

rteres

Instrument :

FID\_E

ClientSampleId :

TR-05-09162025

Area Percent Report

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2025

Supervised By :mohammad ahmed 09/19/2025

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE09172  
Data File : FE055877.D  
Signal(s) : FID1B.ch  
Acq On : 17 Sep 2025 16:39  
Sample : Q3115-01D  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 082925.M  
Title : GC Extractables

Signal : FID1B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 2.829       | 2.804        | 2.871      | PV       | 614            | 10974        | 0.15%          | 0.010%        |
| 2         | 2.900       | 2.871        | 2.927      | PV       | 217            | 3591         | 0.05%          | 0.003%        |
| 3         | 2.946       | 2.927        | 3.000      | VV       | 195            | 4430         | 0.06%          | 0.004%        |
| 4         | 3.045       | 3.000        | 3.088      | PV       | 315            | 8594         | 0.12%          | 0.008%        |
| 5         | 3.099       | 3.088        | 3.128      | VV       | 346            | 4835         | 0.07%          | 0.004%        |
| 6         | 3.144       | 3.128        | 3.161      | VV       | 203            | 2694         | 0.04%          | 0.002%        |
| 7         | 3.190       | 3.161        | 3.206      | VV       | 456            | 7515         | 0.10%          | 0.007%        |
| 8         | 3.220       | 3.206        | 3.236      | VV       | 271            | 3080         | 0.04%          | 0.003%        |
| 9         | 3.254       | 3.236        | 3.353      | VV       | 414            | 16282        | 0.22%          | 0.015%        |
| 10        | 3.370       | 3.353        | 3.388      | VV       | 223            | 3070         | 0.04%          | 0.003%        |
| 11        | 3.428       | 3.388        | 3.447      | VV       | 494            | 11925        | 0.16%          | 0.011%        |
| 12        | 3.466       | 3.447        | 3.508      | VV       | 245            | 3697         | 0.05%          | 0.003%        |
| 13        | 3.524       | 3.508        | 3.537      | PV       | 204            | 2484         | 0.03%          | 0.002%        |
| 14        | 3.555       | 3.537        | 3.570      | VV       | 410            | 5521         | 0.08%          | 0.005%        |
| 15        | 3.589       | 3.570        | 3.634      | VV       | 363            | 9874         | 0.13%          | 0.009%        |
| 16        | 3.640       | 3.634        | 3.677      | VV       | 250            | 4655         | 0.06%          | 0.004%        |
| 17        | 3.696       | 3.677        | 3.708      | VV       | 275            | 2934         | 0.04%          | 0.003%        |
| 18        | 3.727       | 3.708        | 3.766      | VV       | 781            | 12901        | 0.18%          | 0.012%        |
| 19        | 3.805       | 3.766        | 3.817      | VV       | 249            | 5225         | 0.07%          | 0.005%        |
| 20        | 3.880       | 3.817        | 3.908      | VV       | 4499           | 62226        | 0.85%          | 0.057%        |
| 21        | 3.942       | 3.908        | 3.976      | VV       | 598            | 15225        | 0.21%          | 0.014%        |
| 22        | 3.997       | 3.976        | 4.038      | VV       | 3805           | 48428        | 0.66%          | 0.045%        |
| 23        | 4.051       | 4.038        | 4.075      | VV       | 629            | 8102         | 0.11%          | 0.007%        |
| 24        | 4.099       | 4.075        | 4.161      | VV       | 1189           | 31499        | 0.43%          | 0.029%        |
| 25        | 4.205       | 4.161        | 4.222      | PV       | 1441           | 20421        | 0.28%          | 0.019%        |
| 26        | 4.235       | 4.222        | 4.261      | VV       | 779            | 14405        | 0.20%          | 0.013%        |
| 27        | 4.277       | 4.261        | 4.301      | VV       | 888            | 17406        | 0.24%          | 0.016%        |
| 28        | 4.313       | 4.301        | 4.360      | VV       | 970            | 15636        | 0.21%          | 0.014%        |
| 29        | 4.392       | 4.360        | 4.402      | VV       | 1758           | 21760        | 0.30%          | 0.020%        |
| 30        | 4.410       | 4.402        | 4.424      | VV       | 1502           | 15011        | 0.20%          | 0.014%        |
| 31        | 4.440       | 4.424        | 4.469      | VV       | 1673           | 26024        | 0.35%          | 0.024%        |
| 32        | 4.483       | 4.469        | 4.494      | VV       | 640            | 7186         | 0.10%          | 0.007%        |
| 33        | 4.504       | 4.494        | 4.528      | VV       | 446            | 4588         | 0.06%          | 0.004%        |
| 34        | 4.563       | 4.528        | 4.585      | PV       | 895            | 14468        | 0.20%          | 0.013%        |
| 35        | 4.610       | 4.585        | 4.638      | VV       | 1361           | 19605        | 0.27%          | 0.018%        |
| 36        | 4.667       | 4.638        | 4.688      | VV       | 1838           | 26571        | 0.36%          | 0.024%        |

