

Instrument :

FID\_E

ClientSampleId :

281-E2DL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

rteres

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE05162  
Data File : FE053869.D  
Signal(s) : FID1B.ch  
Acq On : 16 May 2025 10:11  
Sample : Q2043-02DL 5X  
Misc :  
ALS Vial : 13 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         | 3.480       | 3.431        | 3.528      | VV       | 2665           | 42784        | 2.37%          | 0.056%        |
| 2         | 3.551       | 3.528        | 3.634      | VV       | 26293          | 272804       | 15.12%         | 0.354%        |
| 3         | 3.704       | 3.634        | 3.741      | VV       | 1452           | 22369        | 1.24%          | 0.029%        |
| 4         | 3.757       | 3.741        | 3.871      | VV       | 485            | 12181        | 0.68%          | 0.016%        |
| 5         | 3.908       | 3.895        | 3.938      | PV       | 72             | 1565         | 0.09%          | 0.002%        |
| 6         | 4.006       | 3.938        | 4.018      | VV       | 4751           | 53483        | 2.96%          | 0.069%        |
| 7         | 4.038       | 4.018        | 4.171      | VV       | 31114          | 336577       | 18.66%         | 0.437%        |
| 8         | 4.249       | 4.238        | 4.291      | VV       | 207            | 4440         | 0.25%          | 0.006%        |
| 9         | 4.301       | 4.291        | 4.311      | VV       | 130            | 1150         | 0.06%          | 0.001%        |
| 10        | 4.387       | 4.311        | 4.451      | VV       | 214            | 8257         | 0.46%          | 0.011%        |
| 11        | 4.462       | 4.451        | 4.487      | VV       | 141            | 1892         | 0.10%          | 0.002%        |
| 12        | 4.538       | 4.487        | 4.561      | VV       | 784            | 14117        | 0.78%          | 0.018%        |
| 13        | 4.569       | 4.561        | 4.604      | VV       | 371            | 6781         | 0.38%          | 0.009%        |
| 14        | 4.638       | 4.604        | 4.663      | VV       | 972            | 16588        | 0.92%          | 0.022%        |
| 15        | 4.679       | 4.663        | 4.761      | VV       | 901            | 17900        | 0.99%          | 0.023%        |
| 16        | 5.016       | 4.994        | 5.082      | VV       | 1139           | 19436        | 1.08%          | 0.025%        |
| 17        | 5.349       | 5.328        | 5.367      | PV       | 198            | 2945         | 0.16%          | 0.004%        |
| 18        | 5.376       | 5.367        | 5.387      | VV       | 180            | 1499         | 0.08%          | 0.002%        |
| 19        | 5.408       | 5.387        | 5.430      | VV       | 2385           | 25685        | 1.42%          | 0.033%        |
| 20        | 5.447       | 5.430        | 5.511      | VV       | 748            | 11306        | 0.63%          | 0.015%        |
| 21        | 5.535       | 5.511        | 5.591      | VV       | 313            | 4800         | 0.27%          | 0.006%        |
| 22        | 5.623       | 5.591        | 5.699      | PV       | 1389           | 26869        | 1.49%          | 0.035%        |
| 23        | 5.709       | 5.699        | 5.738      | PV       | 65             | 530          | 0.03%          | 0.001%        |
| 24        | 5.742       | 5.738        | 5.751      | VV       | 68             | 244          | 0.01%          | 0.000%        |
| 25        | 5.795       | 5.751        | 5.840      | PV       | 6898           | 84023        | 4.66%          | 0.109%        |
| 26        | 5.862       | 5.840        | 5.920      | VV       | 4284           | 51198        | 2.84%          | 0.066%        |
| 27        | 5.961       | 5.920        | 6.043      | VV       | 1923           | 32468        | 1.80%          | 0.042%        |
| 28        | 6.078       | 6.043        | 6.153      | VV       | 942            | 16648        | 0.92%          | 0.022%        |
| 29        | 6.168       | 6.153        | 6.184      | VV       | 189            | 2225         | 0.12%          | 0.003%        |
| 30        | 6.215       | 6.184        | 6.235      | VV       | 697            | 11367        | 0.63%          | 0.015%        |
| 31        | 6.246       | 6.235        | 6.268      | VV       | 410            | 6103         | 0.34%          | 0.008%        |
| 32        | 6.286       | 6.268        | 6.310      | VV       | 2301           | 26572        | 1.47%          | 0.034%        |
| 33        | 6.329       | 6.310        | 6.361      | VV       | 1381           | 20488        | 1.14%          | 0.027%        |
| 34        | 6.389       | 6.361        | 6.458      | VV       | 5012           | 82980        | 4.60%          | 0.108%        |
| 35        | 6.469       | 6.458        | 6.497      | VV       | 336            | 6189         | 0.34%          | 0.008%        |
| 36        | 6.535       | 6.497        | 6.551      | VV       | 349            | 8035         | 0.45%          | 0.010%        |

