

rteres

Instrument :

FID\_D

ClientSampleId :

WC-14A-3-2

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD03242

Data File : FD041717.D

Signal(s) : FID2B.CH

Acq On : 25 Mar 2022 8:21

Sample : N2077-11

Misc :

ALS Vial : 73 Sample Multiplier: 1

Reviewed By :Yogesh Patel 03/25/2022

Supervised By :mohammad ahmed 03/30/2022

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 032222.M

Title : GC Extractables

Signal : FID2B.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         | 4.121       | 4.102        | 4.144      | BV       | 20461          | 188585       | 1.15%          | 0.021%        |
| 2         | 4.149       | 4.144        | 4.155      | PV       | 4267           | 25738        | 0.16%          | 0.003%        |
| 3         | 4.165       | 4.155        | 4.181      | VV       | 19220          | 149101       | 0.91%          | 0.016%        |
| 4         | 4.197       | 4.181        | 4.220      | PV       | 65408          | 726828       | 4.44%          | 0.080%        |
| 5         | 4.226       | 4.220        | 4.238      | VV       | 5228           | 33503        | 0.20%          | 0.004%        |
| 6         | 4.252       | 4.238        | 4.257      | PV       | 12777          | 93076        | 0.57%          | 0.010%        |
| 7         | 4.274       | 4.257        | 4.282      | VV       | 85871          | 800914       | 4.89%          | 0.088%        |
| 8         | 4.294       | 4.282        | 4.308      | VV       | 98179          | 1294487      | 7.91%          | 0.142%        |
| 9         | 4.322       | 4.308        | 4.347      | VV       | 140704         | 2266917      | 13.85%         | 0.249%        |
| 10        | 4.361       | 4.347        | 4.375      | VV       | 176331         | 1826963      | 11.16%         | 0.200%        |
| 11        | 4.388       | 4.375        | 4.397      | VV       | 175747         | 1635511      | 9.99%          | 0.179%        |
| 12        | 4.408       | 4.397        | 4.424      | VV       | 225381         | 2181855      | 13.33%         | 0.239%        |
| 13        | 4.441       | 4.424        | 4.465      | VV       | 103691         | 1997658      | 12.20%         | 0.219%        |
| 14        | 4.480       | 4.465        | 4.501      | VV       | 391462         | 4308584      | 26.32%         | 0.473%        |
| 15        | 4.505       | 4.501        | 4.515      | VV       | 94342          | 750840       | 4.59%          | 0.082%        |
| 16        | 4.549       | 4.515        | 4.570      | VV       | 283464         | 4733510      | 28.91%         | 0.519%        |
| 17        | 4.589       | 4.570        | 4.624      | VV       | 362443         | 4209698      | 25.71%         | 0.462%        |
| 18        | 4.652       | 4.624        | 4.668      | VV       | 55550          | 1034396      | 6.32%          | 0.113%        |
| 19        | 4.684       | 4.668        | 4.708      | VV       | 85960          | 1035385      | 6.32%          | 0.114%        |
| 20        | 4.764       | 4.708        | 4.789      | VV       | 216417         | 2869332      | 17.53%         | 0.315%        |
| 21        | 4.813       | 4.789        | 4.824      | VV       | 340797         | 3273438      | 20.00%         | 0.359%        |
| 22        | 4.841       | 4.824        | 4.863      | VV       | 850100         | 8989359      | 54.91%         | 0.986%        |
| 23        | 4.891       | 4.863        | 4.908      | VV       | 237729         | 2976910      | 18.18%         | 0.327%        |
| 24        | 4.922       | 4.908        | 4.937      | VV       | 61388          | 807499       | 4.93%          | 0.089%        |
| 25        | 4.957       | 4.937        | 4.972      | VV       | 119943         | 1681905      | 10.27%         | 0.184%        |
| 26        | 4.982       | 4.972        | 4.992      | VV       | 72670          | 738037       | 4.51%          | 0.081%        |
| 27        | 4.998       | 4.992        | 5.004      | VV       | 58466          | 401179       | 2.45%          | 0.044%        |
| 28        | 5.022       | 5.004        | 5.036      | VV       | 231546         | 2710811      | 16.56%         | 0.297%        |
| 29        | 5.049       | 5.036        | 5.064      | VV       | 203493         | 2161857      | 13.21%         | 0.237%        |
| 30        | 5.088       | 5.064        | 5.120      | VV       | 75671          | 1850611      | 11.30%         | 0.203%        |
| 31        | 5.131       | 5.120        | 5.139      | VV       | 40540          | 360664       | 2.20%          | 0.040%        |
| 32        | 5.159       | 5.139        | 5.211      | VV       | 620542         | 8782598      | 53.65%         | 0.963%        |
| 33        | 5.234       | 5.211        | 5.261      | VV       | 75127          | 1470160      | 8.98%          | 0.161%        |
| 34        | 5.281       | 5.261        | 5.294      | VV       | 33653          | 509724       | 3.11%          | 0.056%        |
| 35        | 5.327       | 5.294        | 5.336      | VV       | 174158         | 2253174      | 13.76%         | 0.247%        |
| 36        | 5.349       | 5.336        | 5.360      | VV       | 187801         | 2367387      | 14.46%         | 0.260%        |

