

rters

Instrument :

FID\_C

ClientSampleId :

OS-DRUM-COMP-EPH-2

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC04282  
Data File : FC059517.D  
Signal(s) : FID1A.CH  
Acq On : 28 Apr 2022 19:37  
Sample : N2598-02  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Reviewed By :Yogesh Patel 04/29/2022  
Supervised By :mohammad ahmed 04/29/2022

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 042122.M  
Title : GC Extractables

Signal : FID1A.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         | 3.121       | 3.103        | 3.135      | PV       | 1327           | 14058        | 0.07%          | 0.001%        |
| 2         | 3.148       | 3.135        | 3.164      | VV       | 1299           | 12766        | 0.07%          | 0.001%        |
| 3         | 3.175       | 3.164        | 3.187      | VV       | 678            | 5000         | 0.03%          | 0.000%        |
| 4         | 3.204       | 3.187        | 3.215      | PV       | 3063           | 27235        | 0.14%          | 0.002%        |
| 5         | 3.224       | 3.215        | 3.241      | VV       | 2357           | 21109        | 0.11%          | 0.001%        |
| 6         | 3.270       | 3.241        | 3.294      | VV       | 2296           | 33365        | 0.17%          | 0.002%        |
| 7         | 3.315       | 3.294        | 3.343      | VV       | 6312           | 78360        | 0.41%          | 0.005%        |
| 8         | 3.359       | 3.343        | 3.367      | VV       | 3845           | 36843        | 0.19%          | 0.002%        |
| 9         | 3.381       | 3.367        | 3.406      | VV       | 5917           | 73859        | 0.39%          | 0.005%        |
| 10        | 3.422       | 3.406        | 3.432      | VV       | 1302           | 15385        | 0.08%          | 0.001%        |
| 11        | 3.462       | 3.432        | 3.492      | VV       | 2972           | 43971        | 0.23%          | 0.003%        |
| 12        | 3.521       | 3.492        | 3.562      | PV       | 5633           | 110330       | 0.58%          | 0.007%        |
| 13        | 3.603       | 3.562        | 3.620      | VV       | 20226          | 232255       | 1.22%          | 0.015%        |
| 14        | 3.640       | 3.620        | 3.661      | VV       | 11007          | 182237       | 0.96%          | 0.012%        |
| 15        | 3.685       | 3.661        | 3.717      | VV       | 310839         | 2882773      | 15.12%         | 0.190%        |
| 16        | 3.729       | 3.717        | 3.736      | VV       | 5328           | 52268        | 0.27%          | 0.003%        |
| 17        | 3.765       | 3.736        | 3.809      | VV       | 11584          | 300097       | 1.57%          | 0.020%        |
| 18        | 3.827       | 3.809        | 3.869      | VV       | 8908           | 126126       | 0.66%          | 0.008%        |
| 19        | 3.902       | 3.869        | 3.923      | PV       | 6809           | 85769        | 0.45%          | 0.006%        |
| 20        | 3.945       | 3.923        | 3.968      | VV       | 5726           | 86131        | 0.45%          | 0.006%        |
| 21        | 3.999       | 3.968        | 4.026      | VV       | 31952          | 367866       | 1.93%          | 0.024%        |
| 22        | 4.060       | 4.026        | 4.079      | VV       | 4042           | 99167        | 0.52%          | 0.007%        |
| 23        | 4.097       | 4.079        | 4.121      | VV       | 6531           | 91911        | 0.48%          | 0.006%        |
| 24        | 4.141       | 4.121        | 4.161      | VV       | 7965           | 138988       | 0.73%          | 0.009%        |
| 25        | 4.177       | 4.161        | 4.193      | VV       | 7502           | 125493       | 0.66%          | 0.008%        |
| 26        | 4.212       | 4.193        | 4.230      | VV       | 23615          | 266695       | 1.40%          | 0.018%        |
| 27        | 4.246       | 4.230        | 4.262      | VV       | 17151          | 201425       | 1.06%          | 0.013%        |
| 28        | 4.276       | 4.262        | 4.292      | VV       | 11576          | 166531       | 0.87%          | 0.011%        |
| 29        | 4.305       | 4.292        | 4.327      | VV       | 6595           | 112439       | 0.59%          | 0.007%        |
| 30        | 4.367       | 4.327        | 4.392      | VV       | 19809          | 335113       | 1.76%          | 0.022%        |
| 31        | 4.406       | 4.392        | 4.422      | VV       | 7649           | 107616       | 0.56%          | 0.007%        |
| 32        | 4.441       | 4.422        | 4.476      | VV       | 18942          | 254314       | 1.33%          | 0.017%        |
| 33        | 4.512       | 4.476        | 4.525      | PV       | 4867           | 67159        | 0.35%          | 0.004%        |
| 34        | 4.563       | 4.525        | 4.580      | VV       | 13695          | 225945       | 1.18%          | 0.015%        |
| 35        | 4.598       | 4.580        | 4.611      | VV       | 13503          | 158551       | 0.83%          | 0.010%        |
| 36        | 4.628       | 4.611        | 4.650      | VV       | 19089          | 273135       | 1.43%          | 0.018%        |