|    |       |       |       |    | rters |        |       |        |
|----|-------|-------|-------|----|-------|--------|-------|--------|
| 37 | 4.709 | 4.688 | 4.727 | VV | 2202  | 23508  | 0.32% | 0.022% |
| 38 | 4.745 | 4.727 | 4.764 | VV | 1351  | 16336  |       |        |
| 39 | 4.779 | 4.764 | 4.809 | VV | 652   | 9555   |       |        |
| 40 | 4.834 | 4.809 | 4.867 | VV | 973   | 21623  |       |        |
| 41 | 4.885 | 4.867 | 4.936 | VV | 1237  | 28987  |       |        |
| 42 | 4.952 | 4.936 | 4.964 | VV | 1230  | 11932  |       |        |
| 43 | 4.979 | 4.964 | 4.995 | VV | 2037  | 21388  | 0.29% | 0.020% |
| 44 | 5.014 | 4.995 | 5.025 | VV | 1460  | 19550  | 0.27% | 0.018% |
| 45 | 5.036 | 5.025 | 5.048 | VV | 1480  | 16096  | 0.22% | 0.015% |
| 46 | 5.059 | 5.048 | 5.068 | VV | 1144  | 11667  | 0.16% | 0.011% |
| 47 | 5.087 | 5.068 | 5.103 | VV | 3253  | 39906  | 0.54% | 0.037% |
| 48 | 5.129 | 5.103 | 5.152 | VV | 2701  | 50575  | 0.69% | 0.047% |
| 49 | 5.185 | 5.152 | 5.228 | VV | 5096  | 97435  | 1.33% | 0.090% |
| 50 | 5.251 | 5.228 | 5.269 | VV | 2639  | 31245  | 0.43% | 0.029% |
| 51 | 5.284 | 5.269 | 5.305 | VV | 1048  | 13280  | 0.18% | 0.012% |
| 52 | 5.378 | 5.305 | 5.408 | PV | 3141  | 71796  | 0.98% | 0.066% |
| 53 | 5.430 | 5.408 | 5.443 | VV | 2470  | 30441  | 0.41% | 0.028% |
| 54 | 5.459 | 5.443 | 5.476 | VV | 5081  | 55702  | 0.76% | 0.051% |
| 55 | 5.490 | 5.476 | 5.532 | VV | 1867  | 35681  | 0.49% | 0.033% |
| 56 | 5.546 | 5.532 | 5.568 | PV | 458   | 6298   | 0.09% | 0.006% |
| 57 | 5.590 | 5.568 | 5.604 | VV | 2674  | 32459  | 0.44% | 0.030% |
| 58 | 5.615 | 5.604 | 5.641 | VV | 2302  | 32332  | 0.44% | 0.030% |
| 59 | 5.662 | 5.641 | 5.676 | VV | 4127  | 55609  | 0.76% | 0.051% |
| 60 | 5.688 | 5.676 | 5.706 | VV | 4301  | 49361  | 0.67% | 0.045% |
| 61 | 5.718 | 5.706 | 5.730 | VV | 1717  | 21076  | 0.29% | 0.019% |
| 62 | 5.752 | 5.730 | 5.772 | VV | 2836  | 41786  | 0.57% | 0.039% |
| 63 | 5.809 | 5.772 | 5.818 | VV | 7951  | 88994  | 1.21% | 0.082% |
| 64 | 5.829 | 5.818 | 5.861 | VV | 9399  | 140953 | 1.92% | 0.130% |
| 65 | 5.880 | 5.861 | 5.916 | VV | 1792  | 35097  | 0.48% | 0.032% |
| 66 | 5.939 | 5.916 | 5.976 | VV | 1347  | 26979  | 0.37% | 0.025% |
| 67 | 6.000 | 5.976 | 6.025 | VV | 8568  | 112999 | 1.54% | 0.104% |
| 68 | 6.035 | 6.025 | 6.059 | VV | 2620  | 32505  | 0.44% | 0.030% |
| 69 | 6.106 | 6.059 | 6.151 | VV | 8584  | 205401 | 2.80% | 0.189% |
| 70 | 6.162 | 6.151 | 6.183 | VV | 3566  | 45785  | 0.62% | 0.042% |
| 71 | 6.203 | 6.183 | 6.265 | VV | 11390 | 194693 | 2.65% | 0.179% |
| 72 | 6.290 | 6.265 | 6.312 | VV | 5257  | 77487  | 1.05% | 0.071% |
| 73 | 6.343 | 6.312 | 6.368 | VV | 5707  | 114315 | 1.56% | 0.105% |
| 74 | 6.389 | 6.368 | 6.407 | VV | 4240  | 64954  | 0.88% | 0.060% |
| 75 | 6.425 | 6.407 | 6.461 | VV | 4758  | 104835 | 1.43% | 0.097% |
| 76 | 6.485 | 6.461 | 6.507 | VV | 4078  | 66104  | 0.90% | 0.061% |
| 77 | 6.530 | 6.507 | 6.559 | VV | 7544  | 154478 | 2.10% | 0.142% |
| 78 | 6.575 | 6.559 | 6.601 | VV | 6006  | 109197 | 1.49% | 0.101% |
| 79 | 6.617 | 6.601 | 6.647 | VV | 7257  | 121447 | 1.65% | 0.112% |
| 80 | 6.671 | 6.647 | 6.695 | VV | 6661  | 127689 | 1.74% | 0.118% |
| 81 | 6.717 | 6.695 | 6.732 | VV | 3192  | 53851  | 0.73% | 0.050% |
| 82 | 6.774 | 6.732 | 6.805 | VV | 12613 | 234600 | 3.19% | 0.216% |
| 83 | 6.843 | 6.805 | 6.895 | VV | 10599 | 261385 | 3.56% | 0.241% |
| 84 | 6.933 | 6.895 | 6.946 | VV | 3949  | 81168  | 1.10% | 0.075% |
| 85 | 6.962 | 6.946 | 6.981 | VV | 5322  | 89812  | 1.22% | 0.083% |
| 86 | 6.996 | 6.981 | 7.029 | VV | 7326  | 132964 | 1.81% | 0.123% |
| 87 | 7.047 | 7.029 | 7.064 | VV | 7036  | 95506  | 1.30% | 0.088% |
| 88 | 7.073 | 7.064 | 7.084 | VV | 2762  | 29123  | 0.40% | 0.027% |
| 89 | 7.131 | 7.084 | 7.152 | VV | 10401 | 194764 | 2.65% | 0.179% |

