

rteres

Instrument :

FID\_E

ClientSampleId :

7211935-295DL

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/01/2025

Supervised By :mohammad ahmed 08/01/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE07302  
Data File : FE055081.D  
Signal(s) : FID1B.ch  
Acq On : 30 Jul 2025 08:12  
Sample : Q2709-01DL 2X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 072625.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         | 2.846       | 2.804        | 2.886      | BV       | 197            | 2322         | 0.04%          | 0.002%        |
| 2         | 2.915       | 2.886        | 2.951      | VV       | 178            | 3131         | 0.05%          | 0.002%        |
| 3         | 2.972       | 2.951        | 2.984      | VV       | 142            | 1028         | 0.02%          | 0.001%        |
| 4         | 2.992       | 2.984        | 2.998      | PV       | 85             | 519          | 0.01%          | 0.000%        |
| 5         | 3.004       | 2.998        | 3.013      | VV       | 87             | 527          | 0.01%          | 0.000%        |
| 6         | 3.041       | 3.013        | 3.082      | PV       | 114            | 3372         | 0.05%          | 0.002%        |
| 7         | 3.113       | 3.082        | 3.133      | VV       | 160            | 3720         | 0.06%          | 0.003%        |
| 8         | 3.160       | 3.133        | 3.210      | VV       | 190            | 5602         | 0.09%          | 0.004%        |
| 9         | 3.248       | 3.210        | 3.261      | VV       | 224            | 4913         | 0.08%          | 0.003%        |
| 10        | 3.272       | 3.261        | 3.283      | VV       | 286            | 3028         | 0.05%          | 0.002%        |
| 11        | 3.314       | 3.283        | 3.371      | VV       | 260            | 11005        | 0.18%          | 0.007%        |
| 12        | 3.375       | 3.371        | 3.400      | VV       | 222            | 3148         | 0.05%          | 0.002%        |
| 13        | 3.424       | 3.400        | 3.511      | VV       | 367            | 13561        | 0.22%          | 0.009%        |
| 14        | 3.607       | 3.511        | 3.651      | VV       | 639            | 21035        | 0.34%          | 0.014%        |
| 15        | 3.662       | 3.651        | 3.708      | VV       | 251            | 7861         | 0.13%          | 0.005%        |
| 16        | 3.717       | 3.708        | 3.735      | VV       | 241            | 3578         | 0.06%          | 0.002%        |
| 17        | 3.804       | 3.735        | 3.842      | VV       | 444            | 18405        | 0.29%          | 0.012%        |
| 18        | 3.857       | 3.842        | 3.874      | VV       | 318            | 5464         | 0.09%          | 0.004%        |
| 19        | 3.894       | 3.874        | 3.923      | VV       | 2211           | 25591        | 0.41%          | 0.017%        |
| 20        | 3.931       | 3.923        | 3.986      | VV       | 264            | 9948         | 0.16%          | 0.007%        |
| 21        | 4.011       | 3.986        | 4.070      | VV       | 1783           | 25935        | 0.41%          | 0.018%        |
| 22        | 4.102       | 4.070        | 4.174      | VV       | 1129           | 24828        | 0.40%          | 0.017%        |
| 23        | 4.214       | 4.174        | 4.233      | VV       | 422            | 11353        | 0.18%          | 0.008%        |
| 24        | 4.247       | 4.233        | 4.261      | VV       | 369            | 5269         | 0.08%          | 0.004%        |
| 25        | 4.294       | 4.261        | 4.384      | VV       | 403            | 23734        | 0.38%          | 0.016%        |
| 26        | 4.408       | 4.384        | 4.438      | VV       | 473            | 12319        | 0.20%          | 0.008%        |
| 27        | 4.445       | 4.438        | 4.492      | VV       | 398            | 12079        | 0.19%          | 0.008%        |
| 28        | 4.501       | 4.492        | 4.552      | VV       | 381            | 13209        | 0.21%          | 0.009%        |
| 29        | 4.564       | 4.552        | 4.594      | VV       | 433            | 9471         | 0.15%          | 0.006%        |
| 30        | 4.600       | 4.594        | 4.651      | VV       | 411            | 11646        | 0.19%          | 0.008%        |
| 31        | 4.655       | 4.651        | 4.664      | VV       | 404            | 2590         | 0.04%          | 0.002%        |
| 32        | 4.682       | 4.664        | 4.743      | VV       | 561            | 17591        | 0.28%          | 0.012%        |
| 33        | 4.762       | 4.743        | 4.798      | VV       | 349            | 10504        | 0.17%          | 0.007%        |
| 34        | 4.808       | 4.798        | 4.837      | VV       | 389            | 7027         | 0.11%          | 0.005%        |
| 35        | 4.852       | 4.837        | 4.874      | VV       | 408            | 7407         | 0.12%          | 0.005%        |
| 36        | 4.887       | 4.874        | 4.897      | VV       | 325            | 4212         | 0.07%          | 0.003%        |