| Project Data |       |        |          |       |            |          | Summary Metrics    |                     |
|--------------|-------|--------|----------|-------|------------|----------|--------------------|---------------------|
| ID           | Name  | Status | Priority | Owner | Start Date | End Date | Progress (%)       | Completion Rate (%) |
| 37           | 4.669 | 4.650  | 4.691    | VV    | 29169      | 395813   | 2.08%              | 0.026%              |
| 38           | 4.702 | 4.691  | 4.714    | VV    | 13452      | 149854   | 0.00%              | 0.000%              |
| 39           | 4.728 | 4.714  | 4.758    | VV    | 19451      | 252656   | 0.00%              | 0.000%              |
| 40           | 4.786 | 4.758  | 4.799    | VV    | 9972       | 129615   | 0.00%              | 0.000%              |
|              |       |        |          |       |            |          | Manual Integration |                     |
| 41           | 4.812 | 4.799  | 4.826    | VV    | 9721       | 126330   | 0.00%              | 0.000%              |
| 42           | 4.836 | 4.826  | 4.854    | VV    | 7676       | 107874   | 0.00%              | 0.000%              |
| 43           | 4.903 | 4.854  | 4.945    | VV    | 11775      | 438898   | 2.30%              | 0.029%              |
| 44           | 4.959 | 4.945  | 4.998    | VV    | 5758       | 101868   | 0.53%              | 0.007%              |
| 45           | 5.022 | 4.998  | 5.079    | PV    | 117285     | 1672324  | 8.77%              | 0.110%              |
| 46           | 5.093 | 5.079  | 5.112    | VV    | 5545       | 72961    | 0.38%              | 0.005%              |
| 47           | 5.135 | 5.112  | 5.147    | VV    | 3579       | 59584    | 0.31%              | 0.004%              |
| 48           | 5.178 | 5.147  | 5.192    | VV    | 26183      | 323164   | 1.69%              | 0.021%              |
| 49           | 5.208 | 5.192  | 5.222    | VV    | 19840      | 284608   | 1.49%              | 0.019%              |
| 50           | 5.230 | 5.222  | 5.243    | VV    | 13675      | 146282   | 0.77%              | 0.010%              |
| 51           | 5.256 | 5.243  | 5.272    | VV    | 12613      | 185486   | 0.97%              | 0.012%              |
| 52           | 5.298 | 5.272  | 5.331    | VV    | 49750      | 1173329  | 6.15%              | 0.077%              |
| 53           | 5.341 | 5.331  | 5.365    | VV    | 23811      | 363331   | 1.91%              | 0.024%              |
| 54           | 5.385 | 5.365  | 5.406    | VV    | 21817      | 413484   | 2.17%              | 0.027%              |
| 55           | 5.420 | 5.406  | 5.447    | VV    | 16106      | 282687   | 1.48%              | 0.019%              |
| 56           | 5.468 | 5.447  | 5.490    | VV    | 32015      | 485263   | 2.54%              | 0.032%              |
| 57           | 5.518 | 5.490  | 5.547    | VV    | 31514      | 709888   | 3.72%              | 0.047%              |
| 58           | 5.589 | 5.547  | 5.633    | VV    | 50265      | 1460108  | 7.66%              | 0.096%              |
| 59           | 5.658 | 5.633  | 5.670    | VV    | 34101      | 505716   | 2.65%              | 0.033%              |
| 60           | 5.711 | 5.670  | 5.756    | VV    | 61095      | 1985124  | 10.41%             | 0.131%              |
| 61           | 5.768 | 5.756  | 5.780    | VV    | 25769      | 309312   | 1.62%              | 0.020%              |
| 62           | 5.815 | 5.780  | 5.852    | VV    | 59647      | 1484855  | 7.79%              | 0.098%              |
| 63           | 5.871 | 5.852  | 5.888    | VV    | 25325      | 450331   | 2.36%              | 0.030%              |
| 64           | 5.913 | 5.888  | 5.967    | VV    | 52641      | 1263682  | 6.63%              | 0.083%              |
| 65           | 5.997 | 5.967  | 6.039    | VV    | 127783     | 1822599  | 9.56%              | 0.120%              |
| 66           | 6.075 | 6.039  | 6.086    | VV    | 29718      | 546601   | 2.87%              | 0.036%              |
| 67           | 6.103 | 6.086  | 6.120    | VV    | 52120      | 743333   | 3.90%              | 0.049%              |
| 68           | 6.143 | 6.120  | 6.171    | VV    | 100542     | 1562032  | 8.19%              | 0.103%              |
| 69           | 6.186 | 6.171  | 6.199    | VV    | 33367      | 466951   | 2.45%              | 0.031%              |
| 70           | 6.213 | 6.199  | 6.222    | VV    | 34312      | 405176   | 2.12%              | 0.027%              |
| 71           | 6.233 | 6.222  | 6.244    | VV    | 36806      | 416365   | 2.18%              | 0.027%              |
| 72           | 6.261 | 6.244  | 6.285    | VV    | 79046      | 1184484  | 6.21%              | 0.078%              |
| 73           | 6.301 | 6.285  | 6.318    | VV    | 56028      | 749875   | 3.93%              | 0.049%              |
| 74           | 6.334 | 6.318  | 6.353    | VV    | 31498      | 605780   | 3.18%              | 0.040%              |
| 75           | 6.375 | 6.353  | 6.411    | VV    | 98292      | 1717222  | 9.01%              | 0.113%              |
| 76           | 6.423 | 6.411  | 6.440    | VV    | 32856      | 478520   | 2.51%              | 0.031%              |
| 77           | 6.457 | 6.440  | 6.474    | VV    | 45420      | 642154   | 3.37%              | 0.042%              |
| 78           | 6.496 | 6.474  | 6.522    | VV    | 69487      | 1408936  | 7.39%              | 0.093%              |
| 79           | 6.551 | 6.522  | 6.573    | VV    | 88667      | 1772965  | 9.30%              | 0.117%              |
| 80           | 6.598 | 6.573  | 6.633    | VV    | 176466     | 3017383  | 15.82%             | 0.199%              |
| 81           | 6.649 | 6.633  | 6.664    | VV    | 67962      | 979709   | 5.14%              | 0.064%              |
| 82           | 6.692 | 6.664  | 6.711    | VV    | 142938     | 2165419  | 11.36%             | 0.142%              |
| 83           | 6.732 | 6.711  | 6.767    | VV    | 103090     | 2239690  | 11.75%             | 0.147%              |
| 84           | 6.783 | 6.767  | 6.820    | VV    | 49563      | 1287637  | 6.75%              | 0.085%              |
| 85           | 6.836 | 6.820  | 6.852    | VV    | 41868      | 682900   | 3.58%              | 0.045%              |
| 86           | 6.878 | 6.852  | 6.894    | VV    | 104370     | 1694126  | 8.88%              | 0.111%              |
| 87           | 6.914 | 6.894  | 6.944    | VV    | 132424     | 2414180  | 12.66%             | 0.159%              |
| 88           | 6.956 | 6.944  | 6.978    | VV    | 53380      | 1015958  | 5.33%              | 0.067%              |
| 89           | 6.987 | 6.978  | 7.010    | VV    | 52911      | 906310   | 4.75%              | 0.060%              |

