

rteres

Instrument :

FID\_E

ClientSampleId :

2

## Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/21/2025

Supervised By :mohammad ahmed 08/22/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE08202  
Data File : FE055409.D  
Signal(s) : FID1B.ch  
Acq On : 20 Aug 2025 14:04  
Sample : Q2868-04  
Misc :  
ALS Vial : 20 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         | 2.834       | 2.804        | 2.904      | BV       | 2677           | 49316        | 0.04%          | 0.003%        |
| 2         | 2.918       | 2.904        | 2.950      | VV       | 189            | 2292         | 0.00%          | 0.000%        |
| 3         | 3.056       | 2.950        | 3.094      | PV       | 7477           | 111262       | 0.10%          | 0.007%        |
| 4         | 3.112       | 3.094        | 3.134      | VV       | 1054           | 15064        | 0.01%          | 0.001%        |
| 5         | 3.155       | 3.134        | 3.174      | VV       | 424            | 6928         | 0.01%          | 0.000%        |
| 6         | 3.184       | 3.174        | 3.221      | VV       | 223            | 4307         | 0.00%          | 0.000%        |
| 7         | 3.275       | 3.221        | 3.397      | VV       | 308            | 15237        | 0.01%          | 0.001%        |
| 8         | 3.417       | 3.397        | 3.518      | VV       | 461            | 12160        | 0.01%          | 0.001%        |
| 9         | 3.538       | 3.518        | 3.581      | PV       | 544            | 10597        | 0.01%          | 0.001%        |
| 10        | 3.594       | 3.581        | 3.645      | VV       | 474            | 11465        | 0.01%          | 0.001%        |
| 11        | 3.658       | 3.645        | 3.694      | VV       | 355            | 4955         | 0.00%          | 0.000%        |
| 12        | 3.708       | 3.694        | 3.719      | VV       | 262            | 2740         | 0.00%          | 0.000%        |
| 13        | 3.726       | 3.719        | 3.734      | VV       | 197            | 1706         | 0.00%          | 0.000%        |
| 14        | 3.773       | 3.734        | 3.801      | VV       | 796            | 14230        | 0.01%          | 0.001%        |
| 15        | 3.810       | 3.801        | 3.844      | VV       | 160            | 2558         | 0.00%          | 0.000%        |
| 16        | 3.875       | 3.844        | 3.977      | PV       | 2870           | 63117        | 0.05%          | 0.004%        |
| 17        | 4.001       | 3.977        | 4.072      | VV       | 5488           | 78761        | 0.07%          | 0.005%        |
| 18        | 4.110       | 4.072        | 4.154      | VV       | 527            | 14298        | 0.01%          | 0.001%        |
| 19        | 4.211       | 4.154        | 4.247      | VV       | 10255          | 119987       | 0.10%          | 0.007%        |
| 20        | 4.263       | 4.247        | 4.305      | VV       | 1771           | 32948        | 0.03%          | 0.002%        |
| 21        | 4.332       | 4.305        | 4.354      | VV       | 3229           | 38920        | 0.03%          | 0.002%        |
| 22        | 4.380       | 4.354        | 4.409      | VV       | 5484           | 87743        | 0.07%          | 0.005%        |
| 23        | 4.422       | 4.409        | 4.525      | VV       | 2802           | 60696        | 0.05%          | 0.004%        |
| 24        | 4.540       | 4.525        | 4.598      | VV       | 481            | 10810        | 0.01%          | 0.001%        |
| 25        | 4.631       | 4.598        | 4.654      | VV       | 270            | 6694         | 0.01%          | 0.000%        |
| 26        | 4.676       | 4.654        | 4.702      | VV       | 624            | 10142        | 0.01%          | 0.001%        |
| 27        | 4.721       | 4.702        | 4.737      | VV       | 433            | 6636         | 0.01%          | 0.000%        |
| 28        | 4.752       | 4.737        | 4.768      | VV       | 420            | 5480         | 0.00%          | 0.000%        |
| 29        | 4.787       | 4.768        | 4.821      | VV       | 454            | 7845         | 0.01%          | 0.000%        |
| 30        | 4.845       | 4.821        | 4.873      | VV       | 594            | 7793         | 0.01%          | 0.000%        |
| 31        | 4.912       | 4.873        | 5.018      | VV       | 14267          | 210012       | 0.18%          | 0.013%        |
| 32        | 5.056       | 5.018        | 5.109      | VV       | 4105           | 75066        | 0.06%          | 0.005%        |
| 33        | 5.132       | 5.109        | 5.146      | VV       | 884            | 16726        | 0.01%          | 0.001%        |
| 34        | 5.172       | 5.146        | 5.182      | VV       | 3190           | 47772        | 0.04%          | 0.003%        |
| 35        | 5.186       | 5.182        | 5.258      | VV       | 2974           | 74904        | 0.06%          | 0.005%        |
| 36        | 5.300       | 5.258        | 5.361      | VV       | 8784           | 159468       | 0.14%          | 0.010%        |

