

rters  
Area Percent Report

Instrument :

FID\_E

ClientSampleId :

291431-E2DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025

Supervised By :mohammad ahmed 06/26/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data

Data File : FE054563.D

Signal(s) : FID1B.ch

Acq On : 24 Jun 2025 09:35

Sample : Q2381-02DL 10X

Misc :

ALS Vial : 9 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH  
061025.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         | 2.872       | 2.804        | 2.887      | BV       | 119            | 3658         | 0.16%          | 0.006%        |
| 2         | 2.898       | 2.887        | 2.938      | VV       | 149            | 3494         | 0.15%          | 0.005%        |
| 3         | 3.030       | 2.938        | 3.054      | VV       | 388            | 13749        | 0.59%          | 0.021%        |
| 4         | 3.068       | 3.054        | 3.141      | VV       | 282            | 12079        | 0.51%          | 0.019%        |
| 5         | 3.173       | 3.141        | 3.264      | VV       | 351            | 20613        | 0.88%          | 0.032%        |
| 6         | 3.276       | 3.264        | 3.284      | VV       | 302            | 3464         | 0.15%          | 0.005%        |
| 7         | 3.331       | 3.284        | 3.343      | VV       | 418            | 11515        | 0.49%          | 0.018%        |
| 8         | 3.366       | 3.343        | 3.431      | VV       | 3697           | 55801        | 2.37%          | 0.087%        |
| 9         | 3.443       | 3.431        | 3.501      | VV       | 486            | 16479        | 0.70%          | 0.026%        |

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10 3.525 3.501 3.552 VV 504 12541 0.5 Manual IntegrationsAPPROVED

11 3.561 3.552 3.601 VV 479 12842 0.5  
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12 3.626 3.601 3.637 VV 528 9949 0.42% 0.016%