|    |       |       |       |    |        |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
| 37 | 5.372 | 5.360 | 5.389 | VV | 219846 | 2295461 | 14.02% | 0.252% |
| 38 | 5.401 | 5.389 | 5.414 | VV | 74346  | 900622  |        |        |
| 39 | 5.432 | 5.414 | 5.468 | VV | 414564 | 7012995 |        |        |
| 40 | 5.486 | 5.468 | 5.512 | VV | 493202 | 5115583 |        |        |
| 41 | 5.524 | 5.512 | 5.535 | VV | 67143  | 738976  |        |        |
| 42 | 5.546 | 5.535 | 5.558 | VV | 67737  | 719493  |        |        |
| 43 | 5.567 | 5.558 | 5.590 | VV | 52630  | 538656  | 3.29%  | 0.059% |
| 44 | 5.614 | 5.590 | 5.638 | PV | 137954 | 1607269 | 9.82%  | 0.176% |
| 45 | 5.664 | 5.638 | 5.681 | VV | 135024 | 1880957 | 11.49% | 0.206% |
| 46 | 5.693 | 5.681 | 5.708 | VV | 51426  | 645799  | 3.94%  | 0.071% |
| 47 | 5.732 | 5.708 | 5.765 | VV | 259402 | 3501087 | 21.39% | 0.384% |
| 48 | 5.785 | 5.765 | 5.801 | VV | 116167 | 1285085 | 7.85%  | 0.141% |
| 49 | 5.834 | 5.801 | 5.857 | VV | 303090 | 4950266 | 30.24% | 0.543% |
| 50 | 5.870 | 5.857 | 5.894 | VV | 145647 | 2190736 | 13.38% | 0.240% |
| 51 | 5.911 | 5.894 | 5.926 | VV | 212940 | 2329158 | 14.23% | 0.255% |
| 52 | 5.954 | 5.926 | 5.977 | VV | 181268 | 3405667 | 20.80% | 0.374% |
| 53 | 5.993 | 5.977 | 6.006 | VV | 113194 | 1424706 | 8.70%  | 0.156% |
| 54 | 6.013 | 6.006 | 6.025 | VV | 68484  | 716487  | 4.38%  | 0.079% |
| 55 | 6.055 | 6.025 | 6.069 | VV | 213177 | 3293038 | 20.11% | 0.361% |
| 56 | 6.073 | 6.069 | 6.096 | VV | 133968 | 1379477 | 8.43%  | 0.151% |
| 57 | 6.124 | 6.096 | 6.180 | VV | 103153 | 2972663 | 18.16% | 0.326% |
| 58 | 6.213 | 6.180 | 6.234 | VV | 145220 | 2548455 | 15.57% | 0.280% |
| 59 | 6.249 | 6.234 | 6.259 | VV | 70819  | 811211  | 4.96%  | 0.089% |
| 60 | 6.284 | 6.259 | 6.303 | VV | 98829  | 2092271 | 12.78% | 0.229% |
| 61 | 6.325 | 6.303 | 6.344 | VV | 136484 | 2152171 | 13.15% | 0.236% |
| 62 | 6.374 | 6.344 | 6.389 | VV | 113151 | 1827505 | 11.16% | 0.200% |
| 63 | 6.403 | 6.389 | 6.424 | VV | 130288 | 1488635 | 9.09%  | 0.163% |
| 64 | 6.444 | 6.424 | 6.464 | VV | 136385 | 1747432 | 10.67% | 0.192% |
| 65 | 6.478 | 6.464 | 6.489 | VV | 55089  | 618410  | 3.78%  | 0.068% |
| 66 | 6.519 | 6.489 | 6.536 | VV | 234857 | 3094459 | 18.90% | 0.339% |
| 67 | 6.542 | 6.536 | 6.556 | VV | 56124  | 549154  | 3.35%  | 0.060% |
| 68 | 6.569 | 6.556 | 6.586 | VV | 50530  | 636865  | 3.89%  | 0.070% |
| 69 | 6.603 | 6.586 | 6.617 | VV | 55005  | 724962  | 4.43%  | 0.080% |
| 70 | 6.645 | 6.617 | 6.664 | VV | 129187 | 2534751 | 15.48% | 0.278% |
| 71 | 6.681 | 6.664 | 6.716 | VV | 146258 | 3117663 | 19.04% | 0.342% |
| 72 | 6.741 | 6.716 | 6.777 | VV | 315786 | 4868430 | 29.74% | 0.534% |
| 73 | 6.791 | 6.777 | 6.806 | VV | 64308  | 779788  | 4.76%  | 0.086% |
| 74 | 6.834 | 6.806 | 6.853 | VV | 295161 | 4306770 | 26.31% | 0.472% |
| 75 | 6.886 | 6.853 | 6.908 | VV | 205246 | 4066298 | 24.84% | 0.446% |
| 76 | 6.926 | 6.908 | 6.938 | VV | 63747  | 906231  | 5.54%  | 0.099% |
| 77 | 6.947 | 6.938 | 6.962 | VV | 54957  | 628323  | 3.84%  | 0.069% |
| 78 | 6.980 | 6.962 | 6.996 | VV | 42928  | 651192  | 3.98%  | 0.071% |
| 79 | 7.020 | 6.996 | 7.068 | VV | 183746 | 4096236 | 25.02% | 0.449% |
| 80 | 7.098 | 7.068 | 7.108 | VV | 122555 | 2044472 | 12.49% | 0.224% |
| 81 | 7.118 | 7.108 | 7.160 | VV | 116363 | 2055692 | 12.56% | 0.225% |
| 82 | 7.174 | 7.160 | 7.197 | VV | 39815  | 792606  | 4.84%  | 0.087% |
| 83 | 7.218 | 7.197 | 7.247 | VV | 173377 | 2874320 | 17.56% | 0.315% |
| 84 | 7.265 | 7.247 | 7.294 | VV | 131493 | 1894764 | 11.57% | 0.208% |
| 85 | 7.318 | 7.294 | 7.328 | VV | 36974  | 609086  | 3.72%  | 0.067% |
| 86 | 7.353 | 7.328 | 7.395 | VV | 765250 | 9651369 | 58.95% | 1.059% |
| 87 | 7.405 | 7.395 | 7.433 | VV | 61250  | 1015672 | 6.20%  | 0.111% |
| 88 | 7.446 | 7.433 | 7.454 | VV | 43403  | 457936  | 2.80%  | 0.050% |
| 89 | 7.466 | 7.454 | 7.488 | VV | 53189  | 874800  | 5.34%  | 0.096% |