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|     |       |       |       |    |       |        |       |        |
|-----|-------|-------|-------|----|-------|--------|-------|--------|
| 90  | 7.191 | 7.152 | 7.223 | VV | 5303  | 140083 | 1.91% | 0.129% |
| 91  | 7.257 | 7.223 | 7.282 | VV | 25228 | 326524 |       |        |
| 92  | 7.295 | 7.282 | 7.308 | VV | 4186  | 51837  |       |        |
| 93  | 7.328 | 7.308 | 7.346 | VV | 6172  | 99630  |       |        |
| 94  | 7.380 | 7.346 | 7.401 | VV | 8757  | 180969 |       |        |
| 95  | 7.422 | 7.401 | 7.449 | VV | 11880 | 182967 |       |        |
| 96  | 7.493 | 7.449 | 7.548 | VV | 17431 | 403749 | 5.50% | 0.372% |
| 97  | 7.569 | 7.548 | 7.610 | VV | 11601 | 227977 | 3.10% | 0.210% |
| 98  | 7.631 | 7.610 | 7.654 | VV | 7333  | 140299 | 1.91% | 0.129% |
| 99  | 7.670 | 7.654 | 7.688 | VV | 5378  | 80193  | 1.09% | 0.074% |
| 100 | 7.702 | 7.688 | 7.718 | VV | 3593  | 56498  | 0.77% | 0.052% |
| 101 | 7.728 | 7.718 | 7.735 | VV | 3249  | 33042  | 0.45% | 0.030% |
| 102 | 7.778 | 7.735 | 7.822 | VV | 24336 | 630689 | 8.58% | 0.581% |
| 103 | 7.838 | 7.822 | 7.857 | VV | 9322  | 140161 | 1.91% | 0.129% |
| 104 | 7.871 | 7.857 | 7.909 | VV | 6467  | 151066 | 2.06% | 0.139% |
| 105 | 7.924 | 7.909 | 7.941 | VV | 2864  | 51703  | 0.70% | 0.048% |
| 106 | 7.974 | 7.941 | 7.986 | VV | 14055 | 196136 | 2.67% | 0.181% |
| 107 | 7.993 | 7.986 | 8.013 | VV | 10597 | 119519 | 1.63% | 0.110% |
| 108 | 8.029 | 8.013 | 8.048 | VV | 6616  | 91363  | 1.24% | 0.084% |
| 109 | 8.073 | 8.048 | 8.084 | VV | 4838  | 72833  | 0.99% | 0.067% |
| 110 | 8.188 | 8.177 | 8.211 | VV | 6360  | 114199 | 1.55% | 0.105% |
| 111 | 8.235 | 8.211 | 8.266 | VV | 9036  | 226834 | 3.09% | 0.209% |
| 112 | 8.281 | 8.266 | 8.299 | VV | 7213  | 117681 | 1.60% | 0.108% |
| 113 | 8.322 | 8.299 | 8.345 | VV | 8537  | 151298 | 2.06% | 0.139% |
| 114 | 8.372 | 8.345 | 8.390 | VV | 8422  | 150731 | 2.05% | 0.139% |
| 115 | 8.415 | 8.390 | 8.468 | VV | 15705 | 397680 | 5.41% | 0.366% |
| 116 | 8.497 | 8.468 | 8.541 | VV | 14250 | 305399 | 4.16% | 0.281% |
| 117 | 8.560 | 8.541 | 8.574 | VV | 4653  | 83289  | 1.13% | 0.077% |
| 118 | 8.611 | 8.574 | 8.624 | VV | 8727  | 213816 | 2.91% | 0.197% |
| 119 | 8.638 | 8.624 | 8.651 | VV | 8836  | 117065 | 1.59% | 0.108% |
| 120 | 8.678 | 8.651 | 8.713 | VV | 30326 | 517639 | 7.05% | 0.477% |
| 121 | 8.724 | 8.713 | 8.744 | VV | 7946  | 112235 | 1.53% | 0.103% |
| 122 | 8.792 | 8.744 | 8.814 | VV | 8369  | 248757 | 3.39% | 0.229% |
| 123 | 8.850 | 8.814 | 8.863 | VV | 11243 | 193301 | 2.63% | 0.178% |
| 124 | 8.874 | 8.863 | 8.888 | VV | 8665  | 97857  | 1.33% | 0.090% |
| 125 | 8.910 | 8.888 | 8.946 | VV | 12154 | 232573 | 3.17% | 0.214% |
| 126 | 9.085 | 9.073 | 9.096 | VV | 8940  | 116090 | 1.58% | 0.107% |
| 127 | 9.100 | 9.096 | 9.117 | VV | 8417  | 98568  | 1.34% | 0.091% |
| 128 | 9.147 | 9.117 | 9.198 | VV | 10264 | 372880 | 5.08% | 0.344% |
| 129 | 9.220 | 9.198 | 9.246 | VV | 20133 | 316508 | 4.31% | 0.292% |
| 130 | 9.272 | 9.246 | 9.287 | VV | 6340  | 122196 | 1.66% | 0.113% |
| 131 | 9.302 | 9.287 | 9.319 | VV | 5297  | 96810  | 1.32% | 0.089% |
| 132 | 9.338 | 9.319 | 9.360 | VV | 7468  | 141312 | 1.92% | 0.130% |
| 133 | 9.374 | 9.360 | 9.397 | VV | 6198  | 115414 | 1.57% | 0.106% |
| 134 | 9.414 | 9.397 | 9.428 | VV | 4898  | 83370  | 1.13% | 0.077% |
| 135 | 9.456 | 9.428 | 9.475 | VV | 6188  | 146844 | 2.00% | 0.135% |
| 136 | 9.510 | 9.475 | 9.537 | VV | 38583 | 521739 | 7.10% | 0.481% |
| 137 | 9.552 | 9.537 | 9.579 | VV | 6873  | 135635 | 1.85% | 0.125% |
| 138 | 9.595 | 9.579 | 9.630 | VV | 5563  | 134303 | 1.83% | 0.124% |
| 139 | 9.667 | 9.630 | 9.687 | VV | 5424  | 137748 | 1.87% | 0.127% |
| 140 | 9.718 | 9.687 | 9.731 | VV | 4167  | 98293  | 1.34% | 0.091% |
| 141 | 9.748 | 9.731 | 9.778 | VV | 5859  | 118012 | 1.61% | 0.109% |