|    |       |       |       |    | retention |         |       |        |
|----|-------|-------|-------|----|-----------|---------|-------|--------|
| 37 | 5.381 | 5.361 | 5.408 | VV | 955       | 20090   | 0.02% | 0.001% |
| 38 | 5.440 | 5.408 | 5.458 | VV | 937       | 19874   | 0.02% | 0.001% |
| 39 | 5.475 | 5.458 | 5.484 | VV | 473       | 6954    | 0.01% | 0.001% |
| 40 | 5.499 | 5.484 | 5.514 | VV | 604       | 9762    | 0.01% | 0.001% |
| 41 | 5.529 | 5.514 | 5.546 | VV | 771       | 9887    | 0.01% | 0.001% |
| 42 | 5.568 | 5.546 | 5.577 | VV | 2064      | 22939   | 0.03% | 0.002% |
| 43 | 5.592 | 5.577 | 5.611 | VV | 2651      | 36547   | 0.03% | 0.002% |
| 44 | 5.626 | 5.611 | 5.679 | VV | 1674      | 33750   | 0.03% | 0.002% |
| 45 | 5.693 | 5.679 | 5.713 | VV | 728       | 9764    | 0.01% | 0.001% |
| 46 | 5.729 | 5.713 | 5.743 | VV | 938       | 11191   | 0.01% | 0.001% |
| 47 | 5.759 | 5.743 | 5.801 | VV | 1224      | 17605   | 0.02% | 0.001% |
| 48 | 5.820 | 5.801 | 5.836 | PV | 779       | 9223    | 0.01% | 0.001% |
| 49 | 5.873 | 5.836 | 5.909 | VV | 2093      | 37498   | 0.03% | 0.002% |
| 50 | 5.931 | 5.909 | 5.954 | VV | 902       | 10139   | 0.01% | 0.001% |
| 51 | 5.969 | 5.954 | 5.995 | PV | 270       | 3178    | 0.00% | 0.000% |
| 52 | 6.023 | 5.995 | 6.042 | VV | 605       | 7639    | 0.01% | 0.000% |
| 53 | 6.094 | 6.042 | 6.117 | VV | 8194      | 140798  | 0.12% | 0.009% |
| 54 | 6.135 | 6.117 | 6.200 | VV | 6922      | 137673  | 0.12% | 0.008% |
| 55 | 6.212 | 6.200 | 6.228 | VV | 1328      | 18350   | 0.02% | 0.001% |
| 56 | 6.238 | 6.228 | 6.261 | VV | 1436      | 24711   | 0.02% | 0.002% |
| 57 | 6.284 | 6.261 | 6.313 | VV | 26313     | 291502  | 0.25% | 0.018% |
| 58 | 6.332 | 6.313 | 6.346 | VV | 9199      | 116327  | 0.10% | 0.007% |
| 59 | 6.357 | 6.346 | 6.375 | VV | 7131      | 86502   | 0.07% | 0.005% |
| 60 | 6.398 | 6.375 | 6.429 | VV | 111930    | 1124685 | 0.96% | 0.069% |
| 61 | 6.450 | 6.429 | 6.490 | VV | 14141     | 202873  | 0.17% | 0.012% |
| 62 | 6.511 | 6.490 | 6.541 | VV | 4490      | 64926   | 0.06% | 0.004% |
| 63 | 6.553 | 6.541 | 6.574 | VV | 807       | 13568   | 0.01% | 0.001% |
| 64 | 6.589 | 6.574 | 6.602 | VV | 804       | 10274   | 0.01% | 0.001% |
| 65 | 6.622 | 6.602 | 6.651 | VV | 1945      | 36355   | 0.03% | 0.002% |
| 66 | 6.670 | 6.651 | 6.682 | VV | 3298      | 41214   | 0.04% | 0.003% |
| 67 | 6.688 | 6.682 | 6.727 | VV | 2216      | 32450   | 0.03% | 0.002% |
| 68 | 6.750 | 6.727 | 6.785 | VV | 3052      | 52955   | 0.05% | 0.003% |
| 69 | 6.801 | 6.785 | 6.831 | VV | 1604      | 26730   | 0.02% | 0.002% |
| 70 | 6.848 | 6.831 | 6.904 | VV | 10749     | 143201  | 0.12% | 0.009% |
| 71 | 6.926 | 6.904 | 6.950 | VV | 860       | 14656   | 0.01% | 0.001% |
| 72 | 6.965 | 6.950 | 6.975 | VV | 802       | 6984    | 0.01% | 0.000% |
| 73 | 6.987 | 6.975 | 6.999 | VV | 1084      | 10751   | 0.01% | 0.001% |
| 74 | 7.015 | 6.999 | 7.034 | VV | 1466      | 16748   | 0.01% | 0.001% |
| 75 | 7.055 | 7.034 | 7.128 | PV | 8536      | 115247  | 0.10% | 0.007% |
| 76 | 7.175 | 7.128 | 7.219 | VV | 20275     | 328555  | 0.28% | 0.020% |
| 77 | 7.241 | 7.219 | 7.264 | VV | 5034      | 83796   | 0.07% | 0.005% |
| 78 | 7.289 | 7.264 | 7.324 | VV | 6006      | 98346   | 0.08% | 0.006% |
| 79 | 7.348 | 7.324 | 7.359 | VV | 7031      | 91574   | 0.08% | 0.006% |
| 80 | 7.372 | 7.359 | 7.384 | VV | 6659      | 94862   | 0.08% | 0.006% |
| 81 | 7.407 | 7.384 | 7.425 | VV | 7394      | 169819  | 0.15% | 0.010% |
| 82 | 7.451 | 7.425 | 7.480 | VV | 10951     | 314953  | 0.27% | 0.019% |
| 83 | 7.499 | 7.480 | 7.528 | VV | 48029     | 525318  | 0.45% | 0.032% |
| 84 | 7.554 | 7.528 | 7.586 | VV | 21690     | 287608  | 0.25% | 0.018% |
| 85 | 7.601 | 7.586 | 7.617 | VV | 3327      | 46843   | 0.04% | 0.003% |
| 86 | 7.638 | 7.617 | 7.669 | VV | 30580     | 355384  | 0.30% | 0.022% |
| 87 | 7.678 | 7.669 | 7.695 | VV | 2692      | 30366   | 0.03% | 0.002% |
| 88 | 7.711 | 7.695 | 7.724 | VV | 3224      | 37111   | 0.03% | 0.002% |
| 89 | 7.737 | 7.724 | 7.749 | VV | 2733      | 30133   | 0.03% | 0.002% |