|    |       |       |       |    | retention |        |        |        |
|----|-------|-------|-------|----|-----------|--------|--------|--------|
| 37 | 6.566 | 6.551 | 6.579 | VV | 356       | 5033   | 0.28%  | 0.007% |
| 38 | 6.597 | 6.579 | 6.626 | VV | 551       | 11401  |        |        |
| 39 | 6.650 | 6.626 | 6.701 | VV | 301       | 10449  |        |        |
| 40 | 6.730 | 6.701 | 6.751 | VV | 335       | 7076   |        |        |
| 41 | 6.805 | 6.751 | 6.854 | VV | 490       | 19535  |        |        |
| 42 | 6.878 | 6.854 | 6.891 | VV | 329       | 5560   |        |        |
| 43 | 6.901 | 6.891 | 6.911 | VV | 277       | 3002   | 0.17%  | 0.004% |
| 44 | 6.926 | 6.911 | 6.952 | VV | 442       | 7773   | 0.43%  | 0.010% |
| 45 | 6.968 | 6.952 | 7.003 | VV | 340       | 9869   | 0.55%  | 0.013% |
| 46 | 7.049 | 7.003 | 7.076 | VV | 496       | 15463  | 0.86%  | 0.020% |
| 47 | 7.101 | 7.076 | 7.119 | VV | 442       | 9949   | 0.55%  | 0.013% |
| 48 | 7.139 | 7.119 | 7.151 | VV | 457       | 7340   | 0.41%  | 0.010% |
| 49 | 7.174 | 7.151 | 7.190 | VV | 563       | 11143  | 0.62%  | 0.014% |
| 50 | 7.210 | 7.190 | 7.228 | VV | 568       | 10917  | 0.61%  | 0.014% |
| 51 | 7.238 | 7.228 | 7.244 | VV | 440       | 4059   | 0.23%  | 0.005% |
| 52 | 7.274 | 7.244 | 7.291 | VV | 818       | 17439  | 0.97%  | 0.023% |
| 53 | 7.304 | 7.291 | 7.323 | VV | 669       | 11529  | 0.64%  | 0.015% |
| 54 | 7.359 | 7.323 | 7.401 | VV | 908       | 33508  | 1.86%  | 0.043% |
| 55 | 7.424 | 7.401 | 7.448 | VV | 768       | 18925  | 1.05%  | 0.025% |
| 56 | 7.459 | 7.448 | 7.477 | VV | 748       | 12432  | 0.69%  | 0.016% |
| 57 | 7.490 | 7.477 | 7.510 | VV | 712       | 12857  | 0.71%  | 0.017% |
| 58 | 7.567 | 7.510 | 7.581 | VV | 1247      | 35677  | 1.98%  | 0.046% |
| 59 | 7.590 | 7.581 | 7.614 | VV | 1009      | 17369  | 0.96%  | 0.023% |
| 60 | 7.624 | 7.614 | 7.649 | VV | 860       | 16154  | 0.90%  | 0.021% |
| 61 | 7.653 | 7.649 | 7.694 | VV | 791       | 17950  | 1.00%  | 0.023% |
| 62 | 7.766 | 7.694 | 7.799 | VV | 1197      | 52664  | 2.92%  | 0.068% |