|    |       |       |       |    |        |       |       |        |
|----|-------|-------|-------|----|--------|-------|-------|--------|
|    |       |       |       |    | rteres |       |       |        |
| 37 | 4.935 | 4.897 | 4.941 | VV | 373    | 8888  | 0.14% | 0.006% |
| 38 | 4.958 | 4.941 | 5.040 | VV | 421    | 20858 |       |        |
| 39 | 5.052 | 5.040 | 5.068 | VV | 401    | 5887  |       |        |
| 40 | 5.089 | 5.068 | 5.094 | VV | 389    | 5617  |       |        |
| 41 | 5.103 | 5.094 | 5.138 | VV | 400    | 9382  |       |        |
| 42 | 5.157 | 5.138 | 5.198 | VV | 363    | 12450 |       |        |
| 43 | 5.217 | 5.198 | 5.234 | VV | 349    | 7080  | 0.11% | 0.005% |
| 44 | 5.260 | 5.234 | 5.291 | VV | 388    | 11039 | 0.18% | 0.007% |
| 45 | 5.299 | 5.291 | 5.314 | VV | 332    | 4071  | 0.07% | 0.003% |
| 46 | 5.348 | 5.314 | 5.386 | VV | 399    | 14111 | 0.23% | 0.010% |
| 47 | 5.441 | 5.386 | 5.464 | VV | 403    | 16050 | 0.26% | 0.011% |
| 48 | 5.506 | 5.464 | 5.522 | VV | 450    | 11387 | 0.18% | 0.008% |
| 49 | 5.552 | 5.522 | 5.561 | VV | 342    | 7255  | 0.12% | 0.005% |
| 50 | 5.568 | 5.561 | 5.590 | VV | 353    | 5288  | 0.08% | 0.004% |
| 51 | 5.630 | 5.590 | 5.683 | VV | 560    | 18436 | 0.29% | 0.012% |
| 52 | 5.718 | 5.683 | 5.728 | PV | 279    | 4353  | 0.07% | 0.003% |
| 53 | 5.752 | 5.728 | 5.791 | VV | 337    | 10368 | 0.17% | 0.007% |
| 54 | 5.823 | 5.791 | 5.843 | VV | 428    | 10296 | 0.16% | 0.007% |
| 55 | 5.863 | 5.843 | 5.917 | VV | 442    | 14584 | 0.23% | 0.010% |
| 56 | 5.940 | 5.917 | 5.987 | VV | 414    | 11901 | 0.19% | 0.008% |
| 57 | 6.006 | 5.987 | 6.051 | VV | 255    | 8158  | 0.13% | 0.006% |
| 58 | 6.079 | 6.051 | 6.114 | VV | 295    | 8247  | 0.13% | 0.006% |
| 59 | 6.172 | 6.114 | 6.180 | VV | 208    | 6288  | 0.10% | 0.004% |
| 60 | 6.194 | 6.180 | 6.238 | VV | 233    | 5318  | 0.08% | 0.004% |
| 61 | 6.269 | 6.238 | 6.294 | VV | 309    | 6894  | 0.11% | 0.005% |
| 62 | 6.304 | 6.294 | 6.325 | VV | 218    | 3086  | 0.05% | 0.002% |
| 63 | 6.341 | 6.325 | 6.350 | VV | 222    | 2553  | 0.04% | 0.002% |
| 64 | 6.406 | 6.350 | 6.471 | VV | 839    | 23685 | 0.38% | 0.016% |
| 65 | 6.484 | 6.471 | 6.534 | VV | 276    | 9081  | 0.15% | 0.006% |
| 66 | 6.565 | 6.534 | 6.628 | VV | 307    | 12115 | 0.19% | 0.008% |
| 67 | 6.640 | 6.628 | 6.671 | VV | 238    | 4914  | 0.08% | 0.003% |
| 68 | 6.698 | 6.671 | 6.773 | VV | 547    | 15219 | 0.24% | 0.010% |
| 69 | 6.797 | 6.773 | 6.834 | VV | 410    | 9146  | 0.15% | 0.006% |
| 70 | 6.858 | 6.834 | 6.891 | VV | 307    | 7246  | 0.12% | 0.005% |
| 71 | 6.897 | 6.891 | 6.905 | VV | 179    | 1434  | 0.02% | 0.001% |
| 72 | 6.936 | 6.905 | 6.966 | VV | 650    | 11474 | 0.18% | 0.008% |
| 73 | 6.997 | 6.966 | 7.068 | VV | 185    | 7184  | 0.11% | 0.005% |
| 74 | 7.079 | 7.068 | 7.101 | VV | 88     | 1314  | 0.02% | 0.001% |
| 75 | 7.147 | 7.101 | 7.161 | VV | 168    | 2388  | 0.04% | 0.002% |
| 76 | 7.177 | 7.161 | 7.211 | VV | 120    | 2279  | 0.04% | 0.002% |
| 77 | 7.229 | 7.211 | 7.238 | VV | 103    | 1193  | 0.02% | 0.001% |
| 78 | 7.271 | 7.238 | 7.308 | VV | 329    | 4824  | 0.08% | 0.003% |
| 79 | 7.344 | 7.308 | 7.388 | VV | 1002   | 19044 | 0.30% | 0.013% |
| 80 | 7.407 | 7.388 | 7.474 | VV | 339    | 10018 | 0.16% | 0.007% |
| 81 | 7.481 | 7.474 | 7.494 | VV | 97     | 1165  | 0.02% | 0.001% |
| 82 | 7.541 | 7.494 | 7.575 | VV | 354    | 7171  | 0.11% | 0.005% |
| 83 | 7.644 | 7.575 | 7.671 | PV | 168    | 4502  | 0.07% | 0.003% |
| 84 | 7.677 | 7.671 | 7.703 | VV | 132    | 1547  | 0.02% | 0.001% |
| 85 | 7.723 | 7.703 | 7.737 | VV | 209    | 2931  | 0.05% | 0.002% |
| 86 | 7.750 | 7.737 | 7.777 | VV | 254    | 3234  | 0.05% | 0.002% |
| 87 | 7.811 | 7.777 | 7.832 | PV | 248    | 4140  | 0.07% | 0.003% |
| 88 | 7.864 | 7.832 | 7.894 | VV | 289    | 5436  | 0.09% | 0.004% |
| 89 | 7.929 | 7.894 | 7.948 | PV | 178    | 3337  | 0.05% | 0.002% |