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|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
| 90  | 7.762  | 7.749  | 7.787  | VV | 2357   | 36016    | 0.03%  | 0.002% |
| 91  | 7.804  | 7.787  | 7.821  | VV | 1577   | 20669    |        |        |
| 92  | 7.838  | 7.821  | 7.847  | VV | 1828   | 19960    |        |        |
| 93  | 7.860  | 7.847  | 7.875  | VV | 2144   | 27919    |        |        |
| 94  | 7.888  | 7.875  | 7.920  | VV | 2514   | 41127    |        |        |
| 95  | 7.941  | 7.920  | 7.955  | VV | 8682   | 99710    |        |        |
| 96  | 7.986  | 7.955  | 8.047  | VV | 11117  | 219588   | 0.19%  | 0.013% |
| 97  | 8.061  | 8.047  | 8.077  | VV | 1688   | 18201    | 0.02%  | 0.001% |
| 98  | 8.098  | 8.077  | 8.127  | VV | 5749   | 74217    | 0.06%  | 0.005% |
| 99  | 8.145  | 8.127  | 8.174  | VV | 7617   | 78636    | 0.07%  | 0.005% |
| 100 | 8.191  | 8.174  | 8.208  | PV | 1343   | 14099    | 0.01%  | 0.001% |
| 101 | 8.241  | 8.208  | 8.261  | VV | 34543  | 395093   | 0.34%  | 0.024% |
| 102 | 8.283  | 8.261  | 8.311  | VV | 6513   | 138912   | 0.12%  | 0.008% |
| 103 | 8.345  | 8.311  | 8.363  | VV | 4668   | 73894    | 0.06%  | 0.005% |
| 104 | 8.403  | 8.363  | 8.416  | VV | 8546   | 168018   | 0.14%  | 0.010% |
| 105 | 8.427  | 8.416  | 8.455  | VV | 7886   | 132846   | 0.11%  | 0.008% |
| 106 | 8.516  | 8.455  | 8.553  | VV | 31765  | 743980   | 0.64%  | 0.045% |
| 107 | 8.573  | 8.553  | 8.595  | VV | 13034  | 154093   | 0.13%  | 0.009% |
| 108 | 8.622  | 8.595  | 8.637  | VV | 70785  | 771995   | 0.66%  | 0.047% |
| 109 | 8.650  | 8.637  | 8.664  | VV | 50152  | 515123   | 0.44%  | 0.031% |
| 110 | 8.678  | 8.664  | 8.721  | VV | 43721  | 588648   | 0.50%  | 0.036% |
| 111 | 8.742  | 8.721  | 8.760  | VV | 17629  | 212800   | 0.18%  | 0.013% |
| 112 | 8.816  | 8.760  | 8.883  | VV | 969825 | 12042819 | 10.29% | 0.734% |
| 113 | 8.901  | 8.883  | 8.936  | VV | 30623  | 380477   | 0.33%  | 0.023% |
| 114 | 8.945  | 8.936  | 8.964  | VV | 2542   | 29765    | 0.03%  | 0.002% |
| 115 | 9.012  | 8.964  | 9.036  | VV | 4687   | 92641    | 0.08%  | 0.006% |
| 116 | 9.059  | 9.036  | 9.087  | VV | 89293  | 889919   | 0.76%  | 0.054% |
| 117 | 9.110  | 9.087  | 9.130  | VV | 74674  | 739207   | 0.63%  | 0.045% |
| 118 | 9.153  | 9.130  | 9.176  | VV | 57417  | 671322   | 0.57%  | 0.041% |
| 119 | 9.184  | 9.176  | 9.203  | VV | 6447   | 67730    | 0.06%  | 0.004% |
| 120 | 9.226  | 9.203  | 9.238  | VV | 28134  | 300207   | 0.26%  | 0.018% |
| 121 | 9.254  | 9.238  | 9.292  | VV | 46660  | 605829   | 0.52%  | 0.037% |
| 122 | 9.328  | 9.292  | 9.337  | VV | 18363  | 269966   | 0.23%  | 0.016% |
| 123 | 9.352  | 9.337  | 9.364  | VV | 25212  | 312100   | 0.27%  | 0.019% |
| 124 | 9.389  | 9.364  | 9.451  | VV | 605513 | 6489611  | 5.54%  | 0.396% |
| 125 | 9.477  | 9.451  | 9.498  | VV | 13642  | 192747   | 0.16%  | 0.012% |
| 126 | 9.524  | 9.498  | 9.545  | VV | 55505  | 657063   | 0.56%  | 0.040% |
| 127 | 9.565  | 9.545  | 9.604  | VV | 79372  | 971145   | 0.83%  | 0.059% |
| 128 | 9.623  | 9.604  | 9.647  | VV | 19814  | 224632   | 0.19%  | 0.014% |
| 129 | 9.682  | 9.647  | 9.698  | VV | 79135  | 990230   | 0.85%  | 0.060% |
| 130 | 9.715  | 9.698  | 9.735  | VV | 86218  | 911301   | 0.78%  | 0.056% |
| 131 | 9.768  | 9.735  | 9.791  | VV | 123585 | 1567360  | 1.34%  | 0.096% |
| 132 | 9.821  | 9.791  | 9.843  | VV | 88797  | 1278892  | 1.09%  | 0.078% |
| 133 | 9.864  | 9.843  | 9.882  | VV | 100604 | 1139995  | 0.97%  | 0.069% |
| 134 | 9.908  | 9.882  | 9.957  | VV | 556233 | 6726693  | 5.75%  | 0.410% |
| 135 | 9.985  | 9.957  | 10.017 | VV | 96023  | 1582044  | 1.35%  | 0.096% |
| 136 | 10.053 | 10.017 | 10.072 | VV | 75678  | 1213429  | 1.04%  | 0.074% |
| 137 | 10.081 | 10.072 | 10.096 | VV | 31225  | 339314   | 0.29%  | 0.021% |
| 138 | 10.117 | 10.096 | 10.148 | VV | 48353  | 762141   | 0.65%  | 0.046% |
| 139 | 10.180 | 10.148 | 10.205 | VV | 86355  | 1456019  | 1.24%  | 0.089% |
| 140 | 10.230 | 10.205 | 10.256 | VV | 278239 | 3140008  | 2.68%  | 0.191% |
| 141 | 10.276 | 10.256 | 10.297 | VV | 37718  | 603228   | 0.52%  | 0.037% |

