

rteres

Instrument :

FID\_D

ClientSampleId :

D-17-5-B-SB-39(9.5-10)

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD05312  
 Data File : FD042705.D  
 Signal(s) : FID2B.CH  
 Acq On : 01 Jun 2022 3:52  
 Sample : N3083-19  
 Misc :  
 ALS Vial : 65 Sample Multiplier: 1

Reviewed By :Yogesh Patel 06/01/2022  
 Supervised By :Ankita Jodhani 06/01/2022

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 052722.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         | 3.449       | 3.431        | 3.457      | PV       | 186347         | 1625274      | 0.48%          | 0.007%        |
| 2         | 3.476       | 3.457        | 3.489      | VV       | 1172898        | 12054156     | 3.53%          | 0.055%        |
| 3         | 3.500       | 3.489        | 3.518      | VV       | 850216         | 9147670      | 2.68%          | 0.042%        |
| 4         | 3.538       | 3.518        | 3.548      | VV       | 565065         | 7804633      | 2.29%          | 0.036%        |
| 5         | 3.558       | 3.548        | 3.580      | VV       | 617402         | 8378280      | 2.45%          | 0.038%        |
| 6         | 3.594       | 3.580        | 3.604      | VV       | 427369         | 4567888      | 1.34%          | 0.021%        |
| 7         | 3.625       | 3.604        | 3.658      | VV       | 1385616        | 24564744     | 7.20%          | 0.112%        |
| 8         | 3.689       | 3.658        | 3.710      | VV       | 967791         | 17147534     | 5.02%          | 0.078%        |
| 9         | 3.741       | 3.710        | 3.779      | VV       | 3210011        | 55995074     | 16.41%         | 0.256%        |
| 10        | 3.814       | 3.779        | 3.844      | VV       | 2548038        | 46712779     | 13.69%         | 0.214%        |
| 11        | 3.859       | 3.844        | 3.887      | VV       | 1059619        | 16092656     | 4.72%          | 0.074%        |
| 12        | 3.910       | 3.887        | 3.926      | VV       | 2968846        | 28873656     | 8.46%          | 0.132%        |
| 13        | 3.953       | 3.926        | 4.001      | VV       | 1643539        | 41580571     | 12.18%         | 0.190%        |
| 14        | 4.022       | 4.001        | 4.045      | VV       | 808311         | 14565774     | 4.27%          | 0.067%        |
| 15        | 4.062       | 4.045        | 4.081      | VV       | 1192859        | 19583872     | 5.74%          | 0.090%        |
| 16        | 4.097       | 4.081        | 4.117      | VV       | 1745842        | 28560192     | 8.37%          | 0.131%        |
| 17        | 4.130       | 4.117        | 4.151      | VV       | 1496616        | 20342052     | 5.96%          | 0.093%        |
| 18        | 4.196       | 4.151        | 4.205      | VV       | 1271023        | 25328674     | 7.42%          | 0.116%        |
| 19        | 4.215       | 4.205        | 4.226      | VV       | 1364134        | 15527494     | 4.55%          | 0.071%        |
| 20        | 4.244       | 4.226        | 4.265      | VV       | 2332668        | 35156333     | 10.30%         | 0.161%        |
| 21        | 4.280       | 4.265        | 4.316      | VV       | 1389226        | 24585832     | 7.20%          | 0.112%        |
| 22        | 4.354       | 4.316        | 4.372      | VV       | 2162347        | 36412490     | 10.67%         | 0.167%        |
| 23        | 4.391       | 4.372        | 4.413      | VV       | 1795763        | 32571659     | 9.54%          | 0.149%        |
| 24        | 4.425       | 4.413        | 4.465      | VV       | 1395680        | 35008774     | 10.26%         | 0.160%        |
| 25        | 4.476       | 4.465        | 4.490      | VV       | 916443         | 11435203     | 3.35%          | 0.052%        |
| 26        | 4.508       | 4.490        | 4.560      | VV       | 1614656        | 35357864     | 10.36%         | 0.162%        |
| 27        | 4.609       | 4.560        | 4.621      | VV       | 2006450        | 43451771     | 12.73%         | 0.199%        |
| 28        | 4.644       | 4.621        | 4.686      | VV       | 2773429        | 85164667     | 24.95%         | 0.390%        |
| 29        | 4.718       | 4.686        | 4.745      | VV       | 5255112        | 106463473    | 31.19%         | 0.487%        |
| 30        | 4.770       | 4.745        | 4.809      | VV       | 3005095        | 81455485     | 23.87%         | 0.373%        |
| 31        | 4.834       | 4.809        | 4.849      | VV       | 2881876        | 50680514     | 14.85%         | 0.232%        |
| 32        | 4.874       | 4.849        | 4.897      | VV       | 4948327        | 88701768     | 25.99%         | 0.406%        |
| 33        | 4.937       | 4.897        | 4.957      | VV       | 4574880        | 97104282     | 28.45%         | 0.444%        |
| 34        | 4.973       | 4.957        | 4.989      | VV       | 2284090        | 35040362     | 10.27%         | 0.160%        |
| 35        | 5.010       | 4.989        | 5.035      | VV       | 2287114        | 45222116     | 13.25%         | 0.207%        |
| 36        | 5.081       | 5.035        | 5.121      | VV       | 2363358        | 72308915     | 21.19%         | 0.331%        |

