.608 | 12.587 | 12.616 | VV    | 4395   | 55121   | 0.89%   | 0.045% |
|     |        |        |        |       |        |         |         |        |
| 151 | 12.628 | 12.616 | 12.653 | VV    | 4826   | 71459   | 1.16%   | 0.059% |
| 152 | 12.676 | 12.653 | 12.720 | VV    | 10184  | 193959  | 3.14%   | 0.159% |
| 153 | 12.752 | 12.720 | 12.766 | VV    | 16842  | 214736  | 3.48%   | 0.176% |
| 154 | 12.785 | 12.766 | 12.805 | VV    | 28549  | 389151  | 6.31%   | 0.320% |
| 155 | 12.826 | 12.805 | 12.873 | VV    | 14009  | 417573  | 6.77%   | 0.343% |
|     |        |        |        |       |        |         |         |        |
| 156 | 12.905 | 12.873 | 12.964 | VV    | 523390 | 6168612 | 100.00% | 5.069% |
| 157 | 12.999 | 12.964 | 13.019 | VV    | 3139   | 72969   | 1.18%   | 0.060% |
| 158 | 13.047 | 13.019 | 13.073 | VV    | 11960  | 245487  | 3.98%   | 0.202% |
| 159 | 13.090 | 13.073 | 13.109 | VV    | 16703  | 224042  | 3.63%   | 0.184% |
| 160 | 13.138 | 13.109 | 13.173 | VV    | 8658   | 259486  | 4.21%   | 0.213% |
|     |        |        |        |       |        |         |         |        |
| 161 | 13.204 | 13.173 | 13.238 | VV    | 428001 | 5045476 | 81.79%  | 4.146% |
| 162 | 13.286 | 13.238 | 13.348 | VV    | 338359 | 4794163 | 77.72%  | 3.939% |
| 163 | 13.378 | 13.348 | 13.399 | VV    | 13153  | 207250  | 3.36%   | 0.170% |
| 164 | 13.416 | 13.399 | 13.435 | VV    | 5900   | 103743  | 1.68%   | 0.085% |
| 165 | 13.477 | 13.435 | 13.513 | VV    | 21700  | 399663  | 6.48%   | 0.328% |
|     |        |        |        |       |        |         |         |        |
| 166 | 13.534 | 13.513 | 13.578 | VV    | 8377   | 144786  | 2.35%   | 0.119% |
| 167 | 13.605 | 13.578 | 13.640 | VV    | 11339  | 230978  | 3.74%   | 0.190% |
| 168 | 13.666 | 13.640 | 13.726 | VV    | 31668  | 554327  | 8.99%   | 0.455% |
| 169 | 13.797 | 13.726 | 13.841 | PV    | 72243  | 1355877 | 21.98%  | 1.114% |
| 170 | 13.860 | 13.841 | 13.878 | VV    | 8338   | 117084  | 1.90%   | 0.096% |
|     |        |        |        |       |        |         |         |        |
| 171 | 13.904 | 13.878 | 13.924 | VV    | 37903  | 511090  | 8.29%   | 0.420% |
| 172 | 13.944 | 13.924 | 13.967 | VV    | 37899  | 536054  | 8.69%   | 0.440% |
| 173 | 13.977 | 13.967 | 14.005 | VV    | 11979  | 177086  | 2.87%   | 0.146% |
| 174 | 14.039 | 14.005 | 14.051 | VV    | 17724  | 328421  | 5.32%   | 0.270% |
| 175 | 14.071 | 14.051 | 14.095 | VV    | 36775  | 570578  | 9.25%   | 0.469% |
|     |        |        |        |       |        |         |         |        |
| 176 | 14.114 | 14.095 | 14.162 | VV    | 29163  | 475819  | 7.71%   | 0.391% |
| 177 | 14.172 | 14.162 | 14.183 | VV    | 3955   | 48357   | 0.78%   | 0.040% |
| 178 | 14.202 | 14.183 | 14.214 | VV    | 5414   | 85421   | 1.38%   | 0.070% |
| 179 | 14.232 | 14.214 | 14.255 | VV    | 5678   | 114878  | 1.86%   | 0.094% |
| 180 | 14.270 | 14.255 | 14.290 | VV    | 4441   | 80862   | 1.31%   | 0.066% |
|     |        |        |        |       |        |         |         |        |
| 181 | 14.301 | 14.290 | 14.348 | VV    | 3478   | 66266   | 1.07%   | 0.054% |
| 182 | 14.385 | 14.348 | 14.403 | PV    | 4420   | 73583   | 1.19%   | 0.060% |
| 183 | 14.421 | 14.403 | 14.446 | VV    | 4587   | 81169   | 1.32%   | 0.067% |
| 184 | 14.507 | 14.446 | 14.524 | VV    | 14541  | 443086  | 7.18%   | 0.364% |
| 185 | 14.548 | 14.524 | 14.585 | VV    | 28450  | 507340  | 8.22%   | 0.417% |
|     |        |        |        |       |        |         |         |        |
| 186 | 14.606 | 14.585 | 14.623 | VV    | 11187  | 194167  | 3.15%   | 0.160% |
| 187 | 14.640 | 14.623 | 14.687 | VV    | 11562  | 258370  | 4.19%   | 0.212% |
| 188 | 14.716 | 14.687 | 14.748 | VV    | 42366  | 687267  | 11.14%  | 0.565% |
| 189 | 14.775 | 14.748 | 14.806 | VV    | 57419  | 1020099 | 16.54%  | 0.838% |
| 190 | 14.829 | 14.806 | 14.839 | VV    | 18139  | 282232  | 4.58%   | 0.232% |
|     |        |        |        |       |        |         |         |        |
| 191 | 14.857 | 14.839 | 14.881 | VV    | 27220  | 447745  | 7.26%   | 0.368% |
| 192 | 14.894 | 14.881 | 14.915 | VV    | 10443  | 166663  | 2.70%   | 0.137% |
| 193 | 14.968 | 14.915 | 15.001 | VV    | 12818  | 376580  | 6.10%   | 0.309% |
| 194 | 15.010 | 15.001 | 15.025 | VV    | 2226   | 23075   | 0.37%   | 0.019% |