|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
| 90  | 7.032 | 7.010 | 7.042 | VV | 44689  | 800939  | 4.20%  | 0.053% |
| 91  | 7.083 | 7.042 | 7.109 | VV | 103324 | 2761597 | 14.06% | 0.053% |
| 92  | 7.125 | 7.109 | 7.152 | VV | 61002  | 1259680 | 6.06%  | 0.053% |
| 93  | 7.170 | 7.152 | 7.192 | VV | 69220  | 1178264 | 6.06%  | 0.053% |
| 94  | 7.213 | 7.192 | 7.257 | VV | 596933 | 7931651 | 41.25% | 0.053% |
| 95  | 7.272 | 7.257 | 7.283 | VV | 74101  | 1036937 | 5.95%  | 0.053% |
| 96  | 7.296 | 7.283 | 7.322 | VV | 77390  | 1576469 | 8.27%  | 0.104% |
| 97  | 7.333 | 7.322 | 7.348 | VV | 67112  | 984363  | 5.16%  | 0.065% |
| 98  | 7.367 | 7.348 | 7.383 | VV | 100733 | 1578465 | 8.28%  | 0.104% |
| 99  | 7.392 | 7.383 | 7.411 | VV | 76133  | 1113515 | 5.84%  | 0.073% |
| 100 | 7.434 | 7.411 | 7.453 | VV | 87485  | 1773522 | 9.30%  | 0.117% |
| 101 | 7.492 | 7.453 | 7.510 | VV | 142129 | 3629916 | 19.04% | 0.239% |
| 102 | 7.523 | 7.510 | 7.558 | VV | 105892 | 2379961 | 12.48% | 0.157% |
| 103 | 7.601 | 7.558 | 7.624 | VV | 208072 | 4700566 | 24.65% | 0.309% |
| 104 | 7.635 | 7.624 | 7.658 | VV | 81223  | 1404808 | 7.37%  | 0.092% |
| 105 | 7.686 | 7.658 | 7.703 | VV | 185644 | 3042719 | 15.96% | 0.200% |
| 106 | 7.716 | 7.703 | 7.732 | VV | 125997 | 1949286 | 10.22% | 0.128% |
| 107 | 7.741 | 7.732 | 7.757 | VV | 102529 | 1374928 | 7.21%  | 0.090% |
| 108 | 7.783 | 7.757 | 7.811 | VV | 301450 | 5142289 | 26.97% | 0.338% |
| 109 | 7.837 | 7.811 | 7.881 | VV | 122094 | 4358047 | 22.85% | 0.287% |
| 110 | 7.905 | 7.881 | 7.936 | VV | 131006 | 3565611 | 18.70% | 0.235% |
| 111 | 7.955 | 7.936 | 7.969 | VV | 148521 | 2486488 | 13.04% | 0.164% |
| 112 | 7.981 | 7.969 | 8.024 | VV | 134901 | 3607160 | 18.92% | 0.237% |
| 113 | 8.065 | 8.024 | 8.098 | VV | 412940 | 7757772 | 40.68% | 0.510% |
| 114 | 8.126 | 8.098 | 8.172 | VV | 184616 | 6228013 | 32.66% | 0.410% |
| 115 | 8.199 | 8.172 | 8.213 | VV | 181787 | 3488249 | 18.29% | 0.229% |
| 116 | 8.232 | 8.213 | 8.248 | VV | 177687 | 3373507 | 17.69% | 0.222% |
| 117 | 8.271 | 8.248 | 8.292 | VV | 225677 | 5122617 | 26.86% | 0.337% |
| 118 | 8.316 | 8.292 | 8.349 | VV | 366612 | 7554760 | 39.62% | 0.497% |
| 119 | 8.368 | 8.349 | 8.391 | VV | 190879 | 3617379 | 18.97% | 0.238% |
| 120 | 8.405 | 8.391 | 8.415 | VV | 122898 | 1695346 | 8.89%  | 0.112% |
| 121 | 8.437 | 8.415 | 8.457 | VV | 146783 | 3277976 | 17.19% | 0.216% |
| 122 | 8.480 | 8.457 | 8.502 | VV | 195360 | 4182161 | 21.93% | 0.275% |
| 123 | 8.520 | 8.502 | 8.547 | VV | 146497 | 3870779 | 20.30% | 0.255% |
| 124 | 8.575 | 8.547 | 8.584 | VV | 171442 | 3356179 | 17.60% | 0.221% |
| 125 | 8.603 | 8.584 | 8.629 | VV | 246935 | 5460749 | 28.64% | 0.359% |
| 126 | 8.639 | 8.629 | 8.662 | VV | 180710 | 3022756 | 15.85% | 0.199% |
| 127 | 8.673 | 8.662 | 8.698 | VV | 124754 | 2505873 | 13.14% | 0.165% |
| 128 | 8.729 | 8.698 | 8.750 | VV | 158578 | 3892386 | 20.41% | 0.256% |
| 129 | 8.786 | 8.750 | 8.826 | VV | 145200 | 5494750 | 28.82% | 0.361% |
| 130 | 8.864 | 8.826 | 8.889 | VV | 140105 | 4291873 | 22.51% | 0.282% |
| 131 | 8.899 | 8.889 | 8.909 | VV | 103231 | 1221191 | 6.40%  | 0.080% |
| 132 | 8.926 | 8.909 | 8.935 | VV | 111638 | 1663904 | 8.73%  | 0.109% |
| 133 | 8.958 | 8.935 | 8.997 | VV | 166848 | 5062571 | 26.55% | 0.333% |
| 134 | 9.018 | 8.997 | 9.036 | VV | 155926 | 3054008 | 16.02% | 0.201% |
| 135 | 9.053 | 9.036 | 9.079 | VV | 148298 | 3163542 | 16.59% | 0.208% |
| 136 | 9.100 | 9.079 | 9.114 | VV | 123755 | 2302481 | 12.07% | 0.151% |
| 137 | 9.132 | 9.114 | 9.143 | VV | 143627 | 2223330 | 11.66% | 0.146% |
| 138 | 9.151 | 9.143 | 9.178 | VV | 137959 | 2448137 | 12.84% | 0.161% |
| 139 | 9.199 | 9.178 | 9.235 | VV | 119654 | 3547253 | 18.60% | 0.233% |
| 140 | 9.290 | 9.235 | 9.303 | VV | 117244 | 4357745 | 22.85% | 0.287% |
| 141 | 9.322 | 9.303 | 9.347 | VV | 147797 | 3370354 | 17.67% | 0.222% |