13 3.665 3.637 3.724 VV 1804 44219 1.88% 0.069%

14 3.741 3.724 3.758 VV 513 9482 0.40% 0.015%

15 3.787 3.758 3.836 VV 1137 33411 1.42% 0.052%

16 3.860 3.836 3.979 VV 6095 113332 4.82% 0.177%

17 3.984 3.979 3.993 VV 622 4484 0.19% 0.007%

18 4.020 3.993 4.055 VV 561 18528 0.79% 0.029%

19 4.091 4.055 4.104 VV 526 13320 0.57% 0.021%

20 4.108 4.104 4.115 VV 470 2694 0.11% 0.004%

21 4.125 4.115 4.134 VV 457 5410 0.23% 0.008%

22 4.176 4.134 4.196 VV 761 21109 0.90% 0.033%

23 4.215 4.196 4.268 VV 639 22992 0.98% 0.036%

24 4.305 4.268 4.322 VV 539 14654 0.62% 0.023%

25 4.331 4.322 4.364 VV 521 10723 0.46% 0.017%

26 4.376 4.364 4.418 VV 393 12729 0.54% 0.020%

27 4.436 4.418 4.484 VV 424 14922 0.64% 0.023%

28 4.489 4.484 4.511 VV 378 5542 0.24% 0.009%

29 4.517 4.511 4.535 VV 399 4840 0.21% 0.008%

30 4.547 4.535 4.592 VV 407 11890 0.51% 0.019%

31 4.601 4.592 4.648 VV 350 10342 0.44% 0.016%

32 4.651 4.648 4.674 VV 334 4616 0.20% 0.007%

33 4.690 4.674 4.702 VV 315 4777 0.20% 0.007%

34 4.713 4.702 4.744 VV 358 7195 0.31% 0.011%

35 4.747 4.744 4.756 VV 292 1743 0.07% 0.003%

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|    |       |       |       |    |     |       |       |        |
|----|-------|-------|-------|----|-----|-------|-------|--------|
| 36 | 4.797 | 4.756 | 4.838 | VV | 306 | 11822 | 0.5   |        |
| 37 | 4.841 | 4.838 | 4.848 | VV | 284 | 1391  | 0.06  |        |
| 38 | 4.867 | 4.848 | 4.917 | VV | 268 | 9445  | 0.40% | 0.015% |
| 39 | 4.943 | 4.917 | 4.962 | VV | 290 | 5949  | 0.25% | 0.009% |
| 40 | 4.972 | 4.962 | 4.979 | VV | 254 | 2148  | 0.09% | 0.003% |
| 41 | 4.985 | 4.979 | 5.083 | VV | 226 | 11062 | 0.47% | 0.017% |
| 42 | 5.097 | 5.083 | 5.212 | VV | 268 | 12287 | 0.52% | 0.019% |
| 43 | 5.218 | 5.212 | 5.313 | VV | 169 | 6309  | 0.27% | 0.010% |
| 44 | 5.319 | 5.313 | 5.342 | VV | 127 | 1780  | 0.08% | 0.003% |
| 45 | 5.354 | 5.342 | 5.371 | VV | 112 | 1454  | 0.06% | 0.002% |
| 46 | 5.387 | 5.371 | 5.408 | VV | 184 | 2361  | 0.10% | 0.004% |
| 47 | 5.417 | 5.408 | 5.424 | VV | 106 | 930   | 0.04% | 0.001% |
| 48 | 5.433 | 5.424 | 5.574 | VV | 164 | 8435  | 0.36% | 0.013% |
| 49 | 5.583 | 5.574 | 5.664 | VV | 171 | 5664  | 0.24% | 0.009% |
| 50 | 5.674 | 5.664 | 5.700 | VV | 112 | 1590  | 0.07% | 0.002% |
| 51 | 5.710 | 5.700 | 5.744 | VV | 96  | 1922  | 0.08% | 0.003% |
| 52 | 5.751 | 5.744 | 5.791 | VV | 123 | 2612  | 0.11% | 0.004% |
| 53 | 5.811 | 5.791 | 5.839 | VV | 139 | 2416  | 0.10% | 0.004% |
| 54 | 5.846 | 5.839 | 5.904 | VV | 104 | 2197  | 0.09% | 0.003% |
| 55 | 5.914 | 5.904 | 6.024 | PV | 92  | 4301  | 0.18% | 0.007% |
| 56 | 6.032 | 6.024 | 6.039 | PV | 82  | 362   | 0.02% | 0.001% |
| 57 | 6.059 | 6.039 | 6.074 | VV | 78  | 1092  | 0.05% | 0.002% |
| 58 | 6.104 | 6.074 | 6.154 | VV | 194 | 3889  | 0.17% | 0.006% |
| 59 | 6.241 | 6.154 | 6.277 | PV | 241 | 8530  | 0.36% | 0.013% |
| 60 | 6.295 | 6.277 | 6.316 | VV | 188 | 3405  | 0.14% | 0.005% |

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|    |       |       |       |    |     |       |       |        |
|----|-------|-------|-------|----|-----|-------|-------|--------|
| 61 | 6.335 | 6.316 | 6.348 | VV | 245 | 3786  | 0.16% |        |
| 62 | 6.395 | 6.348 | 6.404 | VV | 445 | 9305  | 0.40% |        |
| 63 | 6.416 | 6.404 | 6.427 | VV | 336 | 4332  | 0.18% |        |
| 64 | 6.446 | 6.427 | 6.464 | VV | 404 | 8037  | 0.34% | 0.013% |
| 65 | 6.508 | 6.464 | 6.530 | VV | 555 | 17789 | 0.76% | 0.028% |
| 66 | 6.547 | 6.530 | 6.562 | VV | 690 | 10942 | 0.47% | 0.017% |
| 67 | 6.578 | 6.562 | 6.594 | VV | 645 | 11513 | 0.49% | 0.018% |
| 68 | 6.604 | 6.594 | 6.634 | VV | 546 | 11145 | 0.47% | 0.017% |
| 69 | 6.646 | 6.634 | 6.674 | VV | 592 | 10413 | 0.44% | 0.016% |
| 70 | 6.690 | 6.674 | 6.734 | VV | 580 | 12904 | 0.55% | 0.020% |
| 71 | 6.758 | 6.734 | 6.824 | VV | 370 | 9960  | 0.42% | 0.016% |
| 72 | 6.836 | 6.824 | 6.842 | VV | 142 | 823   | 0.04% | 0.001% |
| 73 | 6.860 | 6.842 | 6.899 | VV | 207 | 4537  | 0.19% | 0.007% |
| 74 | 6.934 | 6.899 | 6.957 | VV | 208 | 4769  | 0.20% | 0.007% |
| 75 | 6.973 | 6.957 | 6.993 | VV | 298 | 4098  | 0.17% | 0.006% |
| 76 | 7.012 | 6.993 | 7.034 | PV | 269 | 4836  | 0.21% | 0.008% |
| 77 | 7.044 | 7.034 | 7.056 | VV | 234 | 2099  | 0.09% | 0.003% |
| 78 | 7.074 | 7.056 | 7.091 | VV | 456 | 5456  | 0.23% | 0.009% |
| 79 | 7.112 | 7.091 | 7.127 | VV | 284 | 4389  | 0.19% | 0.007% |
| 80 | 7.138 | 7.127 | 7.150 | VV | 267 | 2612  | 0.11% | 0.004% |
| 81 | 7.177 | 7.150 | 7.204 | VV | 450 | 8520  | 0.36% | 0.013% |
| 82 | 7.235 | 7.204 | 7.248 | VV | 387 | 6571  | 0.28% | 0.010% |
| 83 | 7.274 | 7.248 | 7.290 | VV | 631 | 10519 | 0.45% | 0.016% |
| 84 | 7.303 | 7.290 | 7.311 | VV | 507 | 5761  | 0.25% | 0.009% |
| 85 | 7.330 | 7.311 | 7.391 | VV | 637 | 20210 | 0.86% | 0.032% |
| 86 | 7.435 | 7.391 | 7.491 | VV | 882 | 32953 | 1.40% | 0.051% |