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|     |        |        |        |    |       |         |        |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
| 90  | 7.951  | 7.948  | 7.964  | VV | 165   | 948     | 0.02%  | 0.001% |
| 91  | 8.759  | 8.751  | 8.774  | VV | 601   | 7000    |        |        |
| 92  | 8.788  | 8.774  | 8.803  | VV | 698   | 10500   |        |        |
| 93  | 8.819  | 8.803  | 8.837  | VV | 667   | 11492   |        |        |
| 94  | 8.870  | 8.837  | 8.901  | VV | 2278  | 42138   |        |        |
| 95  | 8.930  | 8.901  | 8.942  | VV | 777   | 15504   |        |        |
| 96  | 8.974  | 8.942  | 8.991  | VV | 1154  | 25379   | 0.41%  | 0.017% |
| 97  | 9.100  | 9.079  | 9.124  | VV | 3043  | 61728   | 0.99%  | 0.042% |
| 98  | 9.136  | 9.124  | 9.151  | VV | 1757  | 25744   | 0.41%  | 0.017% |
| 99  | 9.170  | 9.151  | 9.192  | VV | 4873  | 78039   | 1.25%  | 0.053% |
| 100 | 9.209  | 9.192  | 9.218  | VV | 2823  | 39335   | 0.63%  | 0.027% |
| 101 | 9.235  | 9.218  | 9.261  | VV | 4902  | 83380   | 1.33%  | 0.056% |
| 102 | 9.291  | 9.261  | 9.303  | VV | 2238  | 54971   | 0.88%  | 0.037% |
| 103 | 9.344  | 9.303  | 9.357  | VV | 3337  | 88720   | 1.42%  | 0.060% |
| 104 | 9.392  | 9.357  | 9.407  | VV | 3450  | 96805   | 1.55%  | 0.066% |
| 105 | 9.457  | 9.407  | 9.494  | VV | 5212  | 218409  | 3.49%  | 0.148% |
| 106 | 9.524  | 9.494  | 9.538  | VV | 4112  | 101806  | 1.63%  | 0.069% |
| 107 | 9.556  | 9.538  | 9.564  | VV | 4147  | 62423   | 1.00%  | 0.042% |
| 108 | 9.579  | 9.564  | 9.589  | VV | 4672  | 67589   | 1.08%  | 0.046% |
| 109 | 9.624  | 9.589  | 9.652  | VV | 5757  | 189537  | 3.03%  | 0.128% |
| 110 | 9.696  | 9.652  | 9.709  | VV | 5497  | 174465  | 2.79%  | 0.118% |
| 111 | 9.752  | 9.709  | 9.762  | VV | 7129  | 193142  | 3.08%  | 0.131% |
| 112 | 9.768  | 9.762  | 9.804  | VV | 6778  | 168529  | 2.69%  | 0.114% |
| 113 | 9.853  | 9.804  | 9.877  | VV | 10456 | 364134  | 5.81%  | 0.247% |
| 114 | 9.934  | 9.877  | 9.967  | VV | 16224 | 569503  | 9.09%  | 0.386% |
| 115 | 10.016 | 9.967  | 10.054 | VV | 11927 | 539042  | 8.61%  | 0.365% |
| 116 | 10.075 | 10.054 | 10.086 | VV | 11530 | 211387  | 3.38%  | 0.143% |
| 117 | 10.104 | 10.086 | 10.123 | VV | 11574 | 247190  | 3.95%  | 0.167% |
| 118 | 10.139 | 10.123 | 10.152 | VV | 12102 | 202704  | 3.24%  | 0.137% |
| 119 | 10.187 | 10.152 | 10.234 | VV | 36338 | 863047  | 13.78% | 0.585% |
| 120 | 10.291 | 10.234 | 10.305 | VV | 14393 | 581880  | 9.29%  | 0.394% |
| 121 | 10.332 | 10.305 | 10.358 | VV | 15171 | 458645  | 7.32%  | 0.311% |
| 122 | 10.372 | 10.358 | 10.391 | VV | 15487 | 305273  | 4.87%  | 0.207% |
| 123 | 10.418 | 10.391 | 10.438 | VV | 16981 | 462409  | 7.38%  | 0.313% |
| 124 | 10.451 | 10.438 | 10.468 | VV | 16672 | 295216  | 4.71%  | 0.200% |
| 125 | 10.492 | 10.468 | 10.505 | VV | 18412 | 389643  | 6.22%  | 0.264% |
| 126 | 10.519 | 10.505 | 10.534 | VV | 19104 | 322786  | 5.15%  | 0.219% |
| 127 | 10.558 | 10.534 | 10.572 | VV | 19667 | 441678  | 7.05%  | 0.299% |
| 128 | 10.596 | 10.572 | 10.614 | VV | 21146 | 510449  | 8.15%  | 0.346% |
| 129 | 10.641 | 10.614 | 10.649 | VV | 22087 | 449095  | 7.17%  | 0.304% |
| 130 | 10.667 | 10.649 | 10.686 | VV | 24175 | 511403  | 8.17%  | 0.346% |
| 131 | 10.714 | 10.686 | 10.732 | VV | 25880 | 652090  | 10.41% | 0.442% |
| 132 | 10.749 | 10.732 | 10.767 | VV | 25929 | 537733  | 8.59%  | 0.364% |
| 133 | 10.776 | 10.767 | 10.787 | VV | 25786 | 293141  | 4.68%  | 0.199% |
| 134 | 10.806 | 10.787 | 10.823 | VV | 26806 | 570081  | 9.10%  | 0.386% |
| 135 | 10.863 | 10.823 | 10.887 | VV | 29086 | 1046442 | 16.71% | 0.709% |
| 136 | 10.952 | 10.887 | 10.965 | VV | 30569 | 1331031 | 21.26% | 0.902% |
| 137 | 10.987 | 10.965 | 11.010 | VV | 31066 | 827531  | 13.21% | 0.561% |
| 138 | 11.065 | 11.010 | 11.074 | VV | 32881 | 1196158 | 19.10% | 0.810% |
| 139 | 11.129 | 11.074 | 11.154 | VV | 37544 | 1694648 | 27.06% | 1.148% |
| 140 | 11.169 | 11.154 | 11.184 | VV | 37567 | 676429  | 10.80% | 0.458% |
| 141 | 11.203 | 11.184 | 11.224 | VV | 37055 | 871462  | 13.92% | 0.590% |