| 63 | 7.813 | 7.799 | 7.831 | VV | 814       | 15082  | 0.84%  | 0.020% |
| 64 | 8.008 | 7.988 | 8.088 | VV | 4681      | 176421 | 9.78%  | 0.229% |
| 65 | 8.099 | 8.088 | 8.131 | VV | 1958      | 48352  | 2.68%  | 0.063% |
| 66 | 8.162 | 8.131 | 8.173 | VV | 2140      | 50498  | 2.80%  | 0.066% |
| 67 | 8.199 | 8.173 | 8.242 | VV | 2761      | 89746  | 4.97%  | 0.116% |
| 68 | 8.268 | 8.242 | 8.276 | VV | 2014      | 37139  | 2.06%  | 0.048% |
| 69 | 8.295 | 8.276 | 8.311 | VV | 2292      | 44916  | 2.49%  | 0.058% |
| 70 | 8.346 | 8.311 | 8.374 | VV | 4488      | 107814 | 5.98%  | 0.140% |
| 71 | 8.410 | 8.374 | 8.431 | VV | 4977      | 105918 | 5.87%  | 0.137% |
| 72 | 8.467 | 8.431 | 8.496 | VV | 34637     | 443248 | 24.57% | 0.575% |
| 73 | 8.521 | 8.496 | 8.540 | VV | 3419      | 77947  | 4.32%  | 0.101% |
| 74 | 8.558 | 8.540 | 8.571 | VV | 4421      | 67040  | 3.72%  | 0.087% |
| 75 | 8.581 | 8.571 | 8.605 | VV | 3877      | 70324  | 3.90%  | 0.091% |
| 76 | 8.627 | 8.605 | 8.648 | VV | 4967      | 94052  | 5.21%  | 0.122% |
| 77 | 8.669 | 8.648 | 8.708 | VV | 3723      | 115211 | 6.39%  | 0.149% |
| 78 | 8.722 | 8.708 | 8.740 | VV | 2905      | 52937  | 2.93%  | 0.069% |
| 79 | 8.925 | 8.903 | 8.949 | VV | 7381      | 163772 | 9.08%  | 0.212% |
| 80 | 8.961 | 8.949 | 8.975 | VV | 5251      | 78781  | 4.37%  | 0.102% |
| 81 | 8.991 | 8.975 | 9.005 | VV | 6308      | 101528 | 5.63%  | 0.132% |
| 82 | 9.018 | 9.005 | 9.046 | VV | 5714      | 127373 | 7.06%  | 0.165% |
| 83 | 9.058 | 9.046 | 9.076 | VV | 4982      | 84359  | 4.68%  | 0.109% |
| 84 | 9.092 | 9.076 | 9.109 | VV | 4899      | 90680  | 5.03%  | 0.118% |
| 85 | 9.126 | 9.109 | 9.141 | VV | 4858      | 87487  | 4.85%  | 0.114% |
| 86 | 9.162 | 9.141 | 9.178 | VV | 4708      | 98264  | 5.45%  | 0.127% |
| 87 | 9.218 | 9.178 | 9.251 | VV | 7050      | 235041 | 13.03% | 0.305% |
| 88 | 9.267 | 9.251 | 9.294 | VV | 5056      | 124324 | 6.89%  | 0.161% |
| 89 | 9.341 | 9.294 | 9.357 | VV | 5483      | 187600 | 10.40% | 0.243% |