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|     |       |       |       |    |       |        |        |        |
|-----|-------|-------|-------|----|-------|--------|--------|--------|
| 87  | 7.518 | 7.491 | 7.527 | VV | 801   | 12320  | 0.5    |        |
| 88  | 7.562 | 7.527 | 7.578 | VV | 1256  | 29323  | 1.1    |        |
| 89  | 7.592 | 7.578 | 7.604 | VV | 988   | 15161  | 0.6    |        |
| 90  | 7.623 | 7.604 | 7.651 | VV | 1206  | 27913  | 1.19%  | 0.044% |
| 91  | 7.713 | 7.651 | 7.734 | VV | 1684  | 59243  | 2.52%  | 0.092% |
| 92  | 7.740 | 7.734 | 7.764 | VV | 1325  | 20776  | 0.88%  | 0.032% |
| 93  | 7.786 | 7.764 | 7.793 | VV | 1069  | 16908  | 0.72%  | 0.026% |
| 94  | 7.845 | 7.793 | 7.861 | VV | 2735  | 79004  | 3.36%  | 0.123% |
| 95  | 7.991 | 7.980 | 8.008 | VV | 4192  | 65298  | 2.78%  | 0.102% |
| 96  | 8.018 | 8.008 | 8.028 | VV | 3734  | 43832  | 1.87%  | 0.068% |
| 97  | 8.039 | 8.028 | 8.065 | VV | 3859  | 74287  | 3.16%  | 0.116% |
| 98  | 8.109 | 8.065 | 8.118 | VV | 3487  | 100015 | 4.26%  | 0.156% |
| 99  | 8.134 | 8.118 | 8.150 | VV | 3861  | 68228  | 2.90%  | 0.106% |
| 100 | 8.173 | 8.150 | 8.220 | VV | 8405  | 200195 | 8.52%  | 0.312% |
| 101 | 8.240 | 8.220 | 8.259 | VV | 4419  | 83896  | 3.57%  | 0.131% |
| 102 | 8.279 | 8.259 | 8.294 | VV | 4300  | 82303  | 3.50%  | 0.128% |
| 103 | 8.320 | 8.294 | 8.340 | VV | 6369  | 138978 | 5.91%  | 0.217% |
| 104 | 8.365 | 8.340 | 8.394 | VV | 5660  | 167732 | 7.14%  | 0.262% |
| 105 | 8.416 | 8.394 | 8.423 | VV | 5457  | 88613  | 3.77%  | 0.138% |
| 106 | 8.453 | 8.423 | 8.488 | VV | 7137  | 234227 | 9.97%  | 0.365% |
| 107 | 8.520 | 8.488 | 8.555 | VV | 5842  | 211754 | 9.01%  | 0.330% |
| 108 | 8.601 | 8.555 | 8.645 | VV | 11043 | 376746 | 16.03% | 0.587% |
| 109 | 8.668 | 8.645 | 8.678 | VV | 6416  | 116069 | 4.94%  | 0.181% |
| 110 | 8.703 | 8.678 | 8.743 | VV | 8500  | 263353 | 11.21% | 0.411% |
| 111 | 8.782 | 8.743 | 8.811 | VV | 13874 | 401082 | 17.07% | 0.625% |
| 112 | 8.827 | 8.811 | 8.856 | VV | 13268 | 311695 | 13.27% | 0.486% |