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|     |        |        |        |    |        |         |         |        |
|-----|--------|--------|--------|----|--------|---------|---------|--------|
|     |        |        |        |    |        |         |         |        |
|     |        |        |        |    | rters  |         |         |        |
| 142 | 11.265 | 11.224 | 11.283 | VV | 39274  | 1301655 | 20.79%  | 0.882% |
| 143 | 11.304 | 11.283 | 11.322 | VV | 41197  | 933332  | 14.79%  | 0.882% |
| 144 | 11.336 | 11.322 | 11.372 | VV | 42202  | 1195675 | 19.79%  | 0.882% |
| 145 | 11.397 | 11.372 | 11.427 | VV | 42296  | 1346955 | 23.79%  | 0.882% |
|     |        |        |        |    |        |         |         |        |
| 146 | 11.446 | 11.427 | 11.467 | VV | 43110  | 1012844 | 16.79%  | 0.779% |
| 147 | 11.491 | 11.467 | 11.519 | VV | 44783  | 1366510 | 21.79%  | 0.779% |
| 148 | 11.549 | 11.519 | 11.561 | VV | 48949  | 1149465 | 18.36%  | 0.779% |
| 149 | 11.605 | 11.561 | 11.682 | VV | 49106  | 3476539 | 55.52%  | 2.355% |
| 150 | 11.742 | 11.682 | 11.787 | VV | 51446  | 3134251 | 50.05%  | 2.123% |
|     |        |        |        |    |        |         |         |        |
| 151 | 11.799 | 11.787 | 11.821 | VV | 50183  | 983053  | 15.70%  | 0.666% |
| 152 | 11.854 | 11.821 | 11.874 | VV | 58659  | 1705753 | 27.24%  | 1.155% |
| 153 | 11.887 | 11.874 | 11.911 | VV | 51718  | 1119524 | 17.88%  | 0.758% |
| 154 | 11.925 | 11.911 | 11.947 | VV | 51376  | 1100954 | 17.58%  | 0.746% |
| 155 | 11.959 | 11.947 | 11.973 | VV | 51351  | 783410  | 12.51%  | 0.531% |
|     |        |        |        |    |        |         |         |        |
| 156 | 12.008 | 11.973 | 12.040 | VV | 53904  | 2131993 | 34.05%  | 1.444% |
| 157 | 12.093 | 12.040 | 12.122 | VV | 382130 | 6262089 | 100.00% | 4.241% |
| 158 | 12.145 | 12.122 | 12.173 | VV | 60326  | 1741930 | 27.82%  | 1.180% |
| 159 | 12.185 | 12.173 | 12.208 | VV | 57812  | 1187873 | 18.97%  | 0.805% |
| 160 | 12.244 | 12.208 | 12.259 | VV | 60462  | 1803019 | 28.79%  | 1.221% |
|     |        |        |        |    |        |         |         |        |
| 161 | 12.285 | 12.259 | 12.301 | VV | 63764  | 1523964 | 24.34%  | 1.032% |
| 162 | 12.314 | 12.301 | 12.328 | VV | 60381  | 929867  | 14.85%  | 0.630% |
| 163 | 12.345 | 12.328 | 12.381 | VV | 58938  | 1842400 | 29.42%  | 1.248% |
| 164 | 12.401 | 12.381 | 12.438 | VV | 64603  | 2081844 | 33.25%  | 1.410% |
| 165 | 12.454 | 12.438 | 12.491 | VV | 60256  | 1845801 | 29.48%  | 1.250% |
|     |        |        |        |    |        |         |         |        |