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|     |        |        |        |       |         |           |         |        |
|-----|--------|--------|--------|-------|---------|-----------|---------|--------|
|     |        |        |        |       |         |           |         |        |
|     |        |        |        | rters |         |           |         |        |
| 142 | 10.333 | 10.297 | 10.375 | VV    | 421038  | 5545705   | 4.74%   | 0.338% |
| 143 | 10.394 | 10.375 | 10.446 | VV    | 77130   | 1185016   |         |        |
| 144 | 10.491 | 10.446 | 10.552 | VV    | 28891   | 821687    |         |        |
| 145 | 10.603 | 10.552 | 10.631 | PV    | 10382   | 222002    |         |        |
|     |        |        |        |       |         |           |         |        |
| 146 | 10.654 | 10.631 | 10.684 | VV    | 43277   | 727924    |         |        |
| 147 | 10.700 | 10.684 | 10.726 | VV    | 21891   | 354382    |         |        |
| 148 | 10.764 | 10.726 | 10.776 | VV    | 77336   | 1343381   | 1.15%   | 0.082% |
| 149 | 10.795 | 10.776 | 10.819 | VV    | 147479  | 2207184   | 1.89%   | 0.135% |
| 150 | 10.837 | 10.819 | 10.872 | VV    | 91148   | 1376898   | 1.18%   | 0.084% |
|     |        |        |        |       |         |           |         |        |
| 151 | 10.913 | 10.872 | 10.946 | VV    | 107456  | 1960474   | 1.67%   | 0.120% |
| 152 | 10.992 | 10.946 | 11.029 | VV    | 1069953 | 16399996  | 14.01%  | 1.000% |
| 153 | 11.089 | 11.029 | 11.100 | VV    | 189113  | 2980161   | 2.55%   | 0.182% |
| 154 | 11.127 | 11.100 | 11.161 | VV    | 501850  | 8333107   | 7.12%   | 0.508% |
| 155 | 11.189 | 11.161 | 11.201 | VV    | 34180   | 617871    | 0.53%   | 0.038% |
|     |        |        |        |       |         |           |         |        |
| 156 | 11.228 | 11.201 | 11.268 | VV    | 90730   | 2293819   | 1.96%   | 0.140% |
| 157 | 11.375 | 11.268 | 11.397 | VV    | 5092988 | 117045105 | 100.00% | 7.135% |
| 158 | 11.433 | 11.397 | 11.472 | VV    | 2357401 | 30629404  | 26.17%  | 1.867% |
| 159 | 11.490 | 11.472 | 11.514 | VV    | 97385   | 1161512   | 0.99%   | 0.071% |
| 160 | 11.535 | 11.514 | 11.554 | VV    | 52004   | 712390    | 0.61%   | 0.043% |
|     |        |        |        |       |         |           |         |        |
| 161 | 11.579 | 11.554 | 11.596 | VV    | 189818  | 2236311   | 1.91%   | 0.136% |
| 162 | 11.627 | 11.596 | 11.666 | VV    | 994202  | 13042470  | 11.14%  | 0.795% |
| 163 | 11.695 | 11.666 | 11.706 | VV    | 31028   | 550456    | 0.47%   | 0.034% |
| 164 | 11.728 | 11.706 | 11.741 | VV    | 71907   | 1058919   | 0.90%   | 0.065% |
| 165 | 11.750 | 11.741 | 11.777 | VV    | 61332   | 791418    | 0.68%   | 0.048% |
|     |        |        |        |       |         |           |         |        |
| 166 | 11.852 | 11.777 | 11.881 | VV    | 339084  | 7558184   | 6.46%   | 0.461% |
| 167 | 11.928 | 11.881 | 11.960 | VV    | 121919  | 3669653   | 3.14%   | 0.224% |
| 168 | 11.982 | 11.960 | 12.002 | VV    | 115304  | 1770698   | 1.51%   | 0.108% |
| 169 | 12.031 | 12.002 | 12.070 | VV    | 209378  | 3586106   | 3.06%   | 0.219% |
| 170 | 12.098 | 12.070 | 12.116 | VV    | 664560  | 7935911   | 6.78%   | 0.484% |
|     |        |        |        |       |         |           |         |        |
| 171 | 12.142 | 12.116 | 12.157 | VV    | 715365  | 10034461  | 8.57%   | 0.612% |
| 172 | 12.177 | 12.157 | 12.204 | VV    | 1130653 | 12978898  | 11.09%  | 0.791% |
| 173 | 12.261 | 12.204 | 12.277 | VV    | 594696  | 12416703  | 10.61%  | 0.757% |
| 174 | 12.292 | 12.277 | 12.306 | VV    | 445872  | 5234319   | 4.47%   | 0.319% |
| 175 | 12.325 | 12.306 | 12.344 | VV    | 692846  | 8418271   | 7.19%   | 0.513% |
|     |        |        |        |       |         |           |         |        |
| 176 | 12.359 | 12.344 | 12.376 | VV    | 84350   | 1134161   | 0.97%   | 0.069% |
| 177 | 12.398 | 12.376 | 12.438 | VV    | 134978  | 2539711   | 2.17%   | 0.155% |
| 178 | 12.463 | 12.438 | 12.484 | VV    | 90909   | 1457305   | 1.25%   | 0.089% |
| 179 | 12.523 | 12.484 | 12.574 | VV    | 527824  | 8803787   | 7.52%   | 0.537% |
| 180 | 12.607 | 12.574 | 12.629 | VV    | 636025  | 7989135   | 6.83%   | 0.487% |
|     |        |        |        |       |         |           |         |        |
| 181 | 12.640 | 12.629 | 12.651 | VV    | 67831   | 790626    | 0.68%   | 0.048% |
| 182 | 12.668 | 12.651 | 12.685 | VV    | 93801   | 1473161   | 1.26%   | 0.090% |
| 183 | 12.699 | 12.685 | 12.729 | VV    | 85668   | 1402877   | 1.20%   | 0.086% |
| 184 | 12.752 | 12.729 | 12.772 | VV    | 74794   | 1265978   | 1.08%   | 0.077% |
| 185 | 12.788 | 12.772 | 12.804 | VV    | 43409   | 743258    | 0.64%   | 0.045% |
|     |        |        |        |       |         |           |         |        |
| 186 | 12.843 | 12.804 | 12.869 | VV    | 203633  | 4271447   | 3.65%   | 0.260% |
| 187 | 12.878 | 12.869 | 12.898 | VV    | 110173  | 1464539   | 1.25%   | 0.089% |
| 188 | 12.927 | 12.898 | 12.982 | VV    | 187750  | 4321975   | 3.69%   | 0.263% |
| 189 | 13.040 | 12.982 | 13.074 | VV    | 703921  | 14501633  | 12.39%  | 0.884% |
| 190 | 13.104 | 13.074 | 13.138 | VV    | 171572  | 5648477   | 4.83%   | 0.344% |
|     |        |        |        |       |         |           |         |        |
| 191 | 13.217 | 13.138 | 13.234 | VV    | 4238495 | 106862608 | 91.30%  | 6.515% |
| 192 | 13.246 | 13.234 | 13.268 | VV    | 119340  | 1614712   | 1.38%   | 0.098% |
| 193 | 13.321 | 13.268 | 13.342 | VV    | 1143834 | 15992874  | 13.66%  | 0.975% |
| 194 | 13.363 | 13.342 | 13.386 | VV    | 408299  | 5475856   | 4.68%   | 0.334% |