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1.91% 0.129%

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| rterres |        |        |        |    |        |         | rterres |        |
|---------|--------|--------|--------|----|--------|---------|---------|--------|
| 142     | 9.804  | 9.778  | 9.824  | VV | 6582   | 129772  | 1.77%   | 0.120% |
| 143     | 9.845  | 9.824  | 9.863  | VV | 4304   | 88801   |         |        |
| 144     | 9.889  | 9.863  | 9.944  | VV | 10270  | 279892  |         |        |
| 145     | 9.971  | 9.944  | 9.999  | VV | 8951   | 200709  |         |        |
| 146     | 10.017 | 9.999  | 10.036 | VV | 6886   | 112829  |         |        |
| 147     | 10.072 | 10.036 | 10.104 | VV | 7456   | 190460  |         |        |
| 148     | 10.129 | 10.104 | 10.144 | VV | 4028   | 78443   | 1.07%   | 0.072% |
| 149     | 10.168 | 10.144 | 10.201 | VV | 44390  | 556635  | 7.58%   | 0.513% |
| 150     | 10.211 | 10.201 | 10.224 | VV | 5492   | 72197   | 0.98%   | 0.067% |
| 151     | 10.252 | 10.224 | 10.274 | VV | 6627   | 167999  | 2.29%   | 0.155% |
| 152     | 10.294 | 10.274 | 10.347 | VV | 40213  | 543813  | 7.40%   | 0.501% |
| 153     | 10.399 | 10.347 | 10.448 | VV | 3603   | 164474  | 2.24%   | 0.152% |
| 154     | 10.475 | 10.448 | 10.535 | VV | 3798   | 121745  | 1.66%   | 0.112% |
| 155     | 10.546 | 10.535 | 10.553 | VV | 1968   | 20962   | 0.29%   | 0.019% |
| 156     | 10.573 | 10.553 | 10.593 | VV | 3029   | 53175   | 0.72%   | 0.049% |
| 157     | 10.642 | 10.593 | 10.662 | VV | 11653  | 198626  | 2.70%   | 0.183% |
| 158     | 10.686 | 10.662 | 10.716 | VV | 18254  | 291073  | 3.96%   | 0.268% |
| 159     | 10.740 | 10.716 | 10.757 | VV | 5278   | 102392  | 1.39%   | 0.094% |
| 160     | 10.774 | 10.757 | 10.801 | VV | 7231   | 118364  | 1.61%   | 0.109% |
| 161     | 10.828 | 10.801 | 10.864 | VV | 7301   | 144818  | 1.97%   | 0.133% |
| 162     | 10.887 | 10.864 | 10.926 | VV | 2718   | 82379   | 1.12%   | 0.076% |
| 163     | 10.957 | 10.926 | 10.982 | VV | 4502   | 121017  | 1.65%   | 0.112% |
| 164     | 10.990 | 10.982 | 11.003 | VV | 2834   | 35982   | 0.49%   | 0.033% |
| 165     | 11.037 | 11.003 | 11.079 | VV | 40758  | 561033  | 7.64%   | 0.517% |
| 166     | 11.110 | 11.079 | 11.148 | VV | 23790  | 400006  | 5.44%   | 0.369% |
| 167     | 11.158 | 11.148 | 11.191 | VV | 3511   | 73239   | 1.00%   | 0.067% |
| 168     | 11.208 | 11.191 | 11.226 | VV | 2053   | 35759   | 0.49%   | 0.033% |
| 169     | 11.258 | 11.226 | 11.272 | VV | 2349   | 56923   | 0.77%   | 0.052% |
| 170     | 11.306 | 11.272 | 11.340 | VV | 5681   | 139142  | 1.89%   | 0.128% |
| 171     | 11.379 | 11.340 | 11.400 | VV | 7622   | 166927  | 2.27%   | 0.154% |
| 172     | 11.433 | 11.400 | 11.474 | VV | 6239   | 170485  | 2.32%   | 0.157% |
| 173     | 11.494 | 11.474 | 11.529 | VV | 4728   | 88992   | 1.21%   | 0.082% |
| 174     | 11.547 | 11.529 | 11.586 | VV | 4020   | 71891   | 0.98%   | 0.066% |
| 175     | 11.610 | 11.586 | 11.631 | VV | 2494   | 45529   | 0.62%   | 0.042% |
| 176     | 11.673 | 11.631 | 11.689 | VV | 2869   | 68965   | 0.94%   | 0.064% |
| 177     | 11.744 | 11.689 | 11.768 | VV | 37865  | 498367  | 6.78%   | 0.459% |
| 178     | 11.776 | 11.768 | 11.806 | VV | 2774   | 55907   | 0.76%   | 0.052% |
| 179     | 11.835 | 11.806 | 11.883 | VV | 15747  | 255065  | 3.47%   | 0.235% |
| 180     | 11.903 | 11.883 | 11.924 | VV | 1874   | 30022   | 0.41%   | 0.028% |
| 181     | 11.942 | 11.924 | 11.971 | VV | 1779   | 31055   | 0.42%   | 0.029% |
| 182     | 12.008 | 11.971 | 12.019 | VV | 2010   | 45367   | 0.62%   | 0.042% |
| 183     | 12.073 | 12.019 | 12.123 | VV | 662770 | 7347131 | 100.00% | 6.770% |
| 184     | 12.143 | 12.123 | 12.164 | VV | 5813   | 92443   | 1.26%   | 0.085% |
| 185     | 12.179 | 12.164 | 12.210 | VV | 3313   | 62251   | 0.85%   | 0.057% |
| 186     | 12.229 | 12.210 | 12.247 | VV | 4110   | 58741   | 0.80%   | 0.054% |
| 187     | 12.261 | 12.247 | 12.278 | VV | 2511   | 31257   | 0.43%   | 0.029% |
| 188     | 12.297 | 12.278 | 12.333 | VV | 2555   | 45767   | 0.62%   | 0.042% |
| 189     | 12.352 | 12.333 | 12.366 | VV | 1088   | 16388   | 0.22%   | 0.015% |
| 190     | 12.416 | 12.366 | 12.448 | VV | 32756  | 469426  | 6.39%   | 0.433% |