|    |       |       |       |    | riteres |           |        |        |
|----|-------|-------|-------|----|---------|-----------|--------|--------|
| 37 | 5.146 | 5.121 | 5.157 | VV | 2232086 | 35328898  | 10.35% | 0.162% |
| 38 | 5.174 | 5.157 | 5.188 | VV | 3599574 | 50016569  | 14.00% | 0.162% |
| 39 | 5.201 | 5.188 | 5.236 | VV | 3031167 | 60462081  | 17.00% | 0.162% |
| 40 | 5.252 | 5.236 | 5.270 | VV | 1699689 | 29810325  | 8.00%  | 0.162% |
| 41 | 5.297 | 5.270 | 5.327 | VV | 2435540 | 68577581  | 20.00% | 0.162% |
| 42 | 5.354 | 5.327 | 5.369 | VV | 3220418 | 59705535  | 17.00% | 0.162% |
| 43 | 5.385 | 5.369 | 5.401 | VV | 2935340 | 45541442  | 13.34% | 0.208% |
| 44 | 5.420 | 5.401 | 5.463 | VV | 2766385 | 81351731  | 23.84% | 0.372% |
| 45 | 5.474 | 5.463 | 5.487 | VV | 1805395 | 24764383  | 7.26%  | 0.113% |
| 46 | 5.535 | 5.487 | 5.551 | VV | 4381501 | 118822910 | 34.82% | 0.544% |
| 47 | 5.568 | 5.551 | 5.602 | VV | 2528056 | 57986747  | 16.99% | 0.265% |
| 48 | 5.620 | 5.602 | 5.638 | VV | 1944592 | 37241223  | 10.91% | 0.170% |
| 49 | 5.693 | 5.638 | 5.721 | VV | 6918897 | 163206604 | 47.82% | 0.747% |
| 50 | 5.755 | 5.721 | 5.767 | VV | 2534971 | 60568441  | 17.75% | 0.277% |
| 51 | 5.796 | 5.767 | 5.821 | VV | 5324277 | 120833352 | 35.40% | 0.553% |
| 52 | 5.844 | 5.821 | 5.882 | VV | 3717081 | 95629326  | 28.02% | 0.438% |
| 53 | 5.908 | 5.882 | 5.935 | VV | 2905830 | 71083752  | 20.83% | 0.325% |
| 54 | 5.959 | 5.935 | 5.981 | VV | 3105575 | 56856889  | 16.66% | 0.260% |
| 55 | 6.008 | 5.981 | 6.029 | VV | 3746297 | 77191442  | 22.62% | 0.353% |
| 56 | 6.058 | 6.029 | 6.095 | VV | 2711578 | 92291698  | 27.04% | 0.422% |
| 57 | 6.105 | 6.095 | 6.123 | VV | 2245451 | 34267944  | 10.04% | 0.157% |
| 58 | 6.158 | 6.123 | 6.169 | VV | 2889387 | 62666321  | 18.36% | 0.287% |
| 59 | 6.187 | 6.169 | 6.214 | VV | 3531714 | 75298022  | 22.06% | 0.345% |
| 60 | 6.269 | 6.214 | 6.281 | VV | 3441946 | 113576430 | 33.28% | 0.520% |
| 61 | 6.297 | 6.281 | 6.315 | VV | 3622171 | 65879117  | 19.30% | 0.301% |
| 62 | 6.329 | 6.315 | 6.352 | VV | 3206926 | 65797464  | 19.28% | 0.301% |