Instrument :

FID\_C

ClientSampleId :

OS-DRUM-COMP-EPH-2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/29/2022

Supervised By :mohammad ahmed 04/29/2022

|     |        |        |        |       |        |          |        |        |
|-----|--------|--------|--------|-------|--------|----------|--------|--------|
|     |        |        |        |       |        |          |        |        |
|     |        |        |        | rters |        |          |        |        |
| 142 | 9.374  | 9.347  | 9.402  | VV    | 338101 | 6175792  | 32.39% | 0.406% |
| 143 | 9.415  | 9.402  | 9.426  | VV    | 114134 | 1614557  | 8.12%  | 0.128% |
| 144 | 9.444  | 9.426  | 9.463  | VV    | 122553 | 2471760  | 12.20% | 0.128% |
| 145 | 9.473  | 9.463  | 9.495  | VV    | 111704 | 2007419  | 10.20% | 0.128% |
|     |        |        |        |       |        |          |        |        |
| 146 | 9.524  | 9.495  | 9.563  | VV    | 182753 | 5145234  | 26.89% | 0.267% |
| 147 | 9.589  | 9.563  | 9.615  | VV    | 116693 | 3419586  | 17.87% | 0.267% |
| 148 | 9.643  | 9.615  | 9.673  | VV    | 133278 | 4055348  | 21.27% | 0.267% |
| 149 | 9.689  | 9.673  | 9.701  | VV    | 118306 | 1945017  | 10.20% | 0.128% |
| 150 | 9.760  | 9.701  | 9.782  | VV    | 284575 | 8813041  | 46.22% | 0.580% |
|     |        |        |        |       |        |          |        |        |
| 151 | 9.798  | 9.782  | 9.814  | VV    | 155729 | 3016382  | 15.82% | 0.198% |
| 152 | 9.829  | 9.814  | 9.870  | VV    | 176848 | 5128288  | 26.89% | 0.337% |
| 153 | 9.894  | 9.870  | 9.920  | VV    | 269209 | 5313950  | 27.87% | 0.350% |
| 154 | 9.955  | 9.920  | 9.995  | VV    | 383216 | 8814244  | 46.22% | 0.580% |
| 155 | 10.018 | 9.995  | 10.033 | VV    | 427238 | 6602849  | 34.63% | 0.434% |
|     |        |        |        |       |        |          |        |        |
| 156 | 10.041 | 10.033 | 10.057 | VV    | 302455 | 3680116  | 19.30% | 0.242% |
| 157 | 10.081 | 10.057 | 10.098 | VV    | 353008 | 6756461  | 35.43% | 0.444% |
| 158 | 10.115 | 10.098 | 10.134 | VV    | 328751 | 5654938  | 29.66% | 0.372% |
| 159 | 10.149 | 10.134 | 10.158 | VV    | 273316 | 3454256  | 18.11% | 0.227% |
| 160 | 10.181 | 10.158 | 10.199 | VV    | 564120 | 10145434 | 53.20% | 0.667% |
|     |        |        |        |       |        |          |        |        |
| 161 | 10.210 | 10.199 | 10.251 | VV    | 393103 | 8832671  | 46.32% | 0.581% |
| 162 | 10.276 | 10.251 | 10.297 | VV    | 474090 | 7500457  | 39.33% | 0.493% |
| 163 | 10.329 | 10.297 | 10.355 | VV    | 380991 | 8417128  | 44.14% | 0.554% |
| 164 | 10.376 | 10.355 | 10.398 | VV    | 202076 | 4749315  | 24.91% | 0.312% |
| 165 | 10.428 | 10.398 | 10.460 | VV    | 216122 | 7401800  | 38.82% | 0.487% |