| 166 | 12.562 | 12.491 | 12.583 | VV | 60269  | 3193089 | 50.99%  | 2.163% |
| 167 | 12.594 | 12.583 | 12.624 | VV | 59355  | 1425840 | 22.77%  | 0.966% |
| 168 | 12.683 | 12.624 | 12.730 | VV | 81850  | 3953095 | 63.13%  | 2.678% |
| 169 | 12.754 | 12.730 | 12.797 | VV | 61637  | 2396307 | 38.27%  | 1.623% |
| 170 | 12.828 | 12.797 | 12.837 | VV | 58742  | 1368301 | 21.85%  | 0.927% |
|     |        |        |        |    |        |         |         |        |
| 171 | 12.850 | 12.837 | 12.901 | VV | 59048  | 2178759 | 34.79%  | 1.476% |
| 172 | 12.933 | 12.901 | 12.981 | VV | 57819  | 2679269 | 42.79%  | 1.815% |
| 173 | 13.004 | 12.981 | 13.020 | VV | 55577  | 1272008 | 20.31%  | 0.862% |
| 174 | 13.042 | 13.020 | 13.061 | VV | 56588  | 1353859 | 21.62%  | 0.917% |
| 175 | 13.077 | 13.061 | 13.123 | VV | 55057  | 1997187 | 31.89%  | 1.353% |
|     |        |        |        |    |        |         |         |        |
| 176 | 13.139 | 13.123 | 13.181 | VV | 55525  | 1857456 | 29.66%  | 1.258% |
| 177 | 13.207 | 13.181 | 13.265 | VV | 55269  | 2641893 | 42.19%  | 1.789% |
| 178 | 13.281 | 13.265 | 13.290 | VV | 50336  | 749137  | 11.96%  | 0.507% |
| 179 | 13.306 | 13.290 | 13.331 | VV | 51269  | 1217166 | 19.44%  | 0.824% |
| 180 | 13.356 | 13.331 | 13.378 | VV | 50427  | 1373347 | 21.93%  | 0.930% |
|     |        |        |        |    |        |         |         |        |
| 181 | 13.411 | 13.378 | 13.429 | VV | 49577  | 1498712 | 23.93%  | 1.015% |
| 182 | 13.447 | 13.429 | 13.473 | VV | 48492  | 1236809 | 19.75%  | 0.838% |
| 183 | 13.529 | 13.473 | 13.564 | VV | 289577 | 5462322 | 87.23%  | 3.700% |
| 184 | 13.576 | 13.564 | 13.624 | VV | 47196  | 1649610 | 26.34%  | 1.117% |
| 185 | 13.713 | 13.677 | 13.737 | VV | 46226  | 1586225 | 25.33%  | 1.074% |
|     |        |        |        |    |        |         |         |        |
| 186 | 13.752 | 13.737 | 13.773 | VV | 45642  | 979018  | 15.63%  | 0.663% |
| 187 | 13.785 | 13.773 | 13.814 | VV | 44099  | 1035712 | 16.54%  | 0.702% |
| 188 | 13.825 | 13.814 | 13.865 | VV | 41996  | 1300287 | 20.76%  | 0.881% |
| 189 | 13.922 | 13.898 | 14.002 | VV | 45289  | 2570700 | 41.05%  | 1.741% |
| 190 | 14.011 | 14.002 | 14.019 | VV | 40325  | 415320  | 6.63%   | 0.281% |
|     |        |        |        |    |        |         |         |        |
| 191 | 14.025 | 14.019 | 14.067 | VV | 39904  | 1098365 | 17.54%  | 0.744% |
| 192 | 14.092 | 14.067 | 14.127 | VV | 38643  | 1352249 | 21.59%  | 0.916% |
| 193 | 14.142 | 14.127 | 14.189 | VV | 37299  | 1362935 | 21.76%  | 0.923% |
| 194 | 14.200 | 14.189 | 14.221 | VV | 36066  | 679286  | 10.85%  | 0.460% |