| 191     | 12.458 | 12.448 | 12.494 | VV | 1740   | 41905   | 0.57%   | 0.039% |
| 192     | 12.514 | 12.494 | 12.591 | VV | 2029   | 56381   | 0.77%   | 0.052% |
| 193     | 12.617 | 12.591 | 12.631 | PV | 966    | 12041   | 0.16%   | 0.011% |
| 194     | 12.661 | 12.631 | 12.714 | VV | 17560  | 243044  | 3.31%   | 0.224% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 195 | 12.724 | 12.714 | 12.741 | VV | 1915   | 24111   | 0.33%  | 0.022% |
| 196 | 12.757 | 12.741 | 12.774 | VV | 1881   | 26106   |        |        |
| 197 | 12.795 | 12.774 | 12.815 | VV | 3132   | 53006   |        |        |
| 198 | 12.831 | 12.815 | 12.862 | VV | 3607   | 54604   |        |        |
| 199 | 12.882 | 12.862 | 12.957 | VV | 2363   | 64916   |        |        |
| 200 | 12.983 | 12.957 | 12.999 | VV | 1799   | 30998   |        |        |
| 201 | 13.016 | 12.999 | 13.033 | VV | 2804   | 40798   | 0.56%  | 0.038% |
| 202 | 13.058 | 13.033 | 13.106 | VV | 29195  | 380669  | 5.18%  | 0.351% |
| 203 | 13.134 | 13.106 | 13.171 | VV | 9144   | 150169  | 2.04%  | 0.138% |
| 204 | 13.181 | 13.171 | 13.197 | VV | 802    | 9976    | 0.14%  | 0.009% |
| 205 | 13.207 | 13.197 | 13.223 | VV | 740    | 6961    | 0.09%  | 0.006% |
| 206 | 13.235 | 13.223 | 13.243 | VV | 241    | 1792    | 0.02%  | 0.002% |
| 207 | 13.261 | 13.243 | 13.270 | PV | 520    | 5217    | 0.07%  | 0.005% |
| 208 | 13.319 | 13.270 | 13.366 | VV | 2094   | 67791   | 0.92%  | 0.062% |
| 209 | 13.382 | 13.366 | 13.401 | VV | 1588   | 20196   | 0.27%  | 0.019% |
| 210 | 13.435 | 13.401 | 13.472 | VV | 8560   | 155326  | 2.11%  | 0.143% |
| 211 | 13.510 | 13.472 | 13.542 | VV | 481807 | 5624164 | 76.55% | 5.183% |
| 212 | 13.553 | 13.542 | 13.593 | VV | 3902   | 78517   | 1.07%  | 0.072% |
| 213 | 13.612 | 13.593 | 13.648 | VV | 1789   | 40918   | 0.56%  | 0.038% |
| 214 | 13.673 | 13.648 | 13.700 | VV | 20750  | 263340  | 3.58%  | 0.243% |
| 215 | 13.720 | 13.700 | 13.752 | VV | 2239   | 57538   | 0.78%  | 0.053% |
| 216 | 13.765 | 13.752 | 13.814 | VV | 2135   | 46187   | 0.63%  | 0.043% |
| 217 | 13.855 | 13.814 | 13.871 | VV | 1263   | 25699   | 0.35%  | 0.024% |
| 218 | 13.905 | 13.871 | 13.931 | VV | 3220   | 65211   | 0.89%  | 0.060% |
| 219 | 13.950 | 13.931 | 13.968 | VV | 1938   | 35084   | 0.48%  | 0.032% |
| 220 | 13.982 | 13.968 | 14.001 | VV | 1517   | 24784   | 0.34%  | 0.023% |
| 221 | 14.025 | 14.001 | 14.044 | VV | 2876   | 49102   | 0.67%  | 0.045% |
| 222 | 14.059 | 14.044 | 14.081 | VV | 2002   | 36933   | 0.50%  | 0.034% |
| 223 | 14.102 | 14.081 | 14.121 | VV | 2755   | 49059   | 0.67%  | 0.045% |
| 224 | 14.141 | 14.121 | 14.159 | VV | 1912   | 36660   | 0.50%  | 0.034% |
| 225 | 14.176 | 14.159 | 14.197 | VV | 2768   | 48789   | 0.66%  | 0.045% |
| 226 | 14.212 | 14.197 | 14.234 | VV | 2237   | 39927   | 0.54%  | 0.037% |
| 227 | 14.261 | 14.234 | 14.333 | VV | 16196  | 286094  | 3.89%  | 0.264% |
| 228 | 14.347 | 14.333 | 14.370 | VV | 2198   | 31309   | 0.43%  | 0.029% |
| 229 | 14.393 | 14.370 | 14.438 | VV | 1482   | 34206   | 0.47%  | 0.032% |
| 230 | 14.488 | 14.438 | 14.521 | PV | 2286   | 54783   | 0.75%  | 0.050% |
| 231 | 14.529 | 14.521 | 14.540 | VV | 685    | 6119    | 0.08%  | 0.006% |
| 232 | 14.555 | 14.540 | 14.574 | VV | 607    | 10654   | 0.15%  | 0.010% |
| 233 | 14.594 | 14.574 | 14.610 | VV | 448    | 7178    | 0.10%  | 0.007% |
| 234 | 14.633 | 14.610 | 14.643 | VV | 1174   | 15784   | 0.21%  | 0.015% |
| 235 | 14.683 | 14.643 | 14.718 | VV | 1960   | 58424   | 0.80%  | 0.054% |
| 236 | 14.761 | 14.718 | 14.802 | VV | 2009   | 60466   | 0.82%  | 0.056% |
| 237 | 14.826 | 14.802 | 14.851 | VV | 10449  | 128581  | 1.75%  | 0.118% |
| 238 | 14.892 | 14.851 | 14.925 | VV | 2330   | 61988   | 0.84%  | 0.057% |
| 239 | 14.951 | 14.925 | 14.987 | VV | 2027   | 41235   | 0.56%  | 0.038% |
| 240 | 15.009 | 14.987 | 15.026 | PV | 1464   | 19899   | 0.27%  | 0.018% |
| 241 | 15.051 | 15.026 | 15.063 | VV | 913    | 17892   | 0.24%  | 0.016% |
| 242 | 15.078 | 15.063 | 15.095 | VV | 999    | 15775   | 0.21%  | 0.015% |
| 243 | 15.103 | 15.095 | 15.116 | VV | 734    | 9005    | 0.12%  | 0.008% |
| 244 | 15.128 | 15.116 | 15.155 | VV | 1077   | 16138   | 0.22%  | 0.015% |
| 245 | 15.174 | 15.155 | 15.190 | PV | 791    | 10045   | 0.14%  | 0.009% |
| 246 | 15.225 | 15.190 | 15.243 | VV | 1254   | 20205   | 0.28%  | 0.019% |