|     |        |        |        |       |        |          |        |        |
| 166 | 10.491 | 10.460 | 10.542 | VV    | 219948 | 9725097  | 51.00% | 0.640% |
| 167 | 10.562 | 10.542 | 10.602 | VV    | 194787 | 6275208  | 32.91% | 0.413% |
| 168 | 10.612 | 10.602 | 10.632 | VV    | 170643 | 2967417  | 15.56% | 0.195% |
| 169 | 10.654 | 10.632 | 10.672 | VV    | 173891 | 3985060  | 20.90% | 0.262% |
| 170 | 10.741 | 10.672 | 10.783 | VV    | 187765 | 11227361 | 58.88% | 0.739% |
|     |        |        |        |       |        |          |        |        |
| 171 | 10.810 | 10.783 | 10.848 | VV    | 334174 | 8701021  | 45.63% | 0.572% |
| 172 | 10.900 | 10.848 | 10.928 | VV    | 399698 | 11882338 | 62.31% | 0.782% |
| 173 | 10.940 | 10.928 | 10.958 | VV    | 170512 | 2999167  | 15.73% | 0.197% |
| 174 | 10.967 | 10.958 | 10.978 | VV    | 162515 | 1915582  | 10.05% | 0.126% |
| 175 | 10.999 | 10.978 | 11.045 | VV    | 169723 | 6337842  | 33.24% | 0.417% |
|     |        |        |        |       |        |          |        |        |
| 176 | 11.106 | 11.045 | 11.141 | VV    | 690523 | 16015957 | 83.99% | 1.054% |
| 177 | 11.166 | 11.141 | 11.181 | VV    | 180350 | 4147814  | 21.75% | 0.273% |
| 178 | 11.197 | 11.181 | 11.223 | VV    | 182705 | 4292066  | 22.51% | 0.282% |
| 179 | 11.245 | 11.223 | 11.272 | VV    | 180872 | 4945803  | 25.94% | 0.325% |
| 180 | 11.289 | 11.272 | 11.312 | VV    | 173542 | 3893085  | 20.42% | 0.256% |
|     |        |        |        |       |        |          |        |        |
| 181 | 11.336 | 11.312 | 11.344 | VV    | 161190 | 3108783  | 16.30% | 0.205% |
| 182 | 11.376 | 11.344 | 11.398 | VV    | 172478 | 5237159  | 27.46% | 0.345% |
| 183 | 11.415 | 11.398 | 11.425 | VV    | 162852 | 2589261  | 13.58% | 0.170% |
| 184 | 11.479 | 11.425 | 11.504 | VV    | 280651 | 10107601 | 53.01% | 0.665% |
| 185 | 11.514 | 11.504 | 11.528 | VV    | 175208 | 2426728  | 12.73% | 0.160% |
|     |        |        |        |       |        |          |        |        |
| 186 | 11.558 | 11.528 | 11.578 | VV    | 187439 | 5420961  | 28.43% | 0.357% |
| 187 | 11.589 | 11.578 | 11.612 | VV    | 185386 | 3555819  | 18.65% | 0.234% |
| 188 | 11.622 | 11.612 | 11.644 | VV    | 179343 | 3269917  | 17.15% | 0.215% |
| 189 | 11.668 | 11.644 | 11.715 | VV    | 195553 | 7385212  | 38.73% | 0.486% |
| 190 | 11.744 | 11.715 | 11.792 | VV    | 266997 | 9314817  | 48.85% | 0.613% |
|     |        |        |        |       |        |          |        |        |
| 191 | 11.815 | 11.792 | 11.834 | VV    | 195817 | 4780620  | 25.07% | 0.315% |
| 192 | 11.851 | 11.834 | 11.900 | VV    | 196380 | 7182187  | 37.66% | 0.473% |
| 193 | 11.939 | 11.900 | 11.972 | VV    | 192540 | 7699797  | 40.38% | 0.507% |
| 194 | 11.987 | 11.972 | 12.017 | VV    | 182984 | 4918443  | 25.79% | 0.324% |