Instrument :

FID\_E

ClientSampleId :

281-E2DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

|     |        |        |        |    |       |         |        |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
| 90  | 9.369  | 9.357  | 9.374  | VV | 5266  | 54402   | 3.02%  | 0.071% |
| 91  | 9.389  | 9.374  | 9.413  | VV | 5446  | 117503  |        |        |
| 92  | 9.456  | 9.413  | 9.481  | VV | 5532  | 201866  | 11.61% | 0.365% |
| 93  | 9.506  | 9.481  | 9.520  | VV | 6065  | 127459  | 7.71%  | 0.257% |
| 94  | 9.535  | 9.520  | 9.559  | VV | 6029  | 132754  | 7.71%  | 0.326% |
| 95  | 9.608  | 9.559  | 9.627  | VV | 7252  | 261091  | 14.24% | 0.529% |
| 96  | 9.688  | 9.627  | 9.724  | VV | 9629  | 404729  | 22.44% | 0.525% |
| 97  | 9.758  | 9.724  | 9.788  | VV | 8412  | 281549  | 15.61% | 0.365% |
| 98  | 9.805  | 9.788  | 9.834  | VV | 7720  | 201934  | 11.19% | 0.262% |
| 99  | 9.862  | 9.834  | 9.886  | VV | 7635  | 226762  | 12.57% | 0.294% |
| 100 | 9.916  | 9.886  | 9.950  | VV | 8310  | 295124  | 16.36% | 0.383% |
| 101 | 9.993  | 9.950  | 10.011 | VV | 9610  | 318402  | 17.65% | 0.413% |
| 102 | 10.044 | 10.011 | 10.071 | VV | 9504  | 326077  | 18.08% | 0.423% |
| 103 | 10.090 | 10.071 | 10.107 | VV | 9694  | 197872  | 10.97% | 0.257% |
| 104 | 10.128 | 10.107 | 10.151 | VV | 10057 | 251617  | 13.95% | 0.326% |
| 105 | 10.184 | 10.151 | 10.223 | VV | 10152 | 407473  | 22.59% | 0.529% |
| 106 | 10.260 | 10.223 | 10.291 | VV | 10853 | 401109  | 22.24% | 0.520% |
| 107 | 10.321 | 10.291 | 10.343 | VV | 11040 | 324190  | 17.97% | 0.421% |
| 108 | 10.363 | 10.343 | 10.380 | VV | 10956 | 240711  | 13.34% | 0.312% |
| 109 | 10.398 | 10.380 | 10.414 | VV | 11353 | 225275  | 12.49% | 0.292% |
| 110 | 10.477 | 10.457 | 10.501 | VV | 18187 | 403231  | 22.35% | 0.523% |
| 111 | 10.559 | 10.501 | 10.591 | VV | 14277 | 719949  | 39.91% | 0.934% |
| 112 | 10.623 | 10.591 | 10.647 | VV | 14899 | 470301  | 26.07% | 0.610% |
| 113 | 10.677 | 10.647 | 10.698 | VV | 13941 | 411051  | 22.79% | 0.533% |
| 114 | 10.758 | 10.698 | 10.778 | VV | 15867 | 721958  | 40.02% | 0.937% |