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|     |       |       |       |    |        |         |        |        |
|-----|-------|-------|-------|----|--------|---------|--------|--------|
| 90  | 7.507 | 7.488 | 7.520 | VV | 95690  | 1176232 | 7.18%  | 0.129% |
| 91  | 7.536 | 7.520 | 7.554 | VV | 77103  | 1233982 |        |        |
| 92  | 7.558 | 7.554 | 7.568 | VV | 45032  | 334970  |        |        |
| 93  | 7.591 | 7.568 | 7.596 | VV | 75666  | 1011459 |        |        |
| 94  | 7.616 | 7.596 | 7.648 | VV | 113114 | 2792702 |        |        |
| 95  | 7.662 | 7.648 | 7.691 | VV | 95077  | 1604436 |        |        |
| 96  | 7.727 | 7.691 | 7.770 | VV | 248441 | 6536122 | 39.92% | 0.717% |
| 97  | 7.779 | 7.770 | 7.799 | VV | 50719  | 788221  | 4.81%  | 0.086% |
| 98  | 7.827 | 7.799 | 7.841 | VV | 499139 | 6064502 | 37.04% | 0.665% |
| 99  | 7.854 | 7.841 | 7.872 | VV | 361854 | 3924551 | 23.97% | 0.430% |
| 100 | 7.886 | 7.872 | 7.922 | VV | 126463 | 2356687 | 14.40% | 0.258% |
| 101 | 7.939 | 7.922 | 7.955 | VV | 96711  | 1473675 | 9.00%  | 0.162% |
| 102 | 7.990 | 7.955 | 8.036 | VV | 209689 | 5844961 | 35.70% | 0.641% |
| 103 | 8.055 | 8.036 | 8.072 | VV | 82916  | 1192094 | 7.28%  | 0.131% |
| 104 | 8.094 | 8.072 | 8.106 | VV | 115718 | 1502705 | 9.18%  | 0.165% |
| 105 | 8.120 | 8.106 | 8.134 | VV | 101871 | 1317986 | 8.05%  | 0.145% |
| 106 | 8.145 | 8.134 | 8.164 | VV | 73865  | 1043698 | 6.38%  | 0.114% |
| 107 | 8.202 | 8.164 | 8.242 | VV | 471305 | 6162561 | 37.64% | 0.676% |
| 108 | 8.261 | 8.242 | 8.279 | VV | 77109  | 1225540 | 7.49%  | 0.134% |
| 109 | 8.288 | 8.279 | 8.299 | VV | 54532  | 592077  | 3.62%  | 0.065% |
| 110 | 8.319 | 8.299 | 8.344 | VV | 63939  | 1435770 | 8.77%  | 0.157% |
| 111 | 8.366 | 8.344 | 8.391 | VV | 81965  | 1570242 | 9.59%  | 0.172% |
| 112 | 8.413 | 8.391 | 8.431 | VV | 73450  | 1383752 | 8.45%  | 0.152% |
| 113 | 8.448 | 8.431 | 8.478 | VV | 158639 | 2427985 | 14.83% | 0.266% |
| 114 | 8.493 | 8.478 | 8.505 | VV | 54458  | 732650  | 4.48%  | 0.080% |
| 115 | 8.514 | 8.505 | 8.523 | VV | 48439  | 448243  | 2.74%  | 0.049% |
| 116 | 8.541 | 8.523 | 8.559 | VV | 160643 | 2154103 | 13.16% | 0.236% |
| 117 | 8.571 | 8.559 | 8.596 | VV | 87603  | 1392002 | 8.50%  | 0.153% |
| 118 | 8.611 | 8.596 | 8.622 | VV | 72174  | 899170  | 5.49%  | 0.099% |
| 119 | 8.636 | 8.622 | 8.648 | VV | 81757  | 1031631 | 6.30%  | 0.113% |
| 120 | 8.664 | 8.648 | 8.691 | VV | 99260  | 1986951 | 12.14% | 0.218% |
| 121 | 8.707 | 8.691 | 8.724 | VV | 206033 | 2352055 | 14.37% | 0.258% |
| 122 | 8.747 | 8.724 | 8.791 | VV | 254333 | 3726232 | 22.76% | 0.409% |
| 123 | 8.815 | 8.791 | 8.831 | VV | 37850  | 710546  | 4.34%  | 0.078% |
| 124 | 8.861 | 8.831 | 8.878 | VV | 200757 | 2666680 | 16.29% | 0.292% |
| 125 | 8.892 | 8.878 | 8.910 | VV | 156444 | 1675423 | 10.23% | 0.184% |
| 126 | 8.919 | 8.910 | 8.931 | VV | 32396  | 367771  | 2.25%  | 0.040% |
| 127 | 8.940 | 8.931 | 8.955 | VV | 35839  | 411137  | 2.51%  | 0.045% |
| 128 | 8.994 | 8.955 | 9.015 | VV | 190940 | 3109127 | 18.99% | 0.341% |
| 129 | 9.022 | 9.015 | 9.034 | VV | 35936  | 384056  | 2.35%  | 0.042% |
| 130 | 9.049 | 9.034 | 9.062 | VV | 48088  | 705655  | 4.31%  | 0.077% |
| 131 | 9.094 | 9.062 | 9.123 | VV | 66245  | 1589370 | 9.71%  | 0.174% |
| 132 | 9.154 | 9.123 | 9.173 | VV | 167222 | 2372847 | 14.49% | 0.260% |
| 133 | 9.181 | 9.173 | 9.205 | VV | 56229  | 798599  | 4.88%  | 0.088% |
| 134 | 9.228 | 9.205 | 9.241 | VV | 37634  | 645216  | 3.94%  | 0.071% |
| 135 | 9.260 | 9.241 | 9.270 | VV | 86092  | 1052959 | 6.43%  | 0.115% |
| 136 | 9.280 | 9.270 | 9.299 | VV | 82758  | 936074  | 5.72%  | 0.103% |
| 137 | 9.319 | 9.299 | 9.349 | VV | 41183  | 858996  | 5.25%  | 0.094% |
| 138 | 9.357 | 9.349 | 9.366 | VV | 19615  | 181662  | 1.11%  | 0.020% |
| 139 | 9.401 | 9.366 | 9.434 | VV | 61088  | 1548447 | 9.46%  | 0.170% |
| 140 | 9.451 | 9.434 | 9.466 | VV | 65650  | 866871  | 5.30%  | 0.095% |
| 141 | 9.502 | 9.466 | 9.539 | VV | 56355  | 1767924 | 10.80% | 0.194% |