Instrument :

FID\_C

ClientSampleId :

OS-DRUM-COMP-EPH-2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/29/2022

Supervised By :mohammad ahmed 04/29/2022

Instrument :

FID\_C

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OS-DRUM-COMP-EPH-2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/29/2022

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|     |        |        |        |    | rt     | Area     | Area%  | Height |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
| 195 | 12.036 | 12.017 | 12.062 | VV | 206197 | 5059888  | 26.53% | 0.333% |
| 196 | 12.113 | 12.062 | 12.141 | VV | 319802 | 10393626 | 54.11% | 0.333% |
| 197 | 12.178 | 12.141 | 12.215 | VV | 216175 | 8718852  | 45.87% | 0.333% |
| 198 | 12.254 | 12.215 | 12.278 | VV | 194411 | 6800676  | 35.81% | 0.333% |
| 199 | 12.303 | 12.278 | 12.320 | VV | 178847 | 4433130  | 23.81% | 0.333% |
| 200 | 12.332 | 12.320 | 12.343 | VV | 173978 | 2349842  | 12.41% | 0.333% |
| 201 | 12.365 | 12.343 | 12.409 | VV | 200139 | 7369991  | 38.65% | 0.485% |
| 202 | 12.470 | 12.409 | 12.498 | VV | 244364 | 10699445 | 56.11% | 0.704% |
| 203 | 12.553 | 12.498 | 12.582 | VV | 560597 | 13964943 | 73.23% | 0.919% |
| 204 | 12.608 | 12.582 | 12.638 | VV | 243686 | 7408105  | 38.85% | 0.487% |
| 205 | 12.656 | 12.638 | 12.696 | VV | 200502 | 6665043  | 34.95% | 0.438% |
| 206 | 12.723 | 12.696 | 12.745 | VV | 244923 | 6275465  | 32.91% | 0.413% |
| 207 | 12.755 | 12.745 | 12.767 | VV | 210036 | 2699471  | 14.16% | 0.178% |
| 208 | 12.785 | 12.767 | 12.805 | VV | 227861 | 4931194  | 25.86% | 0.324% |
| 209 | 12.827 | 12.805 | 12.917 | VV | 226233 | 13295996 | 69.73% | 0.875% |
| 210 | 12.955 | 12.917 | 12.977 | VV | 242453 | 7884880  | 41.35% | 0.519% |
| 211 | 12.997 | 12.977 | 13.013 | VV | 217792 | 4515737  | 23.68% | 0.297% |
| 212 | 13.025 | 13.013 | 13.050 | VV | 211977 | 4532709  | 23.77% | 0.298% |
| 213 | 13.065 | 13.050 | 13.108 | VV | 202594 | 6740307  | 35.35% | 0.443% |
| 214 | 13.129 | 13.108 | 13.142 | VV | 217689 | 4047532  | 21.23% | 0.266% |
| 215 | 13.159 | 13.142 | 13.185 | VV | 222413 | 5490849  | 28.79% | 0.361% |
| 216 | 13.217 | 13.185 | 13.288 | VV | 229556 | 13409026 | 70.32% | 0.882% |
| 217 | 13.307 | 13.288 | 13.332 | VV | 287046 | 6327274  | 33.18% | 0.416% |
| 218 | 13.361 | 13.332 | 13.419 | VV | 228481 | 11176904 | 58.61% | 0.735% |
| 219 | 13.441 | 13.419 | 13.458 | VV | 207956 | 4857127  | 25.47% | 0.320% |
| 220 | 13.476 | 13.458 | 13.492 | VV | 211795 | 4194544  | 22.00% | 0.276% |
| 221 | 13.536 | 13.492 | 13.574 | VV | 248259 | 10831485 | 56.80% | 0.713% |
| 222 | 13.592 | 13.574 | 13.652 | VV | 226764 | 9774336  | 51.26% | 0.643% |
| 223 | 13.717 | 13.652 | 13.741 | VV | 220773 | 11455793 | 60.08% | 0.754% |
| 224 | 13.769 | 13.741 | 13.814 | VV | 235210 | 9590191  | 50.29% | 0.631% |
| 225 | 13.866 | 13.814 | 13.902 | VV | 236994 | 11518080 | 60.40% | 0.758% |
| 226 | 13.926 | 13.902 | 13.971 | VV | 247856 | 9425815  | 49.43% | 0.620% |
| 227 | 13.992 | 13.971 | 14.028 | VV | 239124 | 7577094  | 39.74% | 0.498% |
| 228 | 14.046 | 14.028 | 14.057 | VV | 212895 | 3577878  | 18.76% | 0.235% |
| 229 | 14.078 | 14.057 | 14.089 | VV | 222147 | 4172997  | 21.88% | 0.275% |
| 230 | 14.109 | 14.089 | 14.134 | VV | 229450 | 6015363  | 31.55% | 0.396% |
| 231 | 14.148 | 14.134 | 14.168 | VV | 224164 | 4512353  | 23.66% | 0.297% |
| 232 | 14.203 | 14.168 | 14.211 | VV | 208443 | 5314967  | 27.87% | 0.350% |
| 233 | 14.237 | 14.211 | 14.269 | VV | 264088 | 7940308  | 41.64% | 0.522% |
| 234 | 14.278 | 14.269 | 14.298 | VV | 220353 | 3889783  | 20.40% | 0.256% |
| 235 | 14.314 | 14.298 | 14.348 | VV | 229981 | 6626629  | 34.75% | 0.436% |
| 236 | 14.356 | 14.348 | 14.382 | VV | 217871 | 4299630  | 22.55% | 0.283% |
| 237 | 14.407 | 14.382 | 14.436 | VV | 278226 | 8117501  | 42.57% | 0.534% |
| 238 | 14.469 | 14.436 | 14.525 | VV | 246328 | 12071772 | 63.31% | 0.794% |
| 239 | 14.543 | 14.525 | 14.571 | VV | 225581 | 5901920  | 30.95% | 0.388% |
| 240 | 14.598 | 14.571 | 14.610 | VV | 219179 | 4937127  | 25.89% | 0.325% |
| 241 | 14.656 | 14.610 | 14.666 | VV | 232334 | 7455119  | 39.10% | 0.490% |
| 242 | 14.672 | 14.666 | 14.723 | VV | 230100 | 7423305  | 38.93% | 0.488% |
| 243 | 14.742 | 14.723 | 14.767 | VV | 219791 | 5633951  | 29.55% | 0.371% |
| 244 | 14.789 | 14.767 | 14.804 | VV | 238023 | 4952571  | 25.97% | 0.326% |
| 245 | 14.830 | 14.804 | 14.881 | VV | 236120 | 10392691 | 54.50% | 0.684% |
| 246 | 14.934 | 14.881 | 14.992 | VV | 467116 | 18408385 | 96.54% | 1.211% |