Instrument :

FID\_E

ClientSampleId :

2

4.74% 0.338%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/21/2025

Supervised By :mohammad ahmed 08/22/2025

|     |        |        |        |    |         |          |        |        |
|-----|--------|--------|--------|----|---------|----------|--------|--------|
|     |        |        |        |    | rters   |          |        |        |
| 195 | 13.415 | 13.386 | 13.443 | VV | 241766  | 5361590  | 4.58%  | 0.327% |
| 196 | 13.518 | 13.443 | 13.548 | VV | 3900282 | 91170954 |        |        |
| 197 | 13.565 | 13.548 | 13.592 | VV | 796433  | 9908761  |        |        |
| 198 | 13.644 | 13.592 | 13.658 | VV | 243710  | 4245583  |        |        |
| 199 | 13.677 | 13.658 | 13.708 | VV | 341313  | 4817974  |        |        |
| 200 | 13.737 | 13.708 | 13.760 | VV | 448879  | 5558971  |        |        |
| 201 | 13.814 | 13.760 | 13.837 | VV | 223923  | 4790198  | 4.09%  | 0.292% |
| 202 | 13.866 | 13.837 | 13.905 | VV | 257727  | 5408670  | 4.62%  | 0.330% |
| 203 | 13.932 | 13.905 | 13.980 | VV | 428292  | 7375143  | 6.30%  | 0.450% |
| 204 | 14.065 | 13.980 | 14.099 | VV | 563185  | 14409002 | 12.31% | 0.878% |
| 205 | 14.121 | 14.099 | 14.144 | VV | 138408  | 2498621  | 2.13%  | 0.152% |
| 206 | 14.168 | 14.144 | 14.188 | VV | 249357  | 3855799  | 3.29%  | 0.235% |
| 207 | 14.211 | 14.188 | 14.260 | VV | 450731  | 7152289  | 6.11%  | 0.436% |
| 208 | 14.301 | 14.260 | 14.324 | VV | 188082  | 5113175  | 4.37%  | 0.312% |
| 209 | 14.342 | 14.324 | 14.360 | VV | 334916  | 4607352  | 3.94%  | 0.281% |
| 210 | 14.380 | 14.360 | 14.415 | VV | 359450  | 5605503  | 4.79%  | 0.342% |
| 211 | 14.451 | 14.415 | 14.468 | VV | 129546  | 2562890  | 2.19%  | 0.156% |
| 212 | 14.479 | 14.468 | 14.508 | VV | 87431   | 1874270  | 1.60%  | 0.114% |
| 213 | 14.521 | 14.508 | 14.541 | VV | 69646   | 1213583  | 1.04%  | 0.074% |
| 214 | 14.557 | 14.541 | 14.569 | VV | 66412   | 939015   | 0.80%  | 0.057% |
| 215 | 14.584 | 14.569 | 14.597 | VV | 79047   | 1143529  | 0.98%  | 0.070% |
| 216 | 14.607 | 14.597 | 14.620 | VV | 71403   | 915550   | 0.78%  | 0.056% |
| 217 | 14.638 | 14.620 | 14.662 | VV | 96949   | 1541184  | 1.32%  | 0.094% |
| 218 | 14.696 | 14.662 | 14.706 | VV | 25589   | 506583   | 0.43%  | 0.031% |
| 219 | 14.764 | 14.706 | 14.776 | VV | 98609   | 2747113  | 2.35%  | 0.167% |
| 220 | 14.811 | 14.776 | 14.877 | VV | 598560  | 11467921 | 9.80%  | 0.699% |
| 221 | 14.898 | 14.877 | 14.947 | VV | 94830   | 2334230  | 1.99%  | 0.142% |
| 222 | 14.981 | 14.947 | 15.003 | VV | 545309  | 8495868  | 7.26%  | 0.518% |
| 223 | 15.047 | 15.003 | 15.071 | VV | 668529  | 14119201 | 12.06% | 0.861% |
| 224 | 15.088 | 15.071 | 15.100 | VV | 343443  | 4700420  | 4.02%  | 0.287% |
| 225 | 15.130 | 15.100 | 15.154 | VV | 590277  | 10958786 | 9.36%  | 0.668% |
| 226 | 15.229 | 15.154 | 15.288 | VV | 183047  | 7275183  | 6.22%  | 0.444% |
| 227 | 15.320 | 15.288 | 15.334 | VV | 408375  | 6915788  | 5.91%  | 0.422% |
| 228 | 15.388 | 15.334 | 15.406 | VV | 2016149 | 45545353 | 38.91% | 2.777% |
| 229 | 15.437 | 15.406 | 15.481 | VV | 2096071 | 36318703 | 31.03% | 2.214% |
| 230 | 15.541 | 15.481 | 15.569 | VV | 944949  | 16400313 | 14.01% | 1.000% |
| 231 | 15.607 | 15.569 | 15.639 | VV | 289324  | 5771613  | 4.93%  | 0.352% |
| 232 | 15.668 | 15.639 | 15.688 | VV | 378607  | 5661460  | 4.84%  | 0.345% |
| 233 | 15.709 | 15.688 | 15.746 | VV | 287939  | 5891394  | 5.03%  | 0.359% |
| 234 | 15.772 | 15.746 | 15.783 | VV | 139835  | 2652369  | 2.27%  | 0.162% |
| 235 | 15.809 | 15.783 | 15.833 | VV | 199617  | 4528794  | 3.87%  | 0.276% |
| 236 | 15.850 | 15.833 | 15.877 | VV | 152600  | 2677310  | 2.29%  | 0.163% |
| 237 | 15.903 | 15.877 | 15.924 | VV | 130866  | 2332416  | 1.99%  | 0.142% |
| 238 | 15.944 | 15.924 | 15.960 | VV | 89692   | 1509906  | 1.29%  | 0.092% |
| 239 | 15.989 | 15.960 | 16.002 | VV | 165630  | 3001853  | 2.56%  | 0.183% |
| 240 | 16.038 | 16.002 | 16.058 | VV | 559554  | 9752642  | 8.33%  | 0.595% |
| 241 | 16.075 | 16.058 | 16.111 | VV | 282160  | 5106931  | 4.36%  | 0.311% |
| 242 | 16.139 | 16.111 | 16.154 | VV | 115650  | 2679327  | 2.29%  | 0.163% |
| 243 | 16.184 | 16.154 | 16.230 | VV | 352064  | 9562889  | 8.17%  | 0.583% |
| 244 | 16.267 | 16.230 | 16.293 | VV | 179719  | 4267994  | 3.65%  | 0.260% |
| 245 | 16.307 | 16.293 | 16.328 | VV | 70550   | 1322134  | 1.13%  | 0.081% |
| 246 | 16.351 | 16.328 | 16.378 | VV | 154969  | 2648509  | 2.26%  | 0.161% |

Instrument :

FID\_E

ClientSampleId :