Instrument :

FID\_E

ClientSampleId :

OR-400-CF-402B-COMP-23

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/03/2025

Supervised By :mohammad ahmed 06/04/2025

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|     |        |        |        |    | rt     | Area    | Area%  | Height |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 195 | 15.093 | 15.025 | 15.113 | VV | 226612 | 3277903 | 53.14% | 2.693% |
| 196 | 15.134 | 15.113 | 15.220 | VV | 248588 | 3538605 | 57.14% | 2.693% |
| 197 | 15.253 | 15.220 | 15.318 | VV | 39793  | 983900  | 15.14% | 2.693% |
| 198 | 15.327 | 15.318 | 15.340 | VV | 5818   | 74163   | 1.01%  | 2.693% |
| 199 | 15.353 | 15.340 | 15.377 | VV | 6636   | 108436  | 1.51%  | 2.693% |
| 200 | 15.407 | 15.377 | 15.421 | VV | 14240  | 242839  | 3.51%  | 2.693% |
| 201 | 15.440 | 15.421 | 15.469 | VV | 21540  | 374861  | 6.08%  | 0.308% |
| 202 | 15.478 | 15.469 | 15.510 | VV | 7193   | 106982  | 1.73%  | 0.088% |
| 203 | 15.560 | 15.510 | 15.622 | VV | 15415  | 565920  | 9.17%  | 0.465% |
| 204 | 15.656 | 15.622 | 15.665 | VV | 12853  | 201453  | 3.27%  | 0.166% |
| 205 | 15.682 | 15.665 | 15.704 | VV | 17583  | 285280  | 4.62%  | 0.234% |
| 206 | 15.726 | 15.704 | 15.743 | VV | 12609  | 205873  | 3.34%  | 0.169% |
| 207 | 15.769 | 15.743 | 15.791 | VV | 60021  | 834666  | 13.53% | 0.686% |
| 208 | 15.807 | 15.791 | 15.840 | VV | 27916  | 469620  | 7.61%  | 0.386% |
| 209 | 15.858 | 15.840 | 15.888 | VV | 13802  | 305576  | 4.95%  | 0.251% |
| 210 | 15.929 | 15.888 | 15.978 | VV | 30002  | 987111  | 16.00% | 0.811% |
| 211 | 16.002 | 15.978 | 16.033 | VV | 14326  | 272518  | 4.42%  | 0.224% |
| 212 | 16.050 | 16.033 | 16.071 | VV | 4687   | 69898   | 1.13%  | 0.057% |
| 213 | 16.093 | 16.071 | 16.133 | VV | 10523  | 169151  | 2.74%  | 0.139% |
| 214 | 16.171 | 16.133 | 16.221 | VV | 11698  | 300798  | 4.88%  | 0.247% |
| 215 | 16.235 | 16.221 | 16.258 | VV | 4047   | 68428   | 1.11%  | 0.056% |
| 216 | 16.271 | 16.258 | 16.290 | VV | 2386   | 31981   | 0.52%  | 0.026% |
| 217 | 16.307 | 16.290 | 16.326 | VV | 1884   | 26598   | 0.43%  | 0.022% |
| 218 | 16.369 | 16.326 | 16.392 | VV | 8849   | 162465  | 2.63%  | 0.133% |
| 219 | 16.413 | 16.392 | 16.433 | PV | 9377   | 131504  | 2.13%  | 0.108% |
| 220 | 16.455 | 16.433 | 16.495 | VV | 13377  | 320898  | 5.20%  | 0.264% |
| 221 | 16.531 | 16.495 | 16.549 | VV | 8693   | 217061  | 3.52%  | 0.178% |
| 222 | 16.575 | 16.549 | 16.601 | VV | 15504  | 312539  | 5.07%  | 0.257% |
| 223 | 16.666 | 16.601 | 16.762 | VV | 280805 | 6080411 | 98.57% | 4.996% |
| 224 | 16.795 | 16.762 | 16.881 | VV | 53962  | 1107870 | 17.96% | 0.910% |
| 225 | 16.944 | 16.881 | 16.961 | VV | 50384  | 891386  | 14.45% | 0.732% |
| 226 | 16.987 | 16.961 | 17.019 | VV | 161790 | 2391237 | 38.76% | 1.965% |
| 227 | 17.048 | 17.019 | 17.120 | VV | 219585 | 3431867 | 55.63% | 2.820% |
| 228 | 17.147 | 17.120 | 17.178 | VV | 59936  | 992269  | 16.09% | 0.815% |
| 229 | 17.196 | 17.178 | 17.218 | VV | 14282  | 267876  | 4.34%  | 0.220% |
| 230 | 17.231 | 17.218 | 17.240 | VV | 8865   | 117432  | 1.90%  | 0.096% |
| 231 | 17.292 | 17.240 | 17.333 | VV | 23502  | 854675  | 13.86% | 0.702% |
| 232 | 17.350 | 17.333 | 17.371 | VV | 12975  | 245355  | 3.98%  | 0.202% |
| 233 | 17.409 | 17.371 | 17.418 | VV | 29160  | 549656  | 8.91%  | 0.452% |
| 234 | 17.428 | 17.418 | 17.487 | VV | 28860  | 720261  | 11.68% | 0.592% |
| 235 | 17.549 | 17.487 | 17.561 | VV | 22687  | 621627  | 10.08% | 0.511% |
| 236 | 17.571 | 17.561 | 17.615 | VV | 24066  | 458784  | 7.44%  | 0.377% |
| 237 | 17.638 | 17.615 | 17.655 | VV | 17046  | 305873  | 4.96%  | 0.251% |
| 238 | 17.667 | 17.655 | 17.683 | VV | 13037  | 211331  | 3.43%  | 0.174% |
| 239 | 17.710 | 17.683 | 17.790 | VV | 23648  | 820792  | 13.31% | 0.674% |
| 240 | 17.836 | 17.790 | 17.874 | VV | 9133   | 368292  | 5.97%  | 0.303% |
| 241 | 17.902 | 17.874 | 17.931 | VV | 8511   | 209713  | 3.40%  | 0.172% |
| 242 | 17.949 | 17.931 | 17.957 | VV | 5438   | 77527   | 1.26%  | 0.064% |
| 243 | 18.008 | 17.957 | 18.031 | VV | 15932  | 454967  | 7.38%  | 0.374% |
| 244 | 18.044 | 18.031 | 18.069 | VV | 10899  | 205840  | 3.34%  | 0.169% |
| 245 | 18.140 | 18.069 | 18.164 | VV | 21027  | 676845  | 10.97% | 0.556% |
| 246 | 18.196 | 18.164 | 18.298 | VV | 17262  | 968288  | 15.70% | 0.796% |