Instrument :

FID\_E

ClientSampleId :

7211935-295DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/01/2025

Supervised By :mohammad ahmed 08/01/2025

Instrument :

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|     |        |        |        |    |       |         |        |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
| 195 | 14.231 | 14.221 | 14.264 | VV | 35277 | 881521  | 14.08% | 0.597% |
| 196 | 14.281 | 14.264 | 14.328 | VV | 35252 | 1319718 |        |        |
| 197 | 14.346 | 14.328 | 14.387 | VV | 34215 | 1157456 |        |        |
| 198 | 14.405 | 14.387 | 14.415 | VV | 32131 | 534947  |        |        |
| 199 | 14.422 | 14.415 | 14.443 | VV | 32144 | 535626  |        |        |
| 200 | 14.457 | 14.443 | 14.482 | VV | 31612 | 739826  |        |        |
| 201 | 14.517 | 14.482 | 14.546 | VV | 32609 | 1173323 | 18.74% | 0.795% |
| 202 | 14.572 | 14.546 | 14.648 | VV | 30581 | 1738830 | 27.77% | 1.178% |
| 203 | 14.656 | 14.648 | 14.661 | VV | 27563 | 212793  | 3.40%  | 0.144% |
| 204 | 14.674 | 14.661 | 14.699 | VV | 27612 | 621404  | 9.92%  | 0.421% |
| 205 | 14.715 | 14.699 | 14.738 | VV | 26811 | 605074  | 9.66%  | 0.410% |
| 206 | 14.761 | 14.738 | 14.783 | VV | 25329 | 669878  | 10.70% | 0.454% |
| 207 | 14.806 | 14.783 | 14.826 | VV | 26031 | 647721  | 10.34% | 0.439% |
| 208 | 14.847 | 14.826 | 14.871 | VV | 24892 | 644814  | 10.30% | 0.437% |
| 209 | 14.924 | 14.871 | 14.946 | VV | 23537 | 1035693 | 16.54% | 0.701% |
| 210 | 14.971 | 14.946 | 15.088 | VV | 23210 | 1781566 | 28.45% | 1.207% |
| 211 | 15.114 | 15.088 | 15.178 | VV | 20402 | 1003313 | 16.02% | 0.680% |
| 212 | 15.199 | 15.178 | 15.263 | VV | 19247 | 875959  | 13.99% | 0.593% |
| 213 | 15.277 | 15.263 | 15.324 | VV | 16485 | 577635  | 9.22%  | 0.391% |
| 214 | 15.340 | 15.324 | 15.363 | VV | 15831 | 345591  | 5.52%  | 0.234% |
| 215 | 15.388 | 15.363 | 15.409 | VV | 16952 | 430190  | 6.87%  | 0.291% |
| 216 | 15.429 | 15.409 | 15.448 | VV | 15363 | 333857  | 5.33%  | 0.226% |
| 217 | 15.457 | 15.448 | 15.518 | VV | 13911 | 541308  | 8.64%  | 0.367% |
| 218 | 15.537 | 15.518 | 15.628 | VV | 14785 | 772360  | 12.33% | 0.523% |