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 03/30/2022

|     |        |        |        |    |        |         |        |                             |  |
|-----|--------|--------|--------|----|--------|---------|--------|-----------------------------|--|
|     |        |        |        |    |        | rteres  |        | ententanple :<br>WC-14A-3-2 |  |
| 142 | 9.550  | 9.539  | 9.566  | VV | 26196  | 362731  | 2.22%  | 0.040%                      |  |
| 143 | 9.590  | 9.566  | 9.623  | VV | 39905  | 852499  | 5.00%  | 0.040%                      |  |
| 144 | 9.659  | 9.623  | 9.708  | VV | 60299  | 1313268 | 8.00%  | 0.040%                      |  |
| 145 | 9.726  | 9.708  | 9.747  | VV | 17866  | 253299  | 1.00%  | 0.040%                      |  |
| 146 | 9.761  | 9.747  | 9.769  | VV | 14951  | 150704  | 0.00%  | 0.040%                      |  |
| 147 | 9.780  | 9.769  | 9.787  | VV | 14981  | 148751  | 0.00%  | 0.040%                      |  |
| 148 | 9.815  | 9.787  | 9.841  | VV | 72562  | 1118318 | 6.83%  | 0.123%                      |  |
| 149 | 9.886  | 9.841  | 9.906  | VV | 80205  | 1721735 | 10.52% | 0.189%                      |  |
| 150 | 9.919  | 9.906  | 9.929  | VV | 58260  | 675551  | 4.13%  | 0.074%                      |  |
| 151 | 9.946  | 9.929  | 9.973  | VV | 87539  | 1647877 | 10.07% | 0.181%                      |  |
| 152 | 9.989  | 9.973  | 10.011 | VV | 61592  | 1051446 | 6.42%  | 0.115%                      |  |
| 153 | 10.020 | 10.011 | 10.047 | VV | 42504  | 588081  | 3.59%  | 0.065%                      |  |
| 154 | 10.065 | 10.047 | 10.077 | VV | 58557  | 702723  | 4.29%  | 0.077%                      |  |
| 155 | 10.085 | 10.077 | 10.102 | VV | 48728  | 577533  | 3.53%  | 0.063%                      |  |
| 156 | 10.123 | 10.102 | 10.141 | VV | 42745  | 794918  | 4.86%  | 0.087%                      |  |
| 157 | 10.157 | 10.141 | 10.175 | VV | 36378  | 549238  | 3.35%  | 0.060%                      |  |
| 158 | 10.198 | 10.175 | 10.212 | VV | 42763  | 675909  | 4.13%  | 0.074%                      |  |
| 159 | 10.234 | 10.212 | 10.256 | VV | 79091  | 1223418 | 7.47%  | 0.134%                      |  |
| 160 | 10.307 | 10.256 | 10.337 | VV | 152543 | 3158647 | 19.29% | 0.346%                      |  |
| 161 | 10.364 | 10.337 | 10.389 | VV | 38496  | 850981  | 5.20%  | 0.093%                      |  |
| 162 | 10.425 | 10.389 | 10.442 | VV | 40152  | 816716  | 4.99%  | 0.090%                      |  |
| 163 | 10.463 | 10.442 | 10.491 | VV | 77641  | 1482731 | 9.06%  | 0.163%                      |  |
| 164 | 10.497 | 10.491 | 10.516 | VV | 33090  | 431742  | 2.64%  | 0.047%                      |  |
| 165 | 10.559 | 10.516 | 10.587 | VV | 53165  | 1370575 | 8.37%  | 0.150%                      |  |
| 166 | 10.599 | 10.587 | 10.612 | VV | 23751  | 310097  | 1.89%  | 0.034%                      |  |
| 167 | 10.637 | 10.612 | 10.663 | VV | 36701  | 880999  | 5.38%  | 0.097%                      |  |
| 168 | 10.696 | 10.663 | 10.736 | VV | 42884  | 1324376 | 8.09%  | 0.145%                      |  |
| 169 | 10.780 | 10.736 | 10.799 | VV | 54702  | 1480245 | 9.04%  | 0.162%                      |  |
| 170 | 10.821 | 10.799 | 10.839 | VV | 46398  | 1000337 | 6.11%  | 0.110%                      |  |
| 171 | 10.854 | 10.839 | 10.864 | VV | 52423  | 703653  | 4.30%  | 0.077%                      |  |
| 172 | 10.881 | 10.864 | 10.896 | VV | 43995  | 793559  | 4.85%  | 0.087%                      |  |
| 173 | 10.904 | 10.896 | 10.917 | VV | 41205  | 472513  | 2.89%  | 0.052%                      |  |
| 174 | 10.935 | 10.917 | 10.940 | VV | 49669  | 560884  | 3.43%  | 0.062%                      |  |
| 175 | 10.948 | 10.940 | 10.967 | VV | 51220  | 771825  | 4.71%  | 0.085%                      |  |
| 176 | 10.984 | 10.967 | 11.001 | VV | 61265  | 997113  | 6.09%  | 0.109%                      |  |
| 177 | 11.025 | 11.001 | 11.073 | VV | 109609 | 2694540 | 16.46% | 0.296%                      |  |
| 178 | 11.088 | 11.073 | 11.097 | VV | 38060  | 509020  | 3.11%  | 0.056%                      |  |
| 179 | 11.121 | 11.097 | 11.141 | VV | 67986  | 1362898 | 8.33%  | 0.149%                      |  |
| 180 | 11.149 | 11.141 | 11.167 | VV | 40143  | 559230  | 3.42%  | 0.061%                      |  |
| 181 | 11.178 | 11.167 | 11.187 | VV | 37811  | 422235  | 2.58%  | 0.046%                      |  |
| 182 | 11.235 | 11.187 | 11.254 | VV | 442567 | 6302769 | 38.50% | 0.691%                      |  |
| 183 | 11.260 | 11.254 | 11.277 | VV | 97196  | 1119628 | 6.84%  | 0.123%                      |  |
| 184 | 11.294 | 11.277 | 11.316 | VV | 107413 | 1716606 | 10.49% | 0.188%                      |  |
| 185 | 11.323 | 11.316 | 11.336 | VV | 39144  | 433847  | 2.65%  | 0.048%                      |  |
| 186 | 11.366 | 11.336 | 11.387 | VV | 74435  | 1696678 | 10.36% | 0.186%                      |  |
| 187 | 11.407 | 11.387 | 11.424 | VV | 110007 | 1908850 | 11.66% | 0.209%                      |  |
| 188 | 11.439 | 11.424 | 11.492 | VV | 97603  | 2727516 | 16.66% | 0.299%                      |  |
| 189 | 11.515 | 11.492 | 11.529 | VV | 57803  | 1118282 | 6.83%  | 0.123%                      |  |
| 190 | 11.539 | 11.529 | 11.546 | VV | 55158  | 534648  | 3.27%  | 0.059%                      |  |
| 191 | 11.574 | 11.546 | 11.594 | VV | 84874  | 2047046 | 12.50% | 0.225%                      |  |
| 192 | 11.599 | 11.594 | 11.608 | VV | 69130  | 545113  | 3.33%  | 0.060%                      |  |
| 193 | 11.616 | 11.608 | 11.639 | VV | 67950  | 1121094 | 6.85%  | 0.123%                      |  |
| 194 | 11.662 | 11.639 | 11.675 | VV | 67017  | 1205351 | 7.36%  | 0.132%                      |  |