| rteres |        |        |        |    |        |         |        |        |  |
|--------|--------|--------|--------|----|--------|---------|--------|--------|--|
| 247    | 18.335 | 18.298 | 18.392 | VV | 46222  | 1154376 | 18.71% | 0.949% |  |
| 248    | 18.435 | 18.392 | 18.498 | VV | 129736 | 3012124 | 48.61% | 0.949% |  |
| 249    | 18.514 | 18.498 | 18.539 | VV | 22043  | 421913  | 6.16%  | 0.949% |  |
| 250    | 18.564 | 18.539 | 18.578 | VV | 29510  | 488730  | 7.25%  | 0.949% |  |
| 251    | 18.594 | 18.578 | 18.657 | VV | 30308  | 874847  | 14.34% | 0.949% |  |
| 252    | 18.689 | 18.657 | 18.744 | VV | 113618 | 2074378 | 33.31% | 0.949% |  |
| 253    | 18.763 | 18.744 | 18.787 | VV | 12011  | 270010  | 4.38%  | 0.222% |  |
| 254    | 18.829 | 18.787 | 18.901 | VV | 31961  | 1008765 | 16.35% | 0.829% |  |
| 255    | 18.940 | 18.901 | 18.964 | VV | 12429  | 323673  | 5.25%  | 0.266% |  |
| 256    | 18.996 | 18.964 | 19.016 | VV | 13381  | 324407  | 5.26%  | 0.267% |  |
| 257    | 19.033 | 19.016 | 19.058 | VV | 14880  | 272627  | 4.42%  | 0.224% |  |
| 258    | 19.078 | 19.058 | 19.094 | VV | 7575   | 146337  | 2.37%  | 0.120% |  |
| 259    | 19.126 | 19.094 | 19.143 | VV | 13003  | 307493  | 4.98%  | 0.253% |  |
| 260    | 19.154 | 19.143 | 19.181 | VV | 11118  | 222774  | 3.61%  | 0.183% |  |
| 261    | 19.209 | 19.181 | 19.231 | VV | 16551  | 370343  | 6.00%  | 0.304% |  |
| 262    | 19.268 | 19.231 | 19.306 | VV | 13370  | 513104  | 8.32%  | 0.422% |  |
| 263    | 19.325 | 19.306 | 19.348 | VV | 11550  | 251920  | 4.08%  | 0.207% |  |
| 264    | 19.379 | 19.348 | 19.423 | VV | 14087  | 459591  | 7.45%  | 0.378% |  |
| 265    | 19.439 | 19.423 | 19.467 | VV | 7221   | 169412  | 2.75%  | 0.139% |  |
| 266    | 19.482 | 19.467 | 19.514 | VV | 5981   | 156203  | 2.53%  | 0.128% |  |
| 267    | 19.536 | 19.514 | 19.558 | VV | 5981   | 150729  | 2.44%  | 0.124% |  |
| 268    | 19.580 | 19.558 | 19.599 | VV | 5671   | 135128  | 2.19%  | 0.111% |  |
| 269    | 19.672 | 19.599 | 19.687 | VV | 8542   | 363788  | 5.90%  | 0.299% |  |
| 270    | 19.710 | 19.687 | 19.726 | VV | 9350   | 198554  | 3.22%  | 0.163% |  |
| 271    | 19.747 | 19.726 | 19.768 | VV | 10237  | 234829  | 3.81%  | 0.193% |  |
| 272    | 19.780 | 19.768 | 19.797 | VV | 9048   | 148032  | 2.40%  | 0.122% |  |