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|-----|--------|--------|--------|----|-------|--------|--------|--------|
| 113 | 8.868  | 8.856  | 8.881  | VV | 10317 | 147438 |        |        |
| 114 | 8.901  | 8.881  | 8.921  | VV | 13533 | 281428 | 1      |        |
| 115 | 8.938  | 8.921  | 8.948  | VV | 13134 | 194350 |        |        |
| 116 | 9.010  | 8.998  | 9.051  | VV | 9955  | 303578 | 12.92% | 0.473% |
| 117 | 9.069  | 9.051  | 9.082  | VV | 11307 | 190770 | 8.12%  | 0.297% |
| 118 | 9.096  | 9.082  | 9.114  | VV | 11342 | 202734 | 8.63%  | 0.316% |
| 119 | 9.134  | 9.114  | 9.153  | VV | 10593 | 222134 | 9.45%  | 0.346% |
| 120 | 9.191  | 9.153  | 9.218  | VV | 14032 | 422432 | 17.98% | 0.659% |
| 121 | 9.235  | 9.218  | 9.272  | VV | 9717  | 302780 | 12.89% | 0.472% |
| 122 | 9.285  | 9.272  | 9.300  | VV | 9385  | 149997 | 6.38%  | 0.234% |
| 123 | 9.335  | 9.300  | 9.384  | VV | 10283 | 496998 | 21.15% | 0.775% |
| 124 | 9.402  | 9.384  | 9.419  | VV | 10221 | 198214 | 8.44%  | 0.309% |
| 125 | 9.481  | 9.419  | 9.501  | VV | 12529 | 519927 | 22.13% | 0.811% |
| 126 | 9.518  | 9.501  | 9.538  | VV | 11563 | 241943 | 10.30% | 0.377% |
| 127 | 9.578  | 9.538  | 9.598  | VV | 13180 | 420683 | 17.90% | 0.656% |
| 128 | 9.661  | 9.598  | 9.692  | VV | 16352 | 711708 | 30.29% | 1.110% |
| 129 | 9.738  | 9.692  | 9.784  | VV | 14251 | 684418 | 29.13% | 1.067% |
| 130 | 9.803  | 9.784  | 9.810  | VV | 12591 | 191098 | 8.13%  | 0.298% |
| 131 | 9.827  | 9.810  | 9.854  | VV | 12916 | 329866 | 14.04% | 0.514% |
| 132 | 9.889  | 9.854  | 9.903  | VV | 12848 | 358874 | 15.27% | 0.560% |
| 133 | 9.935  | 9.903  | 9.947  | VV | 13204 | 339018 | 14.43% | 0.529% |
| 134 | 9.960  | 9.947  | 9.974  | VV | 13278 | 216527 | 9.22%  | 0.338% |
| 135 | 10.017 | 9.974  | 10.044 | VV | 13847 | 554250 | 23.59% | 0.864% |
| 136 | 10.068 | 10.044 | 10.088 | VV | 14111 | 350508 | 14.92% | 0.547% |
| 137 | 10.105 | 10.088 | 10.121 | VV | 13670 | 263392 | 11.21% | 0.411% |
| 138 | 10.155 | 10.121 | 10.189 | VV | 14536 | 569850 | 24.25% | 0.889% |