2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/21/2025

Supervised By :mohammad ahmed 08/22/2025

|     |        |        |        |        |         |          |        |        |
|-----|--------|--------|--------|--------|---------|----------|--------|--------|
|     |        |        |        |        |         |          |        |        |
|     |        |        |        | rteres |         |          |        |        |
| 247 | 16.421 | 16.378 | 16.436 | VV     | 177892  | 3862388  | 3.30%  | 0.235% |
| 248 | 16.444 | 16.436 | 16.484 | VV     | 165707  | 3675646  |        |        |
| 249 | 16.506 | 16.484 | 16.544 | VV     | 103842  | 2672754  |        |        |
| 250 | 16.585 | 16.544 | 16.605 | VV     | 82940   | 2553143  |        |        |
|     |        |        |        |        |         |          |        |        |
| 251 | 16.627 | 16.605 | 16.649 | VV     | 100735  | 2098346  |        |        |
| 252 | 16.728 | 16.649 | 16.759 | VV     | 193897  | 9260899  |        |        |
| 253 | 16.831 | 16.759 | 16.885 | VV     | 166306  | 8097747  | 6.92%  | 0.494% |
| 254 | 16.977 | 16.885 | 17.033 | VV     | 1942492 | 69811160 | 59.64% | 4.256% |
| 255 | 17.083 | 17.033 | 17.126 | VV     | 720585  | 15147126 | 12.94% | 0.923% |
|     |        |        |        |        |         |          |        |        |
| 256 | 17.152 | 17.126 | 17.165 | VV     | 100172  | 2268920  | 1.94%  | 0.138% |
| 257 | 17.222 | 17.165 | 17.241 | VV     | 310399  | 9286114  | 7.93%  | 0.566% |
| 258 | 17.292 | 17.241 | 17.321 | VV     | 1083429 | 31886561 | 27.24% | 1.944% |
| 259 | 17.366 | 17.321 | 17.404 | VV     | 1966910 | 41103199 | 35.12% | 2.506% |
| 260 | 17.445 | 17.404 | 17.461 | VV     | 846835  | 13117782 | 11.21% | 0.800% |
|     |        |        |        |        |         |          |        |        |
| 261 | 17.475 | 17.461 | 17.513 | VV     | 260127  | 5101902  | 4.36%  | 0.311% |
| 262 | 17.568 | 17.513 | 17.604 | VV     | 225374  | 8877639  | 7.58%  | 0.541% |
| 263 | 17.624 | 17.604 | 17.643 | VV     | 138160  | 2451668  | 2.09%  | 0.149% |
| 264 | 17.702 | 17.643 | 17.760 | VV     | 255336  | 10478972 | 8.95%  | 0.639% |
| 265 | 17.822 | 17.760 | 17.880 | VV     | 214556  | 9977416  | 8.52%  | 0.608% |
|     |        |        |        |        |         |          |        |        |
| 266 | 17.907 | 17.880 | 17.923 | VV     | 183045  | 3533718  | 3.02%  | 0.215% |
| 267 | 17.935 | 17.923 | 17.958 | VV     | 152862  | 2486902  | 2.12%  | 0.152% |
| 268 | 17.987 | 17.958 | 18.055 | VV     | 227854  | 7678408  | 6.56%  | 0.468% |
| 269 | 18.073 | 18.055 | 18.089 | VV     | 109654  | 1865564  | 1.59%  | 0.114% |
| 270 | 18.109 | 18.089 | 18.144 | VV     | 128789  | 3255593  | 2.78%  | 0.198% |
|     |        |        |        |        |         |          |        |        |