Instrument :

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ClientSampleId :

WC-14A-3-2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/25/2022

Supervised By :mohammad ahmed 03/30/2022

|     |        |        |        |    | rt     | Area    | Area%  | Height |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 195 | 11.712 | 11.675 | 11.722 | VV | 66297  | 1656782 | 10.12% | 0.182% |
| 196 | 11.727 | 11.722 | 11.733 | VV | 60686  | 385176  |        |        |
| 197 | 11.760 | 11.733 | 11.777 | VV | 69219  | 1609752 |        |        |
| 198 | 11.798 | 11.777 | 11.821 | VV | 83955  | 1818768 |        |        |
| 199 | 11.829 | 11.821 | 11.845 | VV | 61217  | 779870  |        |        |
| 200 | 11.879 | 11.845 | 11.899 | VV | 69986  | 1919883 |        |        |
| 201 | 11.909 | 11.899 | 11.915 | VV | 64420  | 580004  | 3.54%  | 0.064% |
| 202 | 11.936 | 11.915 | 11.950 | VV | 73690  | 1387316 | 8.47%  | 0.152% |
| 203 | 11.955 | 11.950 | 11.969 | VV | 66871  | 726314  | 4.44%  | 0.080% |
| 204 | 11.979 | 11.969 | 11.984 | VV | 67550  | 579652  | 3.54%  | 0.064% |
| 205 | 12.004 | 11.984 | 12.032 | VV | 77636  | 1897090 | 11.59% | 0.208% |
| 206 | 12.050 | 12.032 | 12.062 | VV | 98765  | 1555333 | 9.50%  | 0.171% |
| 207 | 12.068 | 12.062 | 12.099 | VV | 93650  | 1687483 | 10.31% | 0.185% |
| 208 | 12.154 | 12.099 | 12.176 | VV | 171007 | 4894234 | 29.90% | 0.537% |
| 209 | 12.190 | 12.176 | 12.208 | VV | 110072 | 1887291 | 11.53% | 0.207% |
| 210 | 12.218 | 12.208 | 12.252 | VV | 104319 | 2287939 | 13.98% | 0.251% |
| 211 | 12.270 | 12.252 | 12.340 | VV | 105694 | 3986667 | 24.35% | 0.437% |
| 212 | 12.368 | 12.340 | 12.374 | VV | 68042  | 1299091 | 7.94%  | 0.142% |
| 213 | 12.397 | 12.374 | 12.420 | VV | 85095  | 1968944 | 12.03% | 0.216% |
| 214 | 12.433 | 12.420 | 12.442 | VV | 67313  | 837544  | 5.12%  | 0.092% |
| 215 | 12.464 | 12.442 | 12.482 | VV | 77630  | 1658224 | 10.13% | 0.182% |
| 216 | 12.512 | 12.482 | 12.540 | VV | 84180  | 2493058 | 15.23% | 0.273% |
| 217 | 12.561 | 12.540 | 12.585 | VV | 145102 | 2687391 | 16.42% | 0.295% |
| 218 | 12.600 | 12.585 | 12.622 | VV | 119760 | 1985184 | 12.13% | 0.218% |
| 219 | 12.674 | 12.622 | 12.700 | VV | 160512 | 4305593 | 26.30% | 0.472% |
| 220 | 12.738 | 12.700 | 12.767 | VV | 100675 | 3573188 | 21.83% | 0.392% |
| 221 | 12.771 | 12.767 | 12.807 | VV | 74918  | 1629134 | 9.95%  | 0.179% |
| 222 | 12.845 | 12.807 | 12.877 | VV | 101681 | 3470833 | 21.20% | 0.381% |
| 223 | 12.898 | 12.877 | 12.932 | VV | 106576 | 2666838 | 16.29% | 0.293% |
| 224 | 12.961 | 12.932 | 12.977 | VV | 89443  | 2010636 | 12.28% | 0.221% |
| 225 | 12.997 | 12.977 | 13.014 | VV | 88488  | 1823821 | 11.14% | 0.200% |
| 226 | 13.034 | 13.014 | 13.047 | VV | 81818  | 1450573 | 8.86%  | 0.159% |
| 227 | 13.068 | 13.047 | 13.096 | VV | 94088  | 2330079 | 14.23% | 0.256% |
| 228 | 13.121 | 13.096 | 13.129 | VV | 89048  | 1590682 | 9.72%  | 0.174% |
| 229 | 13.155 | 13.129 | 13.184 | VV | 157250 | 3368854 | 20.58% | 0.370% |
| 230 | 13.189 | 13.184 | 13.199 | VV | 71328  | 602256  | 3.68%  | 0.066% |
| 231 | 13.204 | 13.199 | 13.217 | VV | 69004  | 727351  | 4.44%  | 0.080% |
| 232 | 13.229 | 13.217 | 13.240 | VV | 66753  | 870928  | 5.32%  | 0.096% |
| 233 | 13.261 | 13.240 | 13.280 | VV | 136608 | 2478121 | 15.14% | 0.272% |
| 234 | 13.297 | 13.280 | 13.316 | VV | 160214 | 2603384 | 15.90% | 0.286% |
| 235 | 13.330 | 13.316 | 13.383 | VV | 101452 | 3289103 | 20.09% | 0.361% |
| 236 | 13.425 | 13.383 | 13.450 | VV | 130626 | 3659974 | 22.36% | 0.401% |
| 237 | 13.463 | 13.450 | 13.494 | VV | 86786  | 1965507 | 12.01% | 0.216% |
| 238 | 13.504 | 13.494 | 13.510 | VV | 68223  | 640693  | 3.91%  | 0.070% |
| 239 | 13.529 | 13.510 | 13.537 | VV | 67675  | 1038656 | 6.34%  | 0.114% |
| 240 | 13.558 | 13.537 | 13.588 | VV | 82495  | 2157143 | 13.18% | 0.237% |
| 241 | 13.607 | 13.588 | 13.634 | VV | 79292  | 1979671 | 12.09% | 0.217% |
| 242 | 13.653 | 13.634 | 13.657 | VV | 75583  | 997247  | 6.09%  | 0.109% |
| 243 | 13.666 | 13.657 | 13.679 | VV | 77899  | 965492  | 5.90%  | 0.106% |
| 244 | 13.692 | 13.679 | 13.706 | VV | 78228  | 1174215 | 7.17%  | 0.129% |
| 245 | 13.715 | 13.706 | 13.725 | VV | 75591  | 838581  | 5.12%  | 0.092% |
| 246 | 13.746 | 13.725 | 13.756 | VV | 79410  | 1395132 | 8.52%  | 0.153% |