| 219 | 15.641 | 15.628 | 15.680 | VV | 10553 | 315715  | 5.04%  | 0.214% |
| 220 | 15.699 | 15.680 | 15.715 | VV | 9601  | 197413  | 3.15%  | 0.134% |
| 221 | 15.723 | 15.715 | 15.745 | VV | 9344  | 157756  | 2.52%  | 0.107% |
| 222 | 15.772 | 15.745 | 15.859 | VV | 22580 | 785499  | 12.54% | 0.532% |
| 223 | 15.868 | 15.859 | 15.886 | VV | 8252  | 127433  | 2.03%  | 0.086% |
| 224 | 15.909 | 15.886 | 15.977 | VV | 9877  | 423789  | 6.77%  | 0.287% |
| 225 | 15.993 | 15.977 | 16.038 | VV | 7848  | 232259  | 3.71%  | 0.157% |
| 226 | 16.061 | 16.038 | 16.118 | VV | 5966  | 244053  | 3.90%  | 0.165% |
| 227 | 16.138 | 16.118 | 16.184 | VV | 4633  | 178600  | 2.85%  | 0.121% |
| 228 | 16.190 | 16.184 | 16.207 | VV | 4464  | 61027   | 0.97%  | 0.041% |
| 229 | 16.227 | 16.207 | 16.284 | VV | 4830  | 189770  | 3.03%  | 0.129% |
| 230 | 16.292 | 16.284 | 16.346 | VV | 3994  | 127814  | 2.04%  | 0.087% |
| 231 | 16.370 | 16.346 | 16.383 | VV | 3087  | 65806   | 1.05%  | 0.045% |
| 232 | 16.412 | 16.383 | 16.433 | VV | 5190  | 109599  | 1.75%  | 0.074% |
| 233 | 16.440 | 16.433 | 16.463 | VV | 2965  | 49380   | 0.79%  | 0.033% |
| 234 | 16.473 | 16.463 | 16.500 | VV | 2753  | 51633   | 0.82%  | 0.035% |
| 235 | 16.518 | 16.500 | 16.552 | VV | 2040  | 57618   | 0.92%  | 0.039% |
| 236 | 16.562 | 16.552 | 16.597 | VV | 1667  | 42653   | 0.68%  | 0.029% |
| 237 | 16.618 | 16.597 | 16.675 | VV | 2269  | 78212   | 1.25%  | 0.053% |
| 238 | 16.723 | 16.675 | 16.759 | VV | 1878  | 66292   | 1.06%  | 0.045% |
| 239 | 16.791 | 16.759 | 16.833 | VV | 5471  | 119220  | 1.90%  | 0.081% |
| 240 | 16.896 | 16.833 | 16.945 | VV | 4900  | 127195  | 2.03%  | 0.086% |
| 241 | 16.979 | 16.945 | 17.008 | VV | 3715  | 65230   | 1.04%  | 0.044% |
| 242 | 17.032 | 17.008 | 17.080 | VV | 1182  | 38896   | 0.62%  | 0.026% |
| 243 | 17.099 | 17.080 | 17.134 | VV | 962   | 25896   | 0.41%  | 0.018% |
| 244 | 17.143 | 17.134 | 17.168 | VV | 780   | 13264   | 0.21%  | 0.009% |
| 245 | 17.191 | 17.168 | 17.205 | VV | 1054  | 17636   | 0.28%  | 0.012% |
| 246 | 17.232 | 17.205 | 17.254 | VV | 1202  | 28000   | 0.45%  | 0.019% |