| 271 | 18.162 | 18.144 | 18.193 | VV     | 68377   | 1818207  | 1.55%  | 0.111% |
| 272 | 18.263 | 18.193 | 18.289 | VV     | 145596  | 5506235  | 4.70%  | 0.336% |
| 273 | 18.311 | 18.289 | 18.345 | VV     | 205374  | 4547650  | 3.89%  | 0.277% |
| 274 | 18.404 | 18.345 | 18.429 | VV     | 226058  | 7033848  | 6.01%  | 0.429% |
| 275 | 18.495 | 18.429 | 18.572 | VV     | 325582  | 17655977 | 15.08% | 1.076% |
|     |        |        |        |        |         |          |        |        |
| 276 | 18.616 | 18.572 | 18.666 | VV     | 555953  | 16365905 | 13.98% | 0.998% |
| 277 | 18.746 | 18.666 | 18.778 | VV     | 1287156 | 40855942 | 34.91% | 2.491% |
| 278 | 18.789 | 18.778 | 18.814 | VV     | 319732  | 5415757  | 4.63%  | 0.330% |
| 279 | 18.847 | 18.814 | 18.862 | VV     | 521991  | 9905192  | 8.46%  | 0.604% |
| 280 | 18.879 | 18.862 | 18.907 | VV     | 514862  | 10794506 | 9.22%  | 0.658% |
|     |        |        |        |        |         |          |        |        |
| 281 | 18.920 | 18.907 | 18.944 | VV     | 293374  | 5369854  | 4.59%  | 0.327% |
| 282 | 19.009 | 18.944 | 19.040 | VV     | 1205382 | 33102067 | 28.28% | 2.018% |
| 283 | 19.062 | 19.040 | 19.091 | VV     | 286236  | 7701635  | 6.58%  | 0.470% |
| 284 | 19.122 | 19.091 | 19.161 | VV     | 550821  | 12509374 | 10.69% | 0.763% |
| 285 | 19.194 | 19.161 | 19.234 | VV     | 169569  | 5764172  | 4.92%  | 0.351% |
|     |        |        |        |        |         |          |        |        |
| 286 | 19.242 | 19.234 | 19.254 | VV     | 116147  | 1370987  | 1.17%  | 0.084% |
| 287 | 19.275 | 19.254 | 19.316 | VV     | 167467  | 5033866  | 4.30%  | 0.307% |
| 288 | 19.338 | 19.316 | 19.361 | VV     | 152802  | 3471085  | 2.97%  | 0.212% |
| 289 | 19.390 | 19.361 | 19.423 | VV     | 200596  | 5749528  | 4.91%  | 0.351% |
| 290 | 19.445 | 19.423 | 19.457 | VV     | 155106  | 2867684  | 2.45%  | 0.175% |
|     |        |        |        |        |         |          |        |        |
| 291 | 19.480 | 19.457 | 19.501 | VV     | 200129  | 4033358  | 3.45%  | 0.246% |
| 292 | 19.518 | 19.501 | 19.526 | VV     | 142510  | 1990171  | 1.70%  | 0.121% |
| 293 | 19.537 | 19.526 | 19.560 | VV     | 143901  | 2738113  | 2.34%  | 0.167% |
| 294 | 19.577 | 19.560 | 19.613 | VV     | 144779  | 3893229  | 3.33%  | 0.237% |
| 295 | 19.650 | 19.613 | 19.728 | VV     | 201224  | 9054082  | 7.74%  | 0.552% |
|     |        |        |        |        |         |          |        |        |
| 296 | 19.810 | 19.728 | 19.861 | VV     | 125332  | 8515417  | 7.28%  | 0.519% |
| 297 | 19.878 | 19.861 | 19.908 | VV     | 116129  | 3131577  | 2.68%  | 0.191% |
| 298 | 19.917 | 19.908 | 19.927 | VV     | 114405  | 1301842  | 1.11%  | 0.079% |
| 299 | 19.970 | 19.927 | 20.021 | VV     | 142089  | 6667365  | 5.70%  | 0.406% |