| 63 | 6.374 | 6.352 | 6.397 | VV | 3681077 | 78831509  | 23.10% | 0.361% |
| 64 | 6.423 | 6.397 | 6.458 | VV | 3878915 | 118376675 | 34.68% | 0.542% |
| 65 | 6.469 | 6.458 | 6.491 | VV | 3022896 | 53129103  | 15.57% | 0.243% |
| 66 | 6.505 | 6.491 | 6.534 | VV | 2983235 | 63920237  | 18.73% | 0.292% |
| 67 | 6.573 | 6.534 | 6.611 | VV | 2817955 | 115069654 | 33.72% | 0.526% |
| 68 | 6.657 | 6.611 | 6.673 | VV | 7700685 | 177975446 | 52.15% | 0.814% |
| 69 | 6.687 | 6.673 | 6.707 | VV | 5081185 | 81545531  | 23.89% | 0.373% |
| 70 | 6.718 | 6.707 | 6.747 | VV | 3025126 | 66294460  | 19.42% | 0.303% |
| 71 | 6.773 | 6.747 | 6.797 | VV | 3429230 | 90055141  | 26.39% | 0.412% |
| 72 | 6.825 | 6.797 | 6.864 | VV | 5172083 | 140006105 | 41.02% | 0.641% |
| 73 | 6.893 | 6.864 | 6.919 | VV | 4047637 | 109047969 | 31.95% | 0.499% |
| 74 | 6.957 | 6.919 | 6.981 | VV | 3394539 | 104072152 | 30.49% | 0.476% |
| 75 | 7.006 | 6.981 | 7.040 | VV | 4147053 | 125044013 | 36.64% | 0.572% |
| 76 | 7.058 | 7.040 | 7.092 | VV | 4510256 | 108910277 | 31.91% | 0.498% |
| 77 | 7.114 | 7.092 | 7.152 | VV | 3789209 | 116279961 | 34.07% | 0.532% |
| 78 | 7.161 | 7.152 | 7.178 | VV | 2830557 | 40615724  | 11.90% | 0.186% |
| 79 | 7.221 | 7.178 | 7.248 | VV | 8849211 | 223313306 | 65.43% | 1.022% |
| 80 | 7.268 | 7.248 | 7.289 | VV | 4326305 | 87378908  | 25.60% | 0.400% |
| 81 | 7.313 | 7.289 | 7.335 | VV | 4405291 | 99348101  | 29.11% | 0.455% |
| 82 | 7.356 | 7.335 | 7.375 | VV | 3269855 | 76807935  | 22.51% | 0.351% |
| 83 | 7.404 | 7.375 | 7.454 | VV | 4409676 | 166650792 | 48.83% | 0.762% |
| 84 | 7.491 | 7.454 | 7.505 | VV | 3822122 | 107000664 | 31.35% | 0.490% |
| 85 | 7.515 | 7.505 | 7.533 | VV | 3633132 | 58438753  | 17.12% | 0.267% |
| 86 | 7.554 | 7.533 | 7.578 | VV | 3419465 | 88061174  | 25.80% | 0.403% |
| 87 | 7.607 | 7.578 | 7.638 | VV | 6349169 | 159106748 | 46.62% | 0.728% |
| 88 | 7.650 | 7.638 | 7.673 | VV | 3576600 | 67618417  | 19.81% | 0.309% |
| 89 | 7.691 | 7.673 | 7.704 | VV | 2897260 | 50023759  | 14.66% | 0.229% |