Instrument :

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 09/18/2025

Supervised By :mohammad ahmed 09/19/2025

| rteres |        |        |        |    |       |        |       |        |  |
|--------|--------|--------|--------|----|-------|--------|-------|--------|--|
| 247    | 15.261 | 15.243 | 15.283 | VV | 744   | 13035  | 0.18% | 0.012% |  |
| 248    | 15.323 | 15.283 | 15.343 | VV | 5694  | 97596  |       |        |  |
| 249    | 15.366 | 15.343 | 15.398 | VV | 13496 | 195588 |       |        |  |
| 250    | 15.416 | 15.398 | 15.437 | VV | 2706  | 37751  |       |        |  |
| 251    | 15.477 | 15.437 | 15.497 | VV | 1701  | 45383  |       |        |  |
| 252    | 15.518 | 15.497 | 15.540 | VV | 1219  | 27443  |       |        |  |
| 253    | 15.563 | 15.540 | 15.601 | VV | 1340  | 26042  | 0.35% | 0.024% |  |
| 254    | 15.636 | 15.601 | 15.658 | PV | 1264  | 27710  | 0.38% | 0.026% |  |
| 255    | 15.705 | 15.658 | 15.724 | VV | 807   | 17964  | 0.24% | 0.017% |  |
| 256    | 15.753 | 15.724 | 15.825 | PV | 18595 | 376502 | 5.12% | 0.347% |  |
| 257    | 15.837 | 15.825 | 15.859 | VV | 898   | 12032  | 0.16% | 0.011% |  |
| 258    | 15.890 | 15.859 | 15.931 | VV | 7138  | 122948 | 1.67% | 0.113% |  |
| 259    | 15.973 | 15.931 | 15.989 | VV | 4665  | 69074  | 0.94% | 0.064% |  |
| 260    | 15.997 | 15.989 | 16.018 | VV | 2513  | 26191  | 0.36% | 0.024% |  |
| 261    | 16.036 | 16.018 | 16.061 | VV | 1614  | 23157  | 0.32% | 0.021% |  |
| 262    | 16.160 | 16.061 | 16.178 | PV | 1730  | 32867  | 0.45% | 0.030% |  |
| 263    | 16.194 | 16.178 | 16.220 | VV | 953   | 16243  | 0.22% | 0.015% |  |
| 264    | 16.256 | 16.220 | 16.270 | VV | 1109  | 20401  | 0.28% | 0.019% |  |
| 265    | 16.288 | 16.270 | 16.307 | VV | 1279  | 20885  | 0.28% | 0.019% |  |
| 266    | 16.353 | 16.307 | 16.371 | VV | 1432  | 41201  | 0.56% | 0.038% |  |
| 267    | 16.391 | 16.371 | 16.416 | VV | 7123  | 103035 | 1.40% | 0.095% |  |
| 268    | 16.438 | 16.416 | 16.497 | VV | 2292  | 61894  | 0.84% | 0.057% |  |
| 269    | 16.528 | 16.497 | 16.545 | VV | 763   | 13097  | 0.18% | 0.012% |  |
| 270    | 16.606 | 16.545 | 16.624 | PV | 1645  | 42630  | 0.58% | 0.039% |  |
| 271    | 16.700 | 16.624 | 16.727 | PV | 2149  | 49119  | 0.67% | 0.045% |  |
| 272    | 16.792 | 16.727 | 16.826 | VV | 2189  | 73879  | 1.01% | 0.068% |  |
| 273    | 16.882 | 16.826 | 16.941 | PV | 12676 | 278787 | 3.79% | 0.257% |  |
| 274    | 16.961 | 16.941 | 16.971 | VV | 1914  | 25561  | 0.35% | 0.024% |  |
| 275    | 17.027 | 16.971 | 17.054 | VV | 2506  | 85698  | 1.17% | 0.079% |  |
| 276    | 17.075 | 17.054 | 17.084 | VV | 1812  | 27604  | 0.38% | 0.025% |  |
| 277    | 17.103 | 17.084 | 17.136 | VV | 2151  | 36888  | 0.50% | 0.034% |  |
| 278    | 17.212 | 17.136 | 17.249 | PV | 4795  | 119947 | 1.63% | 0.111% |  |
| 279    | 17.270 | 17.249 | 17.297 | VV | 6117  | 80414  | 1.09% | 0.074% |  |
| 280    | 17.344 | 17.297 | 17.365 | VV | 12323 | 192177 | 2.62% | 0.177% |  |
| 281    | 17.384 | 17.365 | 17.405 | VV | 4872  | 82834  | 1.13% | 0.076% |  |
| 282    | 17.419 | 17.405 | 17.454 | VV | 2678  | 57508  | 0.78% | 0.053% |  |
| 283    | 17.465 | 17.454 | 17.475 | VV | 1634  | 16016  | 0.22% | 0.015% |  |
| 284    | 17.539 | 17.475 | 17.548 | VV | 2366  | 79097  | 1.08% | 0.073% |  |
| 285    | 17.584 | 17.548 | 17.594 | VV | 3091  | 71908  | 0.98% | 0.066% |  |
| 286    | 17.610 | 17.594 | 17.640 | VV | 3999  | 85480  | 1.16% | 0.079% |  |
| 287    | 17.678 | 17.640 | 17.708 | VV | 6063  | 143648 | 1.96% | 0.132% |  |
| 288    | 17.722 | 17.708 | 17.731 | VV | 3100  | 41683  | 0.57% | 0.038% |  |
| 289    | 17.755 | 17.731 | 17.763 | VV | 3909  | 60018  | 0.82% | 0.055% |  |
| 290    | 17.795 | 17.763 | 17.822 | VV | 16608 | 293852 | 4.00% | 0.271% |  |
| 291    | 17.847 | 17.822 | 17.871 | VV | 3152  | 62950  | 0.86% | 0.058% |  |
| 292    | 17.880 | 17.871 | 17.899 | VV | 3039  | 35227  | 0.48% | 0.032% |  |
| 293    | 17.926 | 17.899 | 17.957 | VV | 4441  | 81310  | 1.11% | 0.075% |  |
| 294    | 17.987 | 17.957 | 18.028 | PV | 2934  | 63728  | 0.87% | 0.059% |  |
| 295    | 18.079 | 18.028 | 18.099 | VV | 1987  | 51980  | 0.71% | 0.048% |  |
| 296    | 18.160 | 18.099 | 18.175 | VV | 4149  | 107211 | 1.46% | 0.099% |  |
| 297    | 18.235 | 18.175 | 18.285 | VV | 22689 | 492472 | 6.70% | 0.454% |  |
| 298    | 18.328 | 18.285 | 18.344 | VV | 4782  | 119953 | 1.63% | 0.111% |  |
| 299    | 18.399 | 18.344 | 18.474 | VV | 14056 | 541899 | 7.38% | 0.499% |  |