| rteres |        |        |        |    |        |          |         |        |  |
|--------|--------|--------|--------|----|--------|----------|---------|--------|--|
| 247    | 15.004 | 14.992 | 15.035 | VV | 241316 | 5849251  | 30.67%  | 0.385% |  |
| 248    | 15.057 | 15.035 | 15.072 | VV | 209979 | 4608031  | 24.00%  | 0.385% |  |
| 249    | 15.105 | 15.072 | 15.115 | VV | 217432 | 5411668  | 28.00%  | 0.385% |  |
| 250    | 15.129 | 15.115 | 15.148 | VV | 224603 | 4428115  | 23.00%  | 0.385% |  |
| 251    | 15.160 | 15.148 | 15.203 | VV | 222935 | 7175831  | 37.00%  | 0.483% |  |
| 252    | 15.226 | 15.203 | 15.235 | VV | 236930 | 4356758  | 22.00%  | 0.483% |  |
| 253    | 15.244 | 15.235 | 15.287 | VV | 238502 | 7343269  | 38.51%  | 0.483% |  |
| 254    | 15.308 | 15.287 | 15.371 | VV | 242192 | 11455757 | 60.08%  | 0.754% |  |
| 255    | 15.423 | 15.371 | 15.440 | VV | 258894 | 9647875  | 50.59%  | 0.635% |  |
| 256    | 15.460 | 15.440 | 15.551 | VV | 259577 | 15708374 | 82.38%  | 1.033% |  |
| 257    | 15.601 | 15.551 | 15.618 | VV | 247131 | 9560117  | 50.13%  | 0.629% |  |
| 258    | 15.656 | 15.618 | 15.691 | VV | 266423 | 10896431 | 57.14%  | 0.717% |  |
| 259    | 15.737 | 15.691 | 15.780 | VV | 302887 | 14706021 | 77.12%  | 0.967% |  |
| 260    | 15.798 | 15.780 | 15.819 | VV | 277228 | 6181557  | 32.42%  | 0.407% |  |
| 261    | 15.842 | 15.819 | 15.880 | VV | 267823 | 9351888  | 49.04%  | 0.615% |  |
| 262    | 15.894 | 15.880 | 15.913 | VV | 254597 | 4878087  | 25.58%  | 0.321% |  |
| 263    | 15.978 | 15.913 | 16.032 | VV | 323984 | 18974663 | 99.51%  | 1.248% |  |
| 264    | 16.078 | 16.032 | 16.099 | VV | 267957 | 10188448 | 53.43%  | 0.670% |  |
| 265    | 16.119 | 16.099 | 16.161 | VV | 263816 | 9358773  | 49.08%  | 0.616% |  |
| 266    | 16.214 | 16.161 | 16.275 | VV | 363770 | 19068949 | 100.00% | 1.255% |  |
| 267    | 16.284 | 16.275 | 16.312 | VV | 248025 | 5300335  | 27.80%  | 0.349% |  |
| 268    | 16.357 | 16.312 | 16.385 | VV | 261393 | 10901016 | 57.17%  | 0.717% |  |
| 269    | 16.403 | 16.385 | 16.450 | VV | 244969 | 8928814  | 46.82%  | 0.587% |  |
| 270    | 16.514 | 16.450 | 16.533 | VV | 255447 | 11355740 | 59.55%  | 0.747% |  |
| 271    | 16.554 | 16.533 | 16.579 | VV | 245810 | 6595280  | 34.59%  | 0.434% |  |
| 272    | 16.597 | 16.579 | 16.667 | VV | 228548 | 11610174 | 60.89%  | 0.764% |  |
| 273    | 16.679 | 16.667 | 16.698 | VV | 224583 | 4028953  | 21.13%  | 0.265% |  |
| 274    | 16.718 | 16.698 | 16.787 | VV | 228265 | 11347010 | 59.51%  | 0.747% |  |
| 275    | 16.816 | 16.787 | 16.862 | VV | 241779 | 9810104  | 51.45%  | 0.645% |  |
| 276    | 16.873 | 16.862 | 16.898 | VV | 211036 | 4471540  | 23.45%  | 0.294% |  |
| 277    | 16.942 | 16.898 | 16.959 | VV | 219345 | 7536797  | 39.52%  | 0.496% |  |
| 278    | 16.968 | 16.959 | 16.995 | VV | 212369 | 4333772  | 22.73%  | 0.285% |  |
| 279    | 17.000 | 16.995 | 17.015 | VV | 193362 | 2310696  | 12.12%  | 0.152% |  |
| 280    | 17.022 | 17.015 | 17.028 | VV | 195175 | 1543160  | 8.09%   | 0.102% |  |
| 281    | 17.057 | 17.028 | 17.097 | VV | 207568 | 8159476  | 42.79%  | 0.537% |  |
| 282    | 17.116 | 17.097 | 17.155 | VV | 201940 | 6723463  | 35.26%  | 0.442% |  |
| 283    | 17.180 | 17.155 | 17.227 | VV | 200867 | 8486862  | 44.51%  | 0.558% |  |
| 284    | 17.250 | 17.227 | 17.298 | VV | 212148 | 8284140  | 43.44%  | 0.545% |  |
| 285    | 17.308 | 17.298 | 17.322 | VV | 189069 | 2619173  | 13.74%  | 0.172% |  |
| 286    | 17.339 | 17.322 | 17.353 | VV | 212977 | 3806024  | 19.96%  | 0.250% |  |
| 287    | 17.372 | 17.353 | 17.394 | VV | 205229 | 4807713  | 25.21%  | 0.316% |  |
| 288    | 17.413 | 17.394 | 17.434 | VV | 199446 | 4622531  | 24.24%  | 0.304% |  |
| 289    | 17.448 | 17.434 | 17.475 | VV | 199725 | 4637497  | 24.32%  | 0.305% |  |
| 290    | 17.482 | 17.475 | 17.511 | VV | 180897 | 3821000  | 20.04%  | 0.251% |  |
| 291    | 17.573 | 17.511 | 17.595 | VV | 198808 | 9518990  | 49.92%  | 0.626% |  |
| 292    | 17.627 | 17.595 | 17.659 | VV | 202017 | 7285293  | 38.21%  | 0.479% |  |
| 293    | 17.670 | 17.659 | 17.681 | VV | 188285 | 2484368  | 13.03%  | 0.163% |  |
| 294    | 17.704 | 17.681 | 17.726 | VV | 205801 | 5117807  | 26.84%  | 0.337% |  |
| 295    | 17.747 | 17.726 | 17.768 | VV | 182336 | 4441297  | 23.29%  | 0.292% |  |
| 296    | 17.788 | 17.768 | 17.832 | VV | 175588 | 6457956  | 33.87%  | 0.425% |  |
| 297    | 17.869 | 17.832 | 17.885 | VV | 172677 | 5328688  | 27.94%  | 0.351% |  |
| 298    | 17.890 | 17.885 | 17.907 | VV | 163478 | 2175005  | 11.41%  | 0.143% |  |
| 299    | 17.947 | 17.907 | 17.968 | VV | 175075 | 6143911  | 32.22%  | 0.404% |  |

Instrument :  
FID\_C  
ClientSampleId :  
OS-DRUM-COMP-EPH-2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/29/2022  
Supervised By :mohammad ahmed 04/29/2022