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|-----|--------|--------|--------|----|-------|---------|--------|--------|
| 139 | 10.247 | 10.189 | 10.268 | VV | 15295 | 675496  |        |        |
| 140 | 10.324 | 10.268 | 10.347 | VV | 15453 | 695677  |        |        |
| 141 | 10.373 | 10.347 | 10.390 | VV | 16093 | 400809  | 17.06% | 0.625% |
| 142 | 10.406 | 10.390 | 10.428 | VV | 16432 | 363236  | 15.46% | 0.566% |
| 143 | 10.449 | 10.428 | 10.467 | VV | 17027 | 388079  | 16.52% | 0.605% |
| 144 | 10.487 | 10.467 | 10.498 | VV | 16972 | 307014  | 13.07% | 0.479% |
| 145 | 10.533 | 10.498 | 10.577 | VV | 19486 | 861246  | 36.65% | 1.343% |
| 146 | 10.597 | 10.577 | 10.614 | VV | 18744 | 402226  | 17.12% | 0.627% |
| 147 | 10.635 | 10.614 | 10.648 | VV | 17731 | 349288  | 14.87% | 0.545% |
| 148 | 10.660 | 10.648 | 10.672 | VV | 18124 | 259303  | 11.04% | 0.404% |
| 149 | 10.697 | 10.672 | 10.746 | VV | 18904 | 801110  | 34.09% | 1.249% |
| 150 | 10.801 | 10.746 | 10.819 | VV | 19357 | 810024  | 34.47% | 1.263% |
| 151 | 10.874 | 10.819 | 10.894 | VV | 20711 | 891101  | 37.92% | 1.389% |
| 152 | 10.901 | 10.894 | 10.974 | VV | 20126 | 949985  | 40.43% | 1.481% |
| 153 | 10.998 | 10.974 | 11.012 | VV | 20317 | 442026  | 18.81% | 0.689% |
| 154 | 11.027 | 11.012 | 11.061 | VV | 20912 | 595772  | 25.36% | 0.929% |
| 155 | 11.084 | 11.061 | 11.098 | VV | 21221 | 458420  | 19.51% | 0.715% |
| 156 | 11.121 | 11.098 | 11.141 | VV | 21703 | 546316  | 23.25% | 0.852% |
| 157 | 11.206 | 11.141 | 11.259 | VV | 30897 | 1661502 | 70.71% | 2.591% |
| 158 | 11.285 | 11.259 | 11.322 | VV | 23048 | 843196  | 35.89% | 1.315% |
| 159 | 11.337 | 11.322 | 11.378 | VV | 22634 | 730840  | 31.10% | 1.140% |
| 160 | 11.397 | 11.378 | 11.418 | VV | 21973 | 524035  | 22.30% | 0.817% |
| 161 | 11.437 | 11.418 | 11.453 | VV | 22904 | 467343  | 19.89% | 0.729% |
| 162 | 11.471 | 11.453 | 11.492 | VV | 22854 | 534778  | 22.76% | 0.834% |
| 163 | 11.511 | 11.492 | 11.538 | VV | 22244 | 598555  | 25.47% | 0.933% |
| 164 | 11.596 | 11.538 | 11.645 | VV | 22879 | 1408940 | 59.96% | 2.197% |

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|-----|--------|--------|--------|----|-------|---------|--------|--------|
| 165 | 11.667 | 11.645 | 11.682 | VV | 21883 | 489617  |        |        |
| 166 | 11.757 | 11.682 | 11.771 | VV | 22553 | 117384  |        |        |
| 167 | 11.821 | 11.771 | 11.857 | VV | 73065 | 1722509 | 73.31% | 2.686% |
| 168 | 11.876 | 11.857 | 11.891 | VV | 23549 | 471282  | 20.06% | 0.735% |
| 169 | 11.911 | 11.891 | 11.931 | VV | 23151 | 540648  | 23.01% | 0.843% |
| 170 | 11.961 | 11.931 | 11.983 | VV | 23212 | 716883  | 30.51% | 1.118% |
| 171 | 11.998 | 11.983 | 12.018 | VV | 23662 | 480288  | 20.44% | 0.749% |
| 172 | 12.027 | 12.018 | 12.048 | VV | 23209 | 412604  | 17.56% | 0.643% |
| 173 | 12.054 | 12.048 | 12.088 | VV | 23019 | 535405  | 22.79% | 0.835% |
| 174 | 12.118 | 12.088 | 12.140 | VV | 24371 | 707079  | 30.09% | 1.103% |
| 175 | 12.162 | 12.140 | 12.211 | VV | 22598 | 937587  | 39.90% | 1.462% |
| 176 | 12.233 | 12.211 | 12.251 | VV | 21862 | 512621  | 21.82% | 0.799% |
| 177 | 12.282 | 12.251 | 12.356 | VV | 21955 | 1330462 | 56.62% | 2.075% |
| 178 | 12.382 | 12.356 | 12.410 | VV | 21455 | 688754  | 29.31% | 1.074% |
| 179 | 12.431 | 12.410 | 12.460 | VV | 22257 | 640590  | 27.26% | 0.999% |
| 180 | 12.484 | 12.460 | 12.520 | VV | 22074 | 757097  | 32.22% | 1.180% |
| 181 | 12.548 | 12.520 | 12.582 | VV | 25484 | 841074  | 35.80% | 1.311% |
| 182 | 12.590 | 12.582 | 12.628 | VV | 20764 | 540013  | 22.98% | 0.842% |
| 183 | 12.655 | 12.628 | 12.712 | VV | 20059 | 969446  | 41.26% | 1.512% |
| 184 | 12.751 | 12.712 | 12.760 | VV | 19098 | 547146  | 23.29% | 0.853% |
| 185 | 12.780 | 12.760 | 12.800 | VV | 19642 | 454361  | 19.34% | 0.708% |
| 186 | 12.826 | 12.800 | 12.851 | VV | 19409 | 569714  | 24.25% | 0.888% |
| 187 | 12.860 | 12.851 | 12.874 | VV | 18427 | 253594  | 10.79% | 0.395% |
| 188 | 12.898 | 12.874 | 13.005 | VV | 24099 | 1475917 | 62.81% | 2.301% |
| 189 | 13.023 | 13.005 | 13.064 | VV | 16573 | 586586  | 24.96% | 0.915% |
| 190 | 13.078 | 13.064 | 13.102 | VV | 16526 | 358929  | 15.28% | 0.560% |