| rteres |        |        |        |    |        |          |        |        |  |
|--------|--------|--------|--------|----|--------|----------|--------|--------|--|
| 247    | 13.764 | 13.756 | 13.783 | VV | 80293  | 1200988  | 7.34%  | 0.132% |  |
| 248    | 13.811 | 13.783 | 13.817 | VV | 80672  | 1481181  |        |        |  |
| 249    | 13.847 | 13.817 | 13.871 | VV | 131306 | 3565629  | 21.13% | 0.362% |  |
| 250    | 13.883 | 13.871 | 13.927 | VV | 166157 | 3555980  | 21.11% | 0.199% |  |
| 251    | 13.983 | 13.927 | 14.004 | VV | 123967 | 4950782  | 30.81% | 0.517% |  |
| 252    | 14.016 | 14.004 | 14.037 | VV | 122317 | 2078702  | 12.13% | 0.362% |  |
| 253    | 14.063 | 14.037 | 14.100 | VV | 188649 | 4715699  | 28.81% | 0.517% |  |
| 254    | 14.123 | 14.100 | 14.159 | VV | 119453 | 3296230  | 20.13% | 0.362% |  |
| 255    | 14.189 | 14.159 | 14.197 | VV | 89120  | 1818796  | 11.11% | 0.199% |  |
| 256    | 14.202 | 14.197 | 14.224 | VV | 84517  | 1242180  | 7.59%  | 0.136% |  |
| 257    | 14.243 | 14.224 | 14.249 | VV | 93285  | 1291921  | 7.89%  | 0.142% |  |
| 258    | 14.253 | 14.249 | 14.264 | VV | 91903  | 746127   | 4.56%  | 0.082% |  |
| 259    | 14.281 | 14.264 | 14.294 | VV | 84233  | 1420433  | 8.68%  | 0.156% |  |
| 260    | 14.310 | 14.294 | 14.338 | VV | 92034  | 2102490  | 12.84% | 0.231% |  |
| 261    | 14.352 | 14.338 | 14.362 | VV | 80283  | 1100131  | 6.72%  | 0.121% |  |
| 262    | 14.367 | 14.362 | 14.372 | VV | 75321  | 450349   | 2.75%  | 0.049% |  |
| 263    | 14.391 | 14.372 | 14.402 | VV | 85613  | 1470512  | 8.98%  | 0.161% |  |
| 264    | 14.438 | 14.402 | 14.459 | VV | 351852 | 7119393  | 43.49% | 0.781% |  |
| 265    | 14.480 | 14.459 | 14.501 | VV | 522226 | 7723157  | 47.18% | 0.847% |  |
| 266    | 14.519 | 14.501 | 14.544 | VV | 146202 | 3316016  | 20.26% | 0.364% |  |
| 267    | 14.552 | 14.544 | 14.566 | VV | 115134 | 1412505  | 8.63%  | 0.155% |  |
| 268    | 14.593 | 14.566 | 14.601 | VV | 115800 | 2287172  | 13.97% | 0.251% |  |
| 269    | 14.606 | 14.601 | 14.610 | VV | 111065 | 588654   | 3.60%  | 0.065% |  |
| 270    | 14.640 | 14.610 | 14.667 | VV | 198616 | 5101460  | 31.16% | 0.560% |  |
| 271    | 14.674 | 14.667 | 14.717 | VV | 136628 | 3677636  | 22.46% | 0.403% |  |
| 272    | 14.749 | 14.717 | 14.770 | VV | 238200 | 5423884  | 33.13% | 0.595% |  |
| 273    | 14.786 | 14.770 | 14.847 | VV | 173364 | 5654918  | 34.54% | 0.620% |  |
| 274    | 14.888 | 14.847 | 14.928 | VV | 123386 | 5164121  | 31.54% | 0.566% |  |
| 275    | 14.951 | 14.928 | 14.966 | VV | 104439 | 2245683  | 13.72% | 0.246% |  |
| 276    | 14.992 | 14.966 | 15.021 | VV | 122471 | 3632782  | 22.19% | 0.398% |  |
| 277    | 15.027 | 15.021 | 15.035 | VV | 114064 | 951440   | 5.81%  | 0.104% |  |
| 278    | 15.063 | 15.035 | 15.080 | VV | 237752 | 4863616  | 29.71% | 0.533% |  |
| 279    | 15.116 | 15.080 | 15.134 | VV | 587774 | 11710195 | 71.53% | 1.284% |  |
| 280    | 15.151 | 15.134 | 15.181 | VV | 532403 | 8676331  | 53.00% | 0.952% |  |
| 281    | 15.185 | 15.181 | 15.202 | VV | 154778 | 1927821  | 11.78% | 0.211% |  |
| 282    | 15.217 | 15.202 | 15.225 | VV | 164581 | 2184995  | 13.35% | 0.240% |  |
| 283    | 15.241 | 15.225 | 15.249 | VV | 167741 | 2280833  | 13.93% | 0.250% |  |
| 284    | 15.274 | 15.249 | 15.324 | VV | 270700 | 9122879  | 55.73% | 1.001% |  |
| 285    | 15.357 | 15.324 | 15.369 | VV | 208609 | 4911912  | 30.00% | 0.539% |  |
| 286    | 15.381 | 15.369 | 15.415 | VV | 197957 | 4883306  | 29.83% | 0.536% |  |
| 287    | 15.438 | 15.415 | 15.460 | VV | 185886 | 4299904  | 26.27% | 0.472% |  |
| 288    | 15.480 | 15.460 | 15.491 | VV | 150792 | 2549633  | 15.57% | 0.280% |  |
| 289    | 15.493 | 15.491 | 15.501 | VV | 143146 | 848087   | 5.18%  | 0.093% |  |
| 290    | 15.509 | 15.501 | 15.513 | VV | 138967 | 1064611  | 6.50%  | 0.117% |  |
| 291    | 15.543 | 15.513 | 15.564 | VV | 160976 | 4552876  | 27.81% | 0.499% |  |
| 292    | 15.577 | 15.564 | 15.592 | VV | 162078 | 2558839  | 15.63% | 0.281% |  |
| 293    | 15.610 | 15.592 | 15.628 | VV | 167796 | 3424712  | 20.92% | 0.376% |  |
| 294    | 15.649 | 15.628 | 15.678 | VV | 167075 | 4672787  | 28.54% | 0.513% |  |
| 295    | 15.709 | 15.678 | 15.733 | VV | 342595 | 8094863  | 49.45% | 0.888% |  |
| 296    | 15.752 | 15.733 | 15.769 | VV | 291571 | 5433610  | 33.19% | 0.596% |  |
| 297    | 15.785 | 15.769 | 15.799 | VV | 268561 | 4358381  | 26.62% | 0.478% |  |
| 298    | 15.814 | 15.799 | 15.832 | VV | 248404 | 4473661  | 27.33% | 0.491% |  |
| 299    | 15.857 | 15.832 | 15.862 | VV | 208626 | 3491421  | 21.33% | 0.383% |  |