Instrument :

FID\_E

ClientSampleId :

2

3.30% 0.235%

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/21/2025

Supervised By :mohammad ahmed 08/22/2025

|                         |        |        |        |    |        |          | Instrument : FID_E | ClientSampleId : 2 |
|-------------------------|--------|--------|--------|----|--------|----------|--------------------|--------------------|
| 300                     | 20.137 | 20.021 | 20.167 | VV | 468833 | 20765377 | 17.74%             | 1.266%             |
| 301                     | 20.205 | 20.167 | 20.236 | VV | 629309 | 16689168 | 14.60%             | 0.744%             |
| 302                     | 20.261 | 20.236 | 20.282 | VV | 335218 | 7664653  | 6.22%              | 0.319%             |
| 303                     | 20.296 | 20.282 | 20.318 | VV | 283723 | 5215776  | 4.37%              | 0.219%             |
| 304                     | 20.331 | 20.318 | 20.359 | VV | 209858 | 4161756  | 3.34%              | 0.166%             |
| 305                     | 20.411 | 20.359 | 20.447 | VV | 224744 | 8056520  | 6.22%              | 0.311%             |
| 306                     | 20.529 | 20.447 | 20.556 | VV | 698577 | 20603867 | 17.60%             | 1.256%             |
| 307                     | 20.586 | 20.556 | 20.636 | VV | 346935 | 12209197 | 10.43%             | 0.744%             |
| 308                     | 20.663 | 20.636 | 20.694 | VV | 268624 | 6573316  | 5.62%              | 0.401%             |
| 309                     | 20.704 | 20.694 | 20.724 | VV | 146595 | 2567230  | 2.19%              | 0.157%             |
| 310                     | 20.788 | 20.724 | 20.825 | VV | 141801 | 7716157  | 6.59%              | 0.470%             |
| 311                     | 20.849 | 20.825 | 20.911 | VV | 114392 | 5222040  | 4.46%              | 0.318%             |
| 312                     | 20.930 | 20.911 | 20.956 | VV | 94773  | 2352885  | 2.01%              | 0.143%             |
| 313                     | 20.984 | 20.956 | 21.059 | VV | 97502  | 5232442  | 4.47%              | 0.319%             |
| 314                     | 21.077 | 21.059 | 21.151 | VV | 80236  | 3905886  | 3.34%              | 0.238%             |
| 315                     | 21.187 | 21.151 | 21.259 | VV | 80714  | 4232439  | 3.62%              | 0.258%             |
| 316                     | 21.275 | 21.259 | 21.314 | VV | 56144  | 1701872  | 1.45%              | 0.104%             |
| 317                     | 21.347 | 21.314 | 21.384 | VV | 58598  | 2292953  | 1.96%              | 0.140%             |
| 318                     | 21.392 | 21.384 | 21.504 | VV | 52874  | 3096810  | 2.65%              | 0.189%             |
| 319                     | 21.578 | 21.504 | 21.636 | VV | 82804  | 4504700  | 3.85%              | 0.275%             |
| 320                     | 21.668 | 21.636 | 21.710 | VV | 58700  | 1932443  | 1.65%              | 0.118%             |
| 321                     | 21.790 | 21.710 | 21.834 | VV | 61452  | 3080765  | 2.63%              | 0.188%             |
| 322                     | 21.887 | 21.834 | 21.922 | VV | 66485  | 2589805  | 2.21%              | 0.158%             |
| 323                     | 22.008 | 21.922 | 22.057 | VV | 117437 | 6316380  | 5.40%              | 0.385%             |
| 324                     | 22.071 | 22.057 | 22.141 | VV | 55656  | 1667041  | 1.42%              | 0.102%             |
| 325                     | 22.177 | 22.141 | 22.201 | VV | 26867  | 748390   | 0.64%              | 0.046%             |
| 326                     | 22.222 | 22.201 | 22.276 | VV | 34903  | 831840   | 0.71%              | 0.051%             |
| 327                     | 22.324 | 22.276 | 22.368 | PV | 61710  | 1413388  | 1.21%              | 0.086%             |
| Sum of corrected areas: |        |        |        |    |        |          | 1640321014         |                    |

Aliphatic EPH 080125.M Thu Aug 21 02:23:51 2025