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|     |        |        |        |    |       |         |        |        |
|-----|--------|--------|--------|----|-------|---------|--------|--------|
| 300 | 18.502 | 18.474 | 18.522 | VV | 6016  | 141179  | 1.92%  | 0.130% |
| 301 | 18.605 | 18.522 | 18.623 | VV | 13969 | 509502  |        |        |
| 302 | 18.657 | 18.623 | 18.708 | VV | 32297 | 974042  |        |        |
| 303 | 18.727 | 18.708 | 18.739 | VV | 9881  | 173754  |        |        |
| 304 | 18.768 | 18.739 | 18.822 | VV | 17129 | 587280  |        |        |
| 305 | 18.831 | 18.822 | 18.844 | VV | 9198  | 111730  |        |        |
| 306 | 18.901 | 18.844 | 18.931 | VV | 21484 | 664954  | 9.05%  | 0.613% |
| 307 | 18.941 | 18.931 | 18.967 | VV | 10929 | 216214  | 2.94%  | 0.199% |
| 308 | 18.986 | 18.967 | 19.015 | VV | 9129  | 249364  | 3.39%  | 0.230% |
| 309 | 19.070 | 19.015 | 19.113 | VV | 34406 | 957627  | 13.03% | 0.882% |
| 310 | 19.193 | 19.113 | 19.218 | VV | 19661 | 892584  | 12.15% | 0.823% |
| 311 | 19.241 | 19.218 | 19.264 | VV | 19877 | 461510  | 6.28%  | 0.425% |
| 312 | 19.273 | 19.264 | 19.304 | VV | 14870 | 322498  | 4.39%  | 0.297% |
| 313 | 19.362 | 19.304 | 19.384 | VV | 16184 | 718019  | 9.77%  | 0.662% |
| 314 | 19.406 | 19.384 | 19.414 | VV | 18786 | 306263  | 4.17%  | 0.282% |
| 315 | 19.468 | 19.414 | 19.498 | VV | 36436 | 1194422 | 16.26% | 1.101% |
| 316 | 19.519 | 19.498 | 19.542 | VV | 24143 | 548895  | 7.47%  | 0.506% |
| 317 | 19.592 | 19.542 | 19.638 | VV | 25092 | 1215887 | 16.55% | 1.120% |
| 318 | 19.667 | 19.638 | 19.681 | VV | 22755 | 548647  | 7.47%  | 0.506% |
| 319 | 19.701 | 19.681 | 19.735 | VV | 23564 | 724561  | 9.86%  | 0.668% |
| 320 | 19.763 | 19.735 | 19.796 | VV | 24173 | 820896  | 11.17% | 0.756% |
| 321 | 19.855 | 19.796 | 19.877 | VV | 43228 | 1391961 | 18.95% | 1.283% |
| 322 | 19.904 | 19.877 | 19.936 | VV | 34304 | 1056707 | 14.38% | 0.974% |
| 323 | 19.965 | 19.936 | 19.976 | VV | 33265 | 736408  | 10.02% | 0.679% |
| 324 | 19.995 | 19.976 | 20.029 | VV | 33728 | 1019883 | 13.88% | 0.940% |
| 325 | 20.039 | 20.029 | 20.071 | VV | 34124 | 819008  | 11.15% | 0.755% |
| 326 | 20.097 | 20.071 | 20.109 | VV | 33420 | 729865  | 9.93%  | 0.673% |
| 327 | 20.232 | 20.109 | 20.262 | VV | 56125 | 3530031 | 48.05% | 3.253% |
| 328 | 20.299 | 20.262 | 20.311 | VV | 45840 | 1278624 | 17.40% | 1.178% |
| 329 | 20.344 | 20.311 | 20.361 | VV | 44485 | 1290244 | 17.56% | 1.189% |
| 330 | 20.411 | 20.361 | 20.447 | VV | 43855 | 2175364 | 29.61% | 2.005% |
| 331 | 20.530 | 20.447 | 20.556 | VV | 53826 | 3001283 | 40.85% | 2.766% |
| 332 | 20.599 | 20.556 | 20.641 | VV | 64157 | 2765388 | 37.64% | 2.548% |
| 333 | 20.688 | 20.641 | 20.711 | VV | 57721 | 2274800 | 30.96% | 2.096% |
| 334 | 20.721 | 20.711 | 20.736 | VV | 56634 | 838169  | 11.41% | 0.772% |
| 335 | 20.760 | 20.736 | 20.813 | VV | 61018 | 2609221 | 35.51% | 2.404% |
| 336 | 20.829 | 20.813 | 20.892 | VV | 55026 | 2397772 | 32.64% | 2.210% |
| 337 | 20.965 | 20.892 | 20.991 | VV | 58645 | 2969172 | 40.41% | 2.736% |
| 338 | 21.042 | 20.991 | 21.067 | VV | 53445 | 2253826 | 30.68% | 2.077% |
| 339 | 21.094 | 21.067 | 21.174 | VV | 52115 | 2969145 | 40.41% | 2.736% |
| 340 | 21.185 | 21.174 | 21.224 | VV | 41824 | 1238183 | 16.85% | 1.141% |
| 341 | 21.233 | 21.224 | 21.257 | VV | 41985 | 793628  | 10.80% | 0.731% |
| 342 | 21.281 | 21.257 | 21.297 | VV | 40619 | 938583  | 12.77% | 0.865% |
| 343 | 21.375 | 21.297 | 21.438 | VV | 47848 | 3404781 | 46.34% | 3.137% |
| 344 | 21.445 | 21.438 | 21.464 | VV | 35507 | 550614  | 7.49%  | 0.507% |
| 345 | 21.477 | 21.464 | 21.515 | VV | 34785 | 996499  | 13.56% | 0.918% |
| 346 | 21.521 | 21.515 | 21.531 | VV | 32884 | 313516  | 4.27%  | 0.289% |
| 347 | 21.543 | 21.531 | 21.557 | VV | 31930 | 478693  | 6.52%  | 0.441% |
| 348 | 21.567 | 21.557 | 21.604 | VV | 31136 | 823596  | 11.21% | 0.759% |
| 349 | 21.615 | 21.604 | 21.637 | VV | 29451 | 575459  | 7.83%  | 0.530% |
| 350 | 21.649 | 21.637 | 21.658 | VV | 30973 | 357571  | 4.87%  | 0.329% |
| 351 | 21.668 | 21.658 | 21.768 | VV | 29784 | 1744303 | 23.74% | 1.607% |