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|-----|--------|--------|--------|----|-------|---------|--------|--------|
| 191 | 13.114 | 13.102 | 13.134 | VV | 15921 | 309805  |        |        |
| 192 | 13.147 | 13.134 | 13.168 | VV | 15557 | 308446  |        |        |
| 193 | 13.195 | 13.168 | 13.238 | VV | 21023 | 734132  | 31.24% | 1.145% |
| 194 | 13.266 | 13.238 | 13.414 | VV | 48209 | 1951241 | 83.04% | 3.042% |
| 195 | 13.434 | 13.414 | 13.461 | VV | 13940 | 376438  | 16.02% | 0.587% |
| 196 | 13.475 | 13.461 | 13.577 | VV | 13385 | 872515  | 37.13% | 1.360% |
| 197 | 13.589 | 13.577 | 13.620 | VV | 12202 | 307568  | 13.09% | 0.480% |
| 198 | 13.654 | 13.620 | 13.748 | VV | 11912 | 860602  | 36.63% | 1.342% |
| 199 | 13.771 | 13.748 | 13.788 | VV | 10762 | 253557  | 10.79% | 0.395% |
| 200 | 13.791 | 13.788 | 13.861 | VV | 10703 | 441559  | 18.79% | 0.688% |
| 201 | 13.869 | 13.861 | 13.891 | VV | 9813  | 169052  | 7.19%  | 0.264% |
| 202 | 13.903 | 13.891 | 13.918 | VV | 9447  | 153198  | 6.52%  | 0.239% |
| 203 | 13.933 | 13.918 | 13.993 | VV | 9690  | 413176  | 17.58% | 0.644% |
| 204 | 14.019 | 13.993 | 14.045 | VV | 9154  | 274693  | 11.69% | 0.428% |
| 205 | 14.060 | 14.045 | 14.211 | VV | 8591  | 746880  | 31.79% | 1.165% |
| 206 | 14.230 | 14.211 | 14.298 | VV | 6819  | 335171  | 14.26% | 0.523% |
| 207 | 14.310 | 14.298 | 14.363 | VV | 6038  | 224620  | 9.56%  | 0.350% |
| 208 | 14.381 | 14.363 | 14.502 | VV | 5634  | 425889  | 18.13% | 0.664% |
| 209 | 14.521 | 14.502 | 14.561 | VV | 4882  | 166043  | 7.07%  | 0.259% |
| 210 | 14.583 | 14.561 | 14.619 | VV | 5035  | 157242  | 6.69%  | 0.245% |
| 211 | 14.638 | 14.619 | 14.702 | VV | 4457  | 195743  | 8.33%  | 0.305% |
| 212 | 14.731 | 14.702 | 14.754 | VV | 3769  | 115323  | 4.91%  | 0.180% |
| 213 | 14.774 | 14.754 | 14.821 | VV | 4088  | 140430  | 5.98%  | 0.219% |
| 214 | 14.836 | 14.821 | 14.854 | VV | 3041  | 59106   | 2.52%  | 0.092% |
| 215 | 14.875 | 14.854 | 14.891 | VV | 3029  | 62612   | 2.66%  | 0.098% |

Instrument :

FID\_E

ClientSampleId :