| 273    | 19.861 | 19.797 | 19.900 | VV | 31992  | 1192937 | 19.34% | 0.980% |  |
| 274    | 19.927 | 19.900 | 19.962 | VV | 33495  | 983222  | 15.94% | 0.808% |  |
| 275    | 19.981 | 19.962 | 20.101 | VV | 23019  | 1495295 | 24.24% | 1.229% |  |
| 276    | 20.152 | 20.101 | 20.201 | VV | 16072  | 813950  | 13.20% | 0.669% |  |
| 277    | 20.249 | 20.201 | 20.295 | VV | 30233  | 1230574 | 19.95% | 1.011% |  |
| 278    | 20.315 | 20.295 | 20.348 | VV | 21750  | 668310  | 10.83% | 0.549% |  |
| 279    | 20.355 | 20.348 | 20.362 | VV | 20469  | 174021  | 2.82%  | 0.143% |  |
| 280    | 20.383 | 20.362 | 20.417 | VV | 21059  | 662189  | 10.73% | 0.544% |  |
| 281    | 20.440 | 20.417 | 20.461 | VV | 19287  | 487053  | 7.90%  | 0.400% |  |
| 282    | 20.528 | 20.461 | 20.541 | VV | 19910  | 908915  | 14.73% | 0.747% |  |
| 283    | 20.562 | 20.541 | 20.580 | VV | 19359  | 444842  | 7.21%  | 0.366% |  |
| 284    | 20.590 | 20.580 | 20.618 | VV | 19768  | 438125  | 7.10%  | 0.360% |  |
| 285    | 20.667 | 20.618 | 20.678 | VV | 20222  | 706263  | 11.45% | 0.580% |  |
| 286    | 20.734 | 20.678 | 20.754 | VV | 22183  | 952779  | 15.45% | 0.783% |  |
| 287    | 20.765 | 20.754 | 20.801 | VV | 21452  | 590856  | 9.58%  | 0.485% |  |
| 288    | 20.822 | 20.801 | 20.865 | VV | 20770  | 766320  | 12.42% | 0.630% |  |
| 289    | 20.889 | 20.865 | 20.907 | VV | 20947  | 520719  | 8.44%  | 0.428% |  |
| 290    | 20.926 | 20.907 | 20.941 | VV | 20451  | 416395  | 6.75%  | 0.342% |  |
| 291    | 20.950 | 20.941 | 20.975 | VV | 20136  | 402386  | 6.52%  | 0.331% |  |
| 292    | 20.992 | 20.975 | 21.009 | VV | 19458  | 395678  | 6.41%  | 0.325% |  |
| 293    | 21.035 | 21.009 | 21.049 | VV | 19441  | 452061  | 7.33%  | 0.371% |  |
| 294    | 21.061 | 21.049 | 21.080 | VV | 19206  | 351629  | 5.70%  | 0.289% |  |
| 295    | 21.101 | 21.080 | 21.133 | VV | 19124  | 598251  | 9.70%  | 0.492% |  |
| 296    | 21.146 | 21.133 | 21.166 | VV | 18116  | 343586  | 5.57%  | 0.282% |  |
| 297    | 21.187 | 21.166 | 21.197 | VV | 17194  | 319090  | 5.17%  | 0.262% |  |
| 298    | 21.213 | 21.197 | 21.225 | VV | 16932  | 279769  | 4.54%  | 0.230% |  |
| 299    | 21.255 | 21.225 | 21.290 | VV | 16957  | 652880  | 10.58% | 0.536% |  |