|                         |        |        |        |     |        |          |                                        |        |
|-------------------------|--------|--------|--------|-----|--------|----------|----------------------------------------|--------|
|                         |        |        |        |     |        |          | Instrument :<br>FID_C                  |        |
|                         |        |        |        |     |        |          | ClientSampleId :<br>OS-DRUM-COMP-EPH-2 |        |
| 300                     | 17.984 | 17.968 | 18.001 | VV  | 165088 | 3206104  | 16.81%                                 | 0.211% |
| 301                     | 18.019 | 18.001 | 18.042 | VV  | 162969 | 3934993  | Manual IntegrationsAPPROVED            |        |
| 302                     | 18.072 | 18.042 | 18.108 | VV  | 194248 | 6896806  |                                        |        |
| 303                     | 18.123 | 18.108 | 18.147 | VV  | 170424 | 3777943  |                                        |        |
| 304                     | 18.172 | 18.147 | 18.210 | VV  | 174200 | 6204711  |                                        |        |
| 305                     | 18.228 | 18.210 | 18.246 | VV  | 160069 | 3392894  |                                        |        |
| 306                     | 18.261 | 18.246 | 18.285 | VV  | 162235 | 3551209  | 18.62%                                 | 0.234% |
| 307                     | 18.306 | 18.285 | 18.368 | VV  | 172000 | 8103366  | 42.50%                                 | 0.533% |
| 308                     | 18.395 | 18.368 | 18.438 | VV  | 189320 | 7039624  | 36.92%                                 | 0.463% |
| 309                     | 18.460 | 18.438 | 18.508 | VV  | 173539 | 7018591  | 36.81%                                 | 0.462% |
| 310                     | 18.515 | 18.508 | 18.557 | VV  | 166481 | 4639404  | 24.33%                                 | 0.305% |
| 311                     | 18.568 | 18.557 | 18.597 | VV  | 158036 | 3760403  | 19.72%                                 | 0.247% |
| 312                     | 18.656 | 18.597 | 18.722 | VV  | 170602 | 11767077 | 61.71%                                 | 0.774% |
| 313                     | 18.727 | 18.722 | 18.775 | VV  | 161326 | 4957880  | 26.00%                                 | 0.326% |
| 314                     | 18.812 | 18.775 | 18.825 | VV  | 153033 | 4468143  | 23.43%                                 | 0.294% |
| 315                     | 18.864 | 18.825 | 18.875 | VV  | 173899 | 4936272  | 25.89%                                 | 0.325% |
| 316                     | 18.883 | 18.875 | 18.962 | VV  | 174961 | 8440108  | 44.26%                                 | 0.555% |
| 317                     | 18.976 | 18.962 | 18.985 | VV  | 161332 | 2191220  | 11.49%                                 | 0.144% |
| 318                     | 19.027 | 18.985 | 19.070 | VV  | 176427 | 8386621  | 43.98%                                 | 0.552% |
| 319                     | 19.091 | 19.070 | 19.115 | VV  | 163952 | 4246406  | 22.27%                                 | 0.279% |
| 320                     | 19.139 | 19.115 | 19.163 | VV  | 171475 | 4542187  | 23.82%                                 | 0.299% |
| 321                     | 19.174 | 19.163 | 19.198 | VV  | 156265 | 3117156  | 16.35%                                 | 0.205% |
| 322                     | 19.221 | 19.198 | 19.238 | VV  | 147831 | 3398542  | 17.82%                                 | 0.224% |
| 323                     | 19.261 | 19.238 | 19.434 | VV  | 155291 | 14378481 | 75.40%                                 | 0.946% |
| 324                     | 19.493 | 19.434 | 19.568 | VV  | 543952 | 15120681 | 79.29%                                 | 0.995% |
| 325                     | 19.591 | 19.568 | 19.635 | VV  | 112077 | 4297148  | 22.53%                                 | 0.283% |
| 326                     | 19.644 | 19.635 | 19.665 | VV  | 103474 | 1720954  | 9.02%                                  | 0.113% |
| 327                     | 19.730 | 19.665 | 19.755 | VV  | 114482 | 5504556  | 28.87%                                 | 0.362% |
| 328                     | 19.762 | 19.755 | 19.807 | VV  | 99203  | 2931822  | 15.37%                                 | 0.193% |
| 329                     | 19.818 | 19.807 | 19.887 | VV  | 94111  | 4204402  | 22.05%                                 | 0.277% |
| 330                     | 19.918 | 19.887 | 19.935 | VV  | 96554  | 2565670  | 13.45%                                 | 0.169% |
| 331                     | 19.955 | 19.935 | 20.024 | VV  | 93709  | 4704916  | 24.67%                                 | 0.310% |
| 332                     | 20.062 | 20.024 | 20.107 | VV  | 90012  | 4091868  | 21.46%                                 | 0.269% |
| 333                     | 20.125 | 20.107 | 20.145 | VV  | 80189  | 1737658  | 9.11%                                  | 0.114% |
| 334                     | 20.156 | 20.145 | 20.165 | VV  | 76367  | 898260   | 4.71%                                  | 0.059% |
| 335                     | 20.182 | 20.165 | 20.194 | VV  | 75950  | 1289456  | 6.76%                                  | 0.085% |
| 336                     | 20.211 | 20.194 | 20.251 | VV  | 82628  | 2544791  | 13.35%                                 | 0.167% |
| 337                     | 20.292 | 20.251 | 20.338 | VV  | 81102  | 3718461  | 19.50%                                 | 0.245% |
| 338                     | 20.346 | 20.338 | 20.367 | VV  | 65835  | 1103849  | 5.79%                                  | 0.073% |
| 339                     | 20.392 | 20.367 | 20.425 | VV  | 68693  | 2258546  | 11.84%                                 | 0.149% |
| 340                     | 20.450 | 20.425 | 20.570 | VV  | 61265  | 4568830  | 23.96%                                 | 0.301% |
| 341                     | 20.579 | 20.570 | 20.588 | VV  | 43959  | 452665   | 2.37%                                  | 0.030% |
| 342                     | 20.610 | 20.588 | 20.619 | VV  | 43445  | 775899   | 4.07%                                  | 0.051% |
| 343                     | 20.651 | 20.619 | 20.699 | VV  | 53237  | 2171110  | 11.39%                                 | 0.143% |
| 344                     | 20.720 | 20.699 | 20.806 | VV  | 39597  | 2110016  | 11.07%                                 | 0.139% |
| 345                     | 20.816 | 20.806 | 20.907 | VV  | 25921  | 1261671  | 6.62%                                  | 0.083% |
| 346                     | 20.920 | 20.907 | 20.933 | VV  | 18882  | 266633   | 1.40%                                  | 0.018% |
| 347                     | 20.988 | 20.933 | 21.003 | VV  | 21567  | 797245   | 4.18%                                  | 0.052% |
| 348                     | 21.033 | 21.003 | 21.102 | VBA | 21424  | 1026313  | 5.38%                                  | 0.068% |
| Sum of corrected areas: |        |        |        |     |        |          | 1520025607                             |        |