Instrument :

FID\_D

ClientSampleId :

WC-14A-3-2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 03/25/2022

Supervised By :mohammad ahmed 03/30/2022

|     |        |        |        |    |        |          |         |        |  |
|-----|--------|--------|--------|----|--------|----------|---------|--------|--|
|     |        |        |        |    | rters  |          |         |        |  |
| 300 | 15.869 | 15.862 | 15.880 | VV | 214289 | 2308747  | 14.10%  | 0.253% |  |
| 301 | 15.914 | 15.880 | 15.947 | VV | 272105 | 8623515  |         |        |  |
| 302 | 15.996 | 15.947 | 16.039 | VV | 392411 | 13660132 |         |        |  |
| 303 | 16.047 | 16.039 | 16.058 | VV | 183754 | 2051411  |         |        |  |
| 304 | 16.080 | 16.058 | 16.105 | VV | 190648 | 5066040  |         |        |  |
| 305 | 16.137 | 16.105 | 16.151 | VV | 195532 | 4895441  |         |        |  |
| 306 | 16.182 | 16.151 | 16.216 | VV | 209810 | 7582415  | 46.32%  | 0.832% |  |
| 307 | 16.242 | 16.216 | 16.251 | VV | 202186 | 4140951  | 25.29%  | 0.454% |  |
| 308 | 16.315 | 16.251 | 16.344 | VV | 464545 | 15009715 | 91.68%  | 1.646% |  |
| 309 | 16.375 | 16.344 | 16.417 | VV | 334964 | 10237198 | 62.53%  | 1.123% |  |
| 310 | 16.435 | 16.417 | 16.454 | VV | 213882 | 4495250  | 27.46%  | 0.493% |  |
| 311 | 16.500 | 16.454 | 16.506 | VV | 220448 | 6344113  | 38.75%  | 0.696% |  |
| 312 | 16.521 | 16.506 | 16.547 | VV | 230187 | 5394645  | 32.95%  | 0.592% |  |
| 313 | 16.630 | 16.547 | 16.664 | VV | 266008 | 16371058 | 100.00% | 1.796% |  |
| 314 | 16.681 | 16.664 | 16.709 | VV | 228200 | 5868039  | 35.84%  | 0.644% |  |
| 315 | 16.740 | 16.709 | 16.776 | VV | 324239 | 11062342 | 67.57%  | 1.213% |  |
| 316 | 16.782 | 16.776 | 16.817 | VV | 267852 | 5829531  | 35.61%  | 0.639% |  |
| 317 | 16.830 | 16.817 | 16.841 | VV | 205611 | 2920213  | 17.84%  | 0.320% |  |
| 318 | 16.876 | 16.841 | 16.890 | VV | 373493 | 8353572  | 51.03%  | 0.916% |  |
| 319 | 16.900 | 16.890 | 16.934 | VV | 343321 | 6967813  | 42.56%  | 0.764% |  |
| 320 | 16.961 | 16.934 | 17.018 | VV | 261851 | 11025130 | 67.35%  | 1.209% |  |
| 321 | 17.034 | 17.018 | 17.053 | VV | 208877 | 4219046  | 25.77%  | 0.463% |  |
| 322 | 17.075 | 17.053 | 17.078 | VV | 224929 | 3216696  | 19.65%  | 0.353% |  |
| 323 | 17.085 | 17.078 | 17.113 | VV | 223716 | 4224996  | 25.81%  | 0.463% |  |
| 324 | 17.127 | 17.113 | 17.149 | VV | 196213 | 3987737  | 24.36%  | 0.437% |  |
| 325 | 17.155 | 17.149 | 17.163 | VV | 179017 | 1509709  | 9.22%   | 0.166% |  |