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|                         |        |        |        |    |           |         |        |        |  |
|-------------------------|--------|--------|--------|----|-----------|---------|--------|--------|--|
|                         |        |        |        |    |           |         |        |        |  |
|                         |        |        |        |    |           |         |        |        |  |
| 300                     | 21.308 | 21.290 | 21.432 | VV | 17103     | 1370589 | 22.22% | 1.126% |  |
| 301                     | 21.441 | 21.432 | 21.461 | VV | 14579     | 244911  |        |        |  |
| 302                     | 21.479 | 21.461 | 21.493 | VV | 14421     | 272491  |        |        |  |
| 303                     | 21.505 | 21.493 | 21.512 | VV | 14573     | 162988  |        |        |  |
| 304                     | 21.522 | 21.512 | 21.545 | VV | 14538     | 273836  |        |        |  |
| 305                     | 21.556 | 21.545 | 21.563 | VV | 13372     | 150054  |        |        |  |
| 306                     | 21.581 | 21.563 | 21.605 | VV | 13991     | 331684  | 5.38%  | 0.273% |  |
| 307                     | 21.627 | 21.605 | 21.648 | VV | 12727     | 326012  | 5.29%  | 0.268% |  |
| 308                     | 21.674 | 21.648 | 21.731 | VV | 12632     | 600906  | 9.74%  | 0.494% |  |
| 309                     | 21.758 | 21.731 | 21.798 | VV | 11941     | 449469  | 7.29%  | 0.369% |  |
| 310                     | 21.806 | 21.798 | 21.845 | VV | 10777     | 285780  | 4.63%  | 0.235% |  |
| 311                     | 21.866 | 21.845 | 21.890 | VV | 9808      | 257859  | 4.18%  | 0.212% |  |
| 312                     | 21.900 | 21.890 | 21.923 | VV | 9196      | 178622  | 2.90%  | 0.147% |  |
| 313                     | 21.967 | 21.923 | 22.055 | VV | 9292      | 653899  | 10.60% | 0.537% |  |
| 314                     | 22.064 | 22.055 | 22.105 | VV | 6802      | 190175  | 3.08%  | 0.156% |  |
| 315                     | 22.115 | 22.105 | 22.149 | VV | 6060      | 155252  | 2.52%  | 0.128% |  |
| 316                     | 22.167 | 22.149 | 22.217 | VV | 5672      | 199347  | 3.23%  | 0.164% |  |
| 317                     | 22.230 | 22.217 | 22.317 | VV | 4492      | 193780  | 3.14%  | 0.159% |  |
| 318                     | 22.329 | 22.317 | 22.365 | VV | 1940      | 47374   | 0.77%  | 0.039% |  |
| 319                     | 22.377 | 22.365 | 22.424 | VV | 1502      | 25581   | 0.41%  | 0.021% |  |
| Sum of corrected areas: |        |        |        |    | 121701583 |         |        |        |  |

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Aliphatic EPH 051425.M Tue Jun 03 02:22:40 2025