Instrument :

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Supervised By :mohammad ahmed 09/19/2025

|                         |        |        |        |    |           |         |               |
|-------------------------|--------|--------|--------|----|-----------|---------|---------------|
| rteres                  |        |        |        |    |           |         |               |
| 352                     | 21.779 | 21.768 | 21.791 | VV | 23699     | 316673  | 4.31% 0.292%  |
| 353                     | 21.842 | 21.791 | 21.874 | VV | 31047     | 1258500 | 17.55% 0.292% |
| 354                     | 21.883 | 21.874 | 21.911 | VV | 21789     | 431057  | 5.55% 0.292%  |
| 355                     | 21.942 | 21.911 | 22.024 | VV | 18742     | 1178555 | 16.05% 0.292% |
| 356                     | 22.050 | 22.024 | 22.064 | VV | 16456     | 369035  | 5.55% 0.292%  |
| 357                     | 22.076 | 22.064 | 22.094 | VV | 15889     | 274006  | 3.50% 0.237%  |
| 358                     | 22.101 | 22.094 | 22.125 | VV | 15058     | 256804  | 3.40% 0.230%  |
| 359                     | 22.134 | 22.125 | 22.160 | VV | 12729     | 249551  | 4.01% 0.272%  |
| 360                     | 22.173 | 22.160 | 22.204 | VV | 12872     | 294750  | 4.82% 0.327%  |
| 361                     | 22.217 | 22.204 | 22.291 | VV | 10446     | 354494  | 0.69% 0.047%  |
| 362                     | 22.300 | 22.291 | 22.311 | VV | 5433      | 50950   | 5.26% 0.356%  |
| 363                     | 22.366 | 22.311 | 22.408 | VV | 11094     | 386257  | 1.24% 0.084%  |
| 364                     | 22.424 | 22.408 | 22.454 | VV | 5187      | 90758   |               |
| Sum of corrected areas: |        |        |        |    | 108520233 |         |               |

Instrument :  
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Aliphatic EPH 082925.M Thu Sep 18 02:12:39 2025