| 115 | 10.946 | 10.928 | 10.981 | VV | 19008 | 579891  | 32.15% | 0.752% |
| 116 | 10.987 | 10.981 | 11.003 | VV | 17267 | 223668  | 12.40% | 0.290% |
| 117 | 11.026 | 11.003 | 11.041 | VV | 18808 | 411871  | 22.83% | 0.534% |
| 118 | 11.061 | 11.041 | 11.074 | VV | 19320 | 369305  | 20.47% | 0.479% |
| 119 | 11.097 | 11.074 | 11.128 | VV | 23258 | 693386  | 38.44% | 0.900% |
| 120 | 11.175 | 11.128 | 11.189 | VV | 21396 | 747833  | 41.46% | 0.970% |
| 121 | 11.229 | 11.189 | 11.271 | VV | 23180 | 1067461 | 59.17% | 1.385% |
| 122 | 11.311 | 11.271 | 11.348 | VV | 23439 | 1023084 | 56.71% | 1.327% |
| 123 | 11.362 | 11.348 | 11.374 | VV | 23173 | 359785  | 19.94% | 0.467% |
| 124 | 11.459 | 11.442 | 11.474 | VV | 24205 | 462158  | 25.62% | 0.600% |
| 125 | 11.495 | 11.474 | 11.521 | VV | 24667 | 679265  | 37.65% | 0.881% |
| 126 | 11.533 | 11.521 | 11.552 | VV | 24831 | 449561  | 24.92% | 0.583% |
| 127 | 11.688 | 11.670 | 11.710 | VV | 25366 | 579294  | 32.11% | 0.752% |
| 128 | 11.733 | 11.710 | 11.750 | VV | 25413 | 600664  | 33.30% | 0.779% |
| 129 | 11.782 | 11.750 | 11.795 | VV | 26362 | 679441  | 37.66% | 0.882% |
| 130 | 11.902 | 11.882 | 11.917 | VV | 28786 | 576234  | 31.94% | 0.748% |
| 131 | 11.940 | 11.917 | 11.961 | VV | 29526 | 742915  | 41.18% | 0.964% |
| 132 | 12.084 | 12.068 | 12.097 | VV | 29068 | 499925  | 27.71% | 0.649% |
| 133 | 12.114 | 12.097 | 12.131 | VV | 30258 | 599139  | 33.21% | 0.777% |
| 134 | 12.144 | 12.131 | 12.159 | VV | 29337 | 472639  | 26.20% | 0.613% |
| 135 | 12.263 | 12.243 | 12.285 | VV | 27991 | 698186  | 38.70% | 0.906% |
| 136 | 12.404 | 12.383 | 12.442 | VV | 28547 | 980321  | 54.34% | 1.272% |
| 137 | 12.458 | 12.442 | 12.482 | VV | 27719 | 647732  | 35.91% | 0.840% |
| 138 | 12.514 | 12.482 | 12.543 | VV | 28393 | 1009131 | 55.94% | 1.309% |
| 139 | 12.568 | 12.543 | 12.581 | VV | 27982 | 628450  | 34.84% | 0.815% |
| 140 | 12.593 | 12.581 | 12.609 | VV | 27863 | 463666  | 25.70% | 0.602% |
| 141 | 12.620 | 12.609 | 12.648 | VV | 27458 | 620158  | 34.38% | 0.805% |