|                         |        |        |        |       |       |           |        |        |
|-------------------------|--------|--------|--------|-------|-------|-----------|--------|--------|
|                         |        |        |        | rters |       |           |        |        |
| 247                     | 17.285 | 17.254 | 17.310 | VV    | 1093  | 25596     | 0.41%  | 0.017% |
| 248                     | 17.364 | 17.310 | 17.388 | VV    | 6341  | 104282    |        |        |
| 249                     | 17.413 | 17.388 | 17.467 | VV    | 5566  | 104644    |        |        |
| 250                     | 17.492 | 17.467 | 17.538 | VV    | 578   | 14465     |        |        |
| 251                     | 17.631 | 17.538 | 17.664 | PV    | 1122  | 40306     |        |        |
| 252                     | 17.736 | 17.664 | 17.784 | PV    | 2607  | 79623     |        |        |
| 253                     | 17.814 | 17.784 | 17.848 | VV    | 12301 | 183821    | 2.94%  | 0.125% |
| 254                     | 17.901 | 17.848 | 17.921 | VV    | 1123  | 30639     | 0.49%  | 0.021% |
| 255                     | 17.947 | 17.921 | 17.978 | VV    | 995   | 21812     | 0.35%  | 0.015% |
| 256                     | 18.002 | 17.978 | 18.024 | VV    | 395   | 7581      | 0.12%  | 0.005% |
| 257                     | 18.041 | 18.024 | 18.076 | VV    | 467   | 6669      | 0.11%  | 0.005% |
| 258                     | 18.099 | 18.076 | 18.112 | PV    | 347   | 3937      | 0.06%  | 0.003% |
| 259                     | 18.135 | 18.112 | 18.144 | VV    | 231   | 2825      | 0.05%  | 0.002% |
| 260                     | 18.210 | 18.144 | 18.224 | VV    | 1225  | 24815     | 0.40%  | 0.017% |
| 261                     | 18.253 | 18.224 | 18.301 | VV    | 12659 | 180149    | 2.88%  | 0.122% |
| 262                     | 18.343 | 18.301 | 18.372 | VV    | 3549  | 55475     | 0.89%  | 0.038% |
| 263                     | 18.422 | 18.372 | 18.434 | VV    | 1418  | 30062     | 0.48%  | 0.020% |
| 264                     | 18.451 | 18.434 | 18.478 | VV    | 1479  | 30308     | 0.48%  | 0.021% |
| 265                     | 18.500 | 18.478 | 18.519 | VV    | 1476  | 28732     | 0.46%  | 0.019% |
| 266                     | 18.530 | 18.519 | 18.546 | VV    | 1182  | 17156     | 0.27%  | 0.012% |
| 267                     | 18.619 | 18.546 | 18.648 | VV    | 8091  | 243639    | 3.89%  | 0.165% |
| 268                     | 18.677 | 18.648 | 18.714 | VV    | 19365 | 328634    | 5.25%  | 0.223% |
| 269                     | 18.785 | 18.714 | 18.821 | VV    | 4103  | 195838    | 3.13%  | 0.133% |
| 270                     | 18.825 | 18.821 | 18.831 | VV    | 3296  | 19246     | 0.31%  | 0.013% |
| 271                     | 18.945 | 18.831 | 18.961 | VV    | 5208  | 321878    | 5.14%  | 0.218% |
| 272                     | 18.993 | 18.961 | 19.010 | VV    | 5412  | 154705    | 2.47%  | 0.105% |
| 273                     | 19.089 | 19.010 | 19.144 | VV    | 22826 | 715054    | 11.42% | 0.484% |
| 274                     | 19.188 | 19.144 | 19.238 | VV    | 11617 | 473007    | 7.55%  | 0.320% |
| 275                     | 19.347 | 19.238 | 19.358 | VV    | 9302  | 607108    | 9.69%  | 0.411% |
| 276                     | 19.388 | 19.358 | 19.406 | VV    | 9684  | 271626    | 4.34%  | 0.184% |
| 277                     | 19.486 | 19.406 | 19.534 | VV    | 26357 | 1127215   | 18.00% | 0.763% |
| 278                     | 19.586 | 19.534 | 19.607 | VV    | 12789 | 519098    | 8.29%  | 0.352% |
| 279                     | 19.639 | 19.607 | 19.657 | VV    | 13676 | 388855    | 6.21%  | 0.263% |
| 280                     | 19.689 | 19.657 | 19.710 | VV    | 14209 | 432730    | 6.91%  | 0.293% |
| 281                     | 19.736 | 19.710 | 19.755 | VV    | 14208 | 366788    | 5.86%  | 0.248% |
| 282                     | 19.789 | 19.755 | 19.815 | VV    | 14576 | 517465    | 8.26%  | 0.350% |
| 283                     | 19.874 | 19.815 | 19.903 | VV    | 28386 | 962297    | 15.37% | 0.652% |
| 284                     | 19.951 | 19.903 | 19.968 | VV    | 19814 | 671879    | 10.73% | 0.455% |
| 285                     | 19.987 | 19.968 | 20.014 | VV    | 19025 | 512677    | 8.19%  | 0.347% |
| 286                     | 20.068 | 20.014 | 20.081 | VV    | 20524 | 782605    | 12.50% | 0.530% |
| Sum of corrected areas: |        |        |        |       |       | 147640872 |        |        |

Instrument :

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 08/01/2025

Supervised By :mohammad ahmed 08/01/2025

Aliphatic EPH 072625.M Wed Jul 30 12:17:12 2025