291431-E2DL

rteres

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/25/2025

Supervised By :mohammad ahmed 06/26/2025

|     |        |        |        |    |      |        |       |        |
|-----|--------|--------|--------|----|------|--------|-------|--------|
| 216 | 14.909 | 14.891 | 15.047 | VV | 2959 | 215597 |       |        |
| 217 | 15.099 | 15.047 | 15.110 | VV | 4287 | 112093 |       |        |
| 218 | 15.131 | 15.110 | 15.225 | VV | 5104 | 210408 |       |        |
| 219 | 15.244 | 15.225 | 15.391 | VV | 1826 | 126104 | 5.37% | 0.197% |
| 220 | 15.403 | 15.391 | 15.413 | VV | 911  | 11231  | 0.48% | 0.018% |
| 221 | 15.450 | 15.413 | 15.498 | VV | 1108 | 45081  | 1.92% | 0.070% |
| 222 | 15.549 | 15.498 | 15.588 | VV | 1187 | 49339  | 2.10% | 0.077% |
| 223 | 15.603 | 15.588 | 15.625 | VV | 960  | 18370  | 0.78% | 0.029% |
| 224 | 15.647 | 15.625 | 15.683 | VV | 1412 | 31913  | 1.36% | 0.050% |
| 225 | 15.710 | 15.683 | 15.744 | VV | 1790 | 35000  | 1.49% | 0.055% |
| 226 | 15.769 | 15.744 | 15.808 | VV | 915  | 24846  | 1.06% | 0.039% |
| 227 | 15.816 | 15.808 | 15.848 | VV | 594  | 10989  | 0.47% | 0.017% |
| 228 | 15.867 | 15.848 | 15.881 | VV | 440  | 7717   | 0.33% | 0.012% |
| 229 | 15.906 | 15.881 | 15.997 | VV | 627  | 31859  | 1.36% | 0.050% |
| 230 | 16.006 | 15.997 | 16.015 | VV | 295  | 2562   | 0.11% | 0.004% |
| 231 | 16.027 | 16.015 | 16.067 | VV | 210  | 4662   | 0.20% | 0.007% |
| 232 | 16.110 | 16.067 | 16.125 | VV | 449  | 9096   | 0.39% | 0.014% |
| 233 | 16.150 | 16.125 | 16.182 | VV | 1424 | 21829  | 0.93% | 0.034% |
| 234 | 16.215 | 16.182 | 16.257 | VV | 487  | 10462  | 0.45% | 0.016% |
| 235 | 16.268 | 16.257 | 16.314 | VV | 166  | 3485   | 0.15% | 0.005% |
| 236 | 16.341 | 16.314 | 16.388 | VV | 306  | 6478   | 0.28% | 0.010% |
| 237 | 16.470 | 16.388 | 16.517 | PV | 6278 | 87273  | 3.71% | 0.136% |
| 238 | 16.565 | 16.517 | 16.577 | VV | 565  | 12588  | 0.54% | 0.020% |
| 239 | 16.603 | 16.577 | 16.614 | VV | 830  | 14960  | 0.64% | 0.023% |
| 240 | 16.664 | 16.614 | 16.684 | VV | 5090 | 113133 | 4.81% | 0.176% |
| 241 | 16.697 | 16.684 | 16.771 | VV | 3779 | 88439  | 3.76% | 0.138% |

Instrument :