| 326 | 17.185 | 17.163 | 17.199 | VV | 202120 | 4038925  | 24.67%  | 0.443% |  |
| 327 | 17.216 | 17.199 | 17.234 | VV | 193804 | 3876447  | 23.68%  | 0.425% |  |
| 328 | 17.244 | 17.234 | 17.262 | VV | 195935 | 3155316  | 19.27%  | 0.346% |  |
| 329 | 17.280 | 17.262 | 17.286 | VV | 198433 | 2706038  | 16.53%  | 0.297% |  |
| 330 | 17.340 | 17.286 | 17.354 | VV | 300043 | 10523470 | 64.28%  | 1.154% |  |
| 331 | 17.361 | 17.354 | 17.388 | VV | 260304 | 4869781  | 29.75%  | 0.534% |  |
| 332 | 17.423 | 17.388 | 17.458 | VV | 258775 | 9309908  | 56.87%  | 1.021% |  |
| 333 | 17.471 | 17.458 | 17.493 | VV | 201133 | 4021852  | 24.57%  | 0.441% |  |
| 334 | 17.510 | 17.493 | 17.524 | VV | 190177 | 3371405  | 20.59%  | 0.370% |  |
| 335 | 17.545 | 17.524 | 17.570 | VV | 225113 | 5394022  | 32.95%  | 0.592% |  |
| 336 | 17.591 | 17.570 | 17.599 | VV | 166593 | 2804561  | 17.13%  | 0.308% |  |
| 337 | 17.607 | 17.599 | 17.622 | VV | 163874 | 2171051  | 13.26%  | 0.238% |  |
| 338 | 17.651 | 17.622 | 17.679 | VV | 198571 | 5625160  | 34.36%  | 0.617% |  |
| 339 | 17.685 | 17.679 | 17.711 | VV | 143935 | 2621193  | 16.01%  | 0.288% |  |
| 340 | 17.720 | 17.711 | 17.725 | VV | 135552 | 1141658  | 6.97%   | 0.125% |  |
| 341 | 17.744 | 17.725 | 17.761 | VV | 165777 | 3279945  | 20.04%  | 0.360% |  |
| 342 | 17.782 | 17.761 | 17.811 | VV | 202453 | 4927468  | 30.10%  | 0.540% |  |
| 343 | 17.844 | 17.811 | 17.849 | VV | 166358 | 3473778  | 21.22%  | 0.381% |  |
| 344 | 17.875 | 17.849 | 17.890 | VV | 217140 | 4721522  | 28.84%  | 0.518% |  |
| 345 | 17.912 | 17.890 | 17.962 | VV | 236192 | 7214826  | 44.07%  | 0.791% |  |
| 346 | 17.996 | 17.962 | 18.049 | VV | 203381 | 7210743  | 44.05%  | 0.791% |  |
| 347 | 18.054 | 18.049 | 18.060 | VV | 110709 | 727393   | 4.44%   | 0.080% |  |
| 348 | 18.067 | 18.060 | 18.076 | VV | 111115 | 1031615  | 6.30%   | 0.113% |  |
| 349 | 18.106 | 18.076 | 18.133 | VV | 140925 | 4159006  | 25.40%  | 0.456% |  |
| 350 | 18.139 | 18.133 | 18.167 | VV | 102550 | 1901201  | 11.61%  | 0.209% |  |
| 351 | 18.173 | 18.167 | 18.177 | VV | 81368  | 465416   | 2.84%   | 0.051% |  |

Instrument :

FID\_D

ClientSampleId :

WC-14A-3-2

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 03/30/2022

352 18.182 18.177 18.201 VBA 79833 1135172 6.93% 0.125%  
Sum of corrected areas: 9117

Aromatic EPH 032222.M Fri Mar 25 11:57:30 2022

Instrument :

FID\_D

ClientSampleId :

WC-14A-3-2

Manual IntegrationsAPPROVED

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