Instrument :

FID\_E

ClientSampleId :

281-E2DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

|     |        |        |        |       |       |         |        |        |
|-----|--------|--------|--------|-------|-------|---------|--------|--------|
|     |        |        |        |       |       |         |        |        |
|     |        |        |        | rters |       |         |        |        |
| 142 | 12.771 | 12.745 | 12.827 | VV    | 29471 | 1365810 | 75.71% | 1.772% |
| 143 | 12.850 | 12.827 | 12.889 | VV    | 29758 | 1013595 | 56.46% | 1.772% |
| 144 | 12.996 | 12.978 | 13.008 | VV    | 26716 | 460632  | 25.46% | 1.772% |
| 145 | 13.105 | 13.091 | 13.128 | VV    | 25459 | 557809  | 30.46% | 1.772% |
|     |        |        |        |       |       |         |        |        |
| 146 | 13.137 | 13.128 | 13.159 | VV    | 25021 | 447582  | 24.46% | 1.000% |
| 147 | 13.175 | 13.159 | 13.191 | VV    | 24757 | 475105  | 26.46% | 1.000% |
| 148 | 13.346 | 13.327 | 13.377 | VV    | 26988 | 770755  | 42.73% | 1.000% |
| 149 | 13.391 | 13.377 | 13.445 | VV    | 24518 | 964388  | 53.46% | 1.251% |
| 150 | 13.465 | 13.445 | 13.474 | VV    | 23943 | 405650  | 22.49% | 0.526% |
|     |        |        |        |       |       |         |        |        |
| 151 | 13.498 | 13.474 | 13.544 | VV    | 25657 | 1008195 | 55.89% | 1.308% |
| 152 | 13.572 | 13.544 | 13.609 | VV    | 23488 | 880802  | 48.83% | 1.143% |
| 153 | 13.623 | 13.609 | 13.644 | VV    | 22823 | 462394  | 25.63% | 0.600% |
| 154 | 13.904 | 13.860 | 13.931 | VV    | 23813 | 916826  | 50.82% | 1.189% |
| 155 | 13.959 | 13.931 | 14.012 | VV    | 22044 | 1006012 | 55.77% | 1.305% |
|     |        |        |        |       |       |         |        |        |
| 156 | 14.054 | 14.012 | 14.072 | VV    | 20513 | 698920  | 38.74% | 0.907% |
| 157 | 14.086 | 14.072 | 14.094 | VV    | 20287 | 270090  | 14.97% | 0.350% |
| 158 | 14.107 | 14.094 | 14.154 | VV    | 20313 | 702514  | 38.94% | 0.911% |
| 159 | 14.203 | 14.154 | 14.226 | VV    | 19616 | 814253  | 45.14% | 1.056% |
| 160 | 14.255 | 14.226 | 14.266 | VV    | 26611 | 532953  | 29.54% | 0.691% |
|     |        |        |        |       |       |         |        |        |
| 161 | 14.613 | 14.594 | 14.641 | VV    | 17847 | 476003  | 26.39% | 0.618% |
| 162 | 14.673 | 14.641 | 14.693 | VV    | 16226 | 497182  | 27.56% | 0.645% |
| 163 | 14.736 | 14.693 | 14.766 | VV    | 16972 | 701472  | 38.89% | 0.910% |
| 164 | 14.787 | 14.766 | 14.829 | VV    | 16504 | 577364  | 32.01% | 0.749% |
| 165 | 14.852 | 14.829 | 14.921 | VV    | 14652 | 779823  | 43.23% | 1.012% |
|     |        |        |        |       |       |         |        |        |