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291431-E2DL

rteres

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|     |        |        |        |    |      |        |       |        |
|-----|--------|--------|--------|----|------|--------|-------|--------|
| 242 | 16.796 | 16.771 | 16.884 | VV | 1139 | 33498  |       |        |
| 243 | 16.920 | 16.884 | 16.951 | PV | 1272 | 20765  |       |        |
| 244 | 16.984 | 16.951 | 17.026 | VV | 2938 | 59536  |       |        |
| 245 | 17.057 | 17.026 | 17.084 | VV | 2924 | 66944  | 2.85% | 0.104% |
| 246 | 17.099 | 17.084 | 17.127 | VV | 2310 | 41886  | 1.78% | 0.065% |
| 247 | 17.148 | 17.127 | 17.161 | VV | 1340 | 21955  | 0.93% | 0.034% |
| 248 | 17.180 | 17.161 | 17.251 | VV | 2927 | 60554  | 2.58% | 0.094% |
| 249 | 17.282 | 17.251 | 17.361 | VV | 464  | 18018  | 0.77% | 0.028% |
| 250 | 17.369 | 17.361 | 17.374 | PV | 65   | 346    | 0.01% | 0.001% |
| 251 | 17.439 | 17.374 | 17.464 | VV | 412  | 15069  | 0.64% | 0.023% |
| 252 | 17.551 | 17.464 | 17.600 | VV | 3619 | 100290 | 4.27% | 0.156% |
| 253 | 17.620 | 17.600 | 17.631 | VV | 667  | 10185  | 0.43% | 0.016% |
| 254 | 17.651 | 17.631 | 17.687 | VV | 633  | 15908  | 0.68% | 0.025% |
| 255 | 17.720 | 17.687 | 17.740 | VV | 693  | 16963  | 0.72% | 0.026% |
| 256 | 17.754 | 17.740 | 17.797 | VV | 548  | 11155  | 0.47% | 0.017% |
| 257 | 17.869 | 17.797 | 17.894 | PV | 264  | 9864   | 0.42% | 0.015% |
| 258 | 17.918 | 17.894 | 17.934 | VV | 231  | 4515   | 0.19% | 0.007% |
| 259 | 17.990 | 17.934 | 18.027 | VV | 2243 | 39940  | 1.70% | 0.062% |
| 260 | 18.083 | 18.027 | 18.100 | VV | 963  | 17979  | 0.77% | 0.028% |
| 261 | 18.128 | 18.100 | 18.151 | VV | 1169 | 24976  | 1.06% | 0.039% |
| 262 | 18.161 | 18.151 | 18.184 | VV | 701  | 11119  | 0.47% | 0.017% |
| 263 | 18.211 | 18.184 | 18.250 | VV | 469  | 11223  | 0.48% | 0.017% |
| 264 | 18.309 | 18.250 | 18.331 | PV | 1639 | 28906  | 1.23% | 0.045% |
| 265 | 18.414 | 18.331 | 18.441 | VV | 5102 | 109737 | 4.67% | 0.171% |
| 266 | 18.460 | 18.441 | 18.554 | VV | 1670 | 66440  | 2.83% | 0.104% |
| 267 | 18.641 | 18.554 | 18.654 | VV | 192  | 7374   | 0.31% | 0.011% |

Instrument :  
 FID\_E  
 ClientSampleId :  
 291431-E2DL

|     |        |        |        |    | rt   | Area  | Area% | Area% |
|-----|--------|--------|--------|----|------|-------|-------|-------|
| 268 | 18.708 | 18.654 | 18.758 | PV | 1140 | 31179 |       |       |
| 269 | 18.823 | 18.758 | 18.854 | VV | 2795 | 68853 |       |       |
| 270 | 18.925 | 18.854 | 18.944 | VV | 700  | 20657 |       |       |

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 06/26/2025

|     |        |        |        |    |      |         |         |        |
|-----|--------|--------|--------|----|------|---------|---------|--------|
| 271 | 18.965 | 18.944 | 18.981 | VV | 437  | 7121    | 0.30%   | 0.011% |
| 272 | 19.010 | 18.981 | 19.037 | VV | 339  | 6517    | 0.28%   | 0.010% |
| 273 | 19.134 | 19.037 | 19.152 | PV | 473  | 11563   | 0.49%   | 0.018% |
| 274 | 19.221 | 19.152 | 19.271 | VV | 4016 | 99406   | 4.23%   | 0.155% |
| 275 | 19.376 | 19.271 | 19.424 | VV | 1004 | 57073   | 2.43%   | 0.089% |
| 276 | 19.477 | 19.424 | 19.508 | VV | 1806 | 33765   | 1.44%   | 0.053% |
| 277 | 19.611 | 19.508 | 19.648 | VV | 1658 | 39365   | 1.68%   | 0.061% |
| 278 | 19.724 | 19.648 | 19.747 | PV | 997  | 30535   | 1.30%   | 0.048% |
| 279 | 19.987 | 19.747 | 20.011 | VV | 1379 | 47270   | 2.01%   | 0.074% |
| 280 | 20.354 | 20.011 | 20.376 | VV | 2904 | 214650  | 9.14%   | 0.335% |
| 281 | 21.079 | 20.376 | 21.101 | VV | 8435 | 2349672 | 100.00% | 3.664% |
| 282 | 22.285 | 22.156 | 22.322 | VV | 1500 | 172260  | 7.33%   | 0.269% |
| 283 | 22.336 | 22.322 | 22.374 | VV | 658  | 13289   | 0.57%   | 0.021% |

Sum of corrected areas: 64133878

Aliphatic EPH 061025.M Wed Jun 25 03:01:59 2025