| 166 | 14.937 | 14.921 | 14.968 | VV    | 13468 | 364196  | 20.19% | 0.473% |
| 167 | 14.990 | 14.968 | 15.004 | VV    | 13063 | 282472  | 15.66% | 0.366% |
| 168 | 15.036 | 15.004 | 15.062 | VV    | 16871 | 489313  | 27.12% | 0.635% |
| 169 | 15.105 | 15.062 | 15.122 | VV    | 19716 | 564472  | 31.29% | 0.732% |
| 170 | 15.143 | 15.122 | 15.240 | VV    | 20938 | 1048649 | 58.13% | 1.361% |
|     |        |        |        |       |       |         |        |        |
| 171 | 15.260 | 15.240 | 15.284 | VV    | 12572 | 321646  | 17.83% | 0.417% |
| 172 | 15.289 | 15.284 | 15.386 | VV    | 11954 | 665333  | 36.88% | 0.863% |
| 173 | 15.406 | 15.386 | 15.428 | VV    | 10496 | 261887  | 14.52% | 0.340% |
| 174 | 15.454 | 15.428 | 15.509 | VV    | 11288 | 495800  | 27.48% | 0.643% |
| 175 | 15.545 | 15.509 | 15.563 | VV    | 13262 | 378130  | 20.96% | 0.491% |
|     |        |        |        |       |       |         |        |        |
| 176 | 15.574 | 15.563 | 15.595 | VV    | 12955 | 235306  | 13.04% | 0.305% |
| 177 | 15.612 | 15.595 | 15.649 | VV    | 13690 | 376546  | 20.87% | 0.489% |
| 178 | 15.690 | 15.649 | 15.714 | VV    | 11680 | 410531  | 22.76% | 0.533% |
| 179 | 15.736 | 15.714 | 15.759 | VV    | 11088 | 277850  | 15.40% | 0.360% |
| 180 | 15.780 | 15.759 | 15.805 | VV    | 10242 | 270827  | 15.01% | 0.351% |
|     |        |        |        |       |       |         |        |        |
| 181 | 15.817 | 15.805 | 15.844 | VV    | 9543  | 216926  | 12.03% | 0.281% |
| 182 | 15.860 | 15.844 | 15.904 | VV    | 9022  | 317168  | 17.58% | 0.411% |
| 183 | 15.947 | 15.904 | 16.045 | VV    | 13505 | 812284  | 45.03% | 1.054% |
| 184 | 16.060 | 16.045 | 16.096 | VV    | 8448  | 251103  | 13.92% | 0.326% |
| 185 | 16.109 | 16.096 | 16.128 | VV    | 8260  | 156480  | 8.67%  | 0.203% |
|     |        |        |        |       |       |         |        |        |
| 186 | 16.139 | 16.128 | 16.156 | VV    | 8305  | 140344  | 7.78%  | 0.182% |
| 187 | 16.179 | 16.156 | 16.220 | VV    | 9354  | 329120  | 18.24% | 0.427% |
| 188 | 16.241 | 16.220 | 16.283 | VV    | 9116  | 315894  | 17.51% | 0.410% |
| 189 | 16.306 | 16.283 | 16.333 | VV    | 8401  | 241506  | 13.39% | 0.313% |
| 190 | 16.379 | 16.333 | 16.406 | VV    | 8533  | 355909  | 19.73% | 0.462% |
|     |        |        |        |       |       |         |        |        |
| 191 | 16.432 | 16.406 | 16.440 | VV    | 8055  | 161768  | 8.97%  | 0.210% |
| 192 | 16.483 | 16.440 | 16.522 | VV    | 9712  | 431255  | 23.91% | 0.560% |
| 193 | 16.566 | 16.522 | 16.614 | VV    | 11874 | 549089  | 30.44% | 0.712% |
| 194 | 16.666 | 16.614 | 16.721 | VV    | 21201 | 828195  | 45.91% | 1.075% |

Instrument :

FID\_E

ClientSampleId :

281-E2DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/21/2025

Supervised By :mohammad ahmed 05/22/2025

|                         |        |        |        |    |       |         |                              |        |
|-------------------------|--------|--------|--------|----|-------|---------|------------------------------|--------|
|                         |        |        |        |    |       |         | Instrument :<br>FID_E        |        |
|                         |        |        |        |    |       |         | ClientSampleId :<br>281-E2DL |        |
| 195                     | 16.732 | 16.721 | 16.767 | VV | 10512 | 263445  | 14.60%                       | 0.342% |
| 196                     | 16.802 | 16.767 | 16.874 | VV | 10118 | 578616  | 32.00%                       | 0.342% |
| 197                     | 16.879 | 16.874 | 16.898 | VV | 8614  | 118394  | 6.00%                        | 0.342% |
| 198                     | 16.948 | 16.898 | 16.964 | VV | 9828  | 358637  | 19.00%                       | 0.342% |
| 199                     | 16.989 | 16.964 | 17.026 | VV | 15142 | 424779  | 23.00%                       | 0.342% |
| 200                     | 17.055 | 17.026 | 17.108 | VV | 15240 | 567310  | 33.00%                       | 0.342% |
| 201                     | 17.152 | 17.108 | 17.187 | VV | 11135 | 507486  | 28.13%                       | 0.658% |
| 202                     | 17.207 | 17.187 | 17.244 | VV | 11580 | 360927  | 20.01%                       | 0.468% |
| 203                     | 17.250 | 17.244 | 17.274 | VV | 9845  | 170763  | 9.47%                        | 0.222% |
| 204                     | 17.302 | 17.274 | 17.338 | VV | 10328 | 383769  | 21.27%                       | 0.498% |
| 205                     | 17.362 | 17.338 | 17.382 | VV | 10520 | 272314  | 15.10%                       | 0.353% |
| 206                     | 17.414 | 17.382 | 17.431 | VV | 65554 | 405501  | 22.48%                       | 0.526% |
| 207                     | 17.449 | 17.431 | 17.478 | VV | 11004 | 301405  | 16.71%                       | 0.391% |
| 208                     | 17.512 | 17.478 | 17.555 | VH | 13589 | 573838  | 31.81%                       | 0.745% |
| 209                     | 17.580 | 17.555 | 17.628 | HH | 17799 | 578586  | 32.07%                       | 0.751% |
| 210                     | 17.675 | 17.628 | 17.720 | HH | 11831 | 631758  | 35.02%                       | 0.820% |
| 211                     | 17.744 | 17.720 | 17.765 | HH | 12450 | 320743  | 17.78%                       | 0.416% |
| 212                     | 17.785 | 17.765 | 17.821 | HH | 11701 | 380522  | 21.09%                       | 0.494% |
| 213                     | 17.845 | 17.821 | 17.884 | HH | 11606 | 430674  | 23.87%                       | 0.559% |
| 214                     | 17.991 | 17.884 | 18.066 | HH | 19236 | 1481541 | 82.13%                       | 1.922% |
| 215                     | 18.110 | 18.066 | 18.131 | HH | 15200 | 525803  | 29.15%                       | 0.682% |
| 216                     | 18.154 | 18.131 | 18.172 | HH | 14739 | 354434  | 19.65%                       | 0.460% |
| 217                     | 18.191 | 18.172 | 18.221 | HV | 14409 | 402743  | 22.33%                       | 0.523% |
| 218                     | 18.242 | 18.221 | 18.273 | VV | 15072 | 429181  | 23.79%                       | 0.557% |
| 219                     | 18.337 | 18.273 | 18.360 | VV | 18090 | 743837  | 41.23%                       | 0.965% |
| 220                     | 18.440 | 18.360 | 18.504 | VV | 34884 | 1803941 | 100.00%                      | 2.340% |
| 221                     | 18.522 | 18.504 | 18.552 | VV | 14883 | 399636  | 22.15%                       | 0.518% |
| 222                     | 18.578 | 18.552 | 18.631 | VV | 16004 | 627082  | 34.76%                       | 0.814% |
| 223                     | 18.694 | 18.631 | 18.786 | VV | 14603 | 1121620 | 62.18%                       | 1.455% |
| 224                     | 18.955 | 18.905 | 18.976 | VV | 13525 | 523415  | 29.02%                       | 0.679% |
| 225                     | 18.999 | 18.976 | 19.019 | VV | 14396 | 341747  | 18.94%                       | 0.443% |
| 226                     | 19.040 | 19.019 | 19.076 | VV | 14847 | 415388  | 23.03%                       | 0.539% |
| 227                     | 19.123 | 19.076 | 19.138 | VV | 11133 | 382317  | 21.19%                       | 0.496% |
| 228                     | 19.161 | 19.138 | 19.179 | VV | 13492 | 298291  | 16.54%                       | 0.387% |
| 229                     | 19.213 | 19.179 | 19.236 | VV | 31319 | 769171  | 42.64%                       | 0.998% |
| 230                     | 19.248 | 19.236 | 19.300 | VV | 23925 | 724854  | 40.18%                       | 0.940% |
| 231                     | 19.333 | 19.300 | 19.360 | VV | 18655 | 561358  | 31.12%                       | 0.728% |
| Sum of corrected areas: |        |        |        |    |       |         | 77076938                     |        |

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 05/21/2025  
Supervised By :mohammad ahmed 05/22/2025

Aliphatic EPH 051425.M Mon May 19 01:36:16 2025