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| rteres |        |        |        |    |         |           |         |        |  |
|--------|--------|--------|--------|----|---------|-----------|---------|--------|--|
| 90     | 7.731  | 7.704  | 7.742  | VV | 3981453 | 78098927  | 22.88%  | 0.357% |  |
| 91     | 7.774  | 7.742  | 7.829  | VV | 4687084 | 197710470 | 57.94%  | 0.468% |  |
| 92     | 7.867  | 7.829  | 7.882  | VV | 3520313 | 102316796 | 29.94%  | 1.201% |  |
| 93     | 7.893  | 7.882  | 7.925  | VV | 3495966 | 85471336  | 25.50%  | 0.331% |  |
| 94     | 7.943  | 7.925  | 7.962  | VV | 3280397 | 70215382  | 20.00%  | 1.562% |  |
| 95     | 8.008  | 7.962  | 8.035  | VV | 4083511 | 154193274 | 45.53%  | 0.711% |  |
| 96     | 8.042  | 8.035  | 8.086  | VV | 3623619 | 102180945 | 29.94%  | 0.468% |  |
| 97     | 8.146  | 8.086  | 8.168  | VV | 8151820 | 262599513 | 76.94%  | 1.201% |  |
| 98     | 8.183  | 8.168  | 8.204  | VV | 3658847 | 72417414  | 21.22%  | 0.331% |  |
| 99     | 8.252  | 8.204  | 8.331  | VV | 5572501 | 341291941 | 100.00% | 1.562% |  |
| 100    | 8.360  | 8.331  | 8.377  | VV | 4627604 | 108029379 | 31.65%  | 0.494% |  |
| 101    | 8.412  | 8.377  | 8.441  | VV | 4983957 | 163744752 | 47.98%  | 0.749% |  |
| 102    | 8.489  | 8.441  | 8.509  | VV | 4518714 | 160149653 | 46.92%  | 0.733% |  |
| 103    | 8.521  | 8.509  | 8.568  | VV | 4031743 | 131296438 | 38.47%  | 0.601% |  |
| 104    | 8.590  | 8.568  | 8.643  | VV | 4051429 | 155389601 | 45.53%  | 0.711% |  |
| 105    | 8.672  | 8.643  | 8.743  | VV | 4370420 | 220777939 | 64.69%  | 1.010% |  |
| 106    | 8.771  | 8.743  | 8.796  | VV | 4234905 | 115812762 | 33.93%  | 0.530% |  |
| 107    | 8.864  | 8.796  | 8.911  | VV | 8020472 | 314592837 | 92.18%  | 1.439% |  |
| 108    | 8.961  | 8.911  | 8.977  | VV | 4272014 | 145257947 | 42.56%  | 0.665% |  |
| 109    | 8.990  | 8.977  | 9.044  | VV | 4246294 | 142342369 | 41.71%  | 0.651% |  |
| 110    | 9.079  | 9.044  | 9.102  | VV | 4340777 | 131594821 | 38.56%  | 0.602% |  |
| 111    | 9.135  | 9.102  | 9.155  | VV | 4284426 | 126731316 | 37.13%  | 0.580% |  |
| 112    | 9.181  | 9.155  | 9.198  | VV | 4542375 | 104062613 | 30.49%  | 0.476% |  |
| 113    | 9.207  | 9.198  | 9.238  | VV | 3652257 | 79133682  | 23.19%  | 0.362% |  |
| 114    | 9.291  | 9.238  | 9.309  | VV | 3920761 | 139608997 | 40.91%  | 0.639% |  |
| 115    | 9.322  | 9.309  | 9.341  | VV | 3690786 | 64306902  | 18.84%  | 0.294% |  |
| 116    | 9.358  | 9.341  | 9.373  | VV | 3053711 | 55612784  | 16.29%  | 0.254% |  |
| 117    | 9.424  | 9.373  | 9.473  | VV | 4357668 | 200137308 | 58.64%  | 0.916% |  |
| 118    | 9.500  | 9.473  | 9.516  | VV | 3822031 | 87035460  | 25.50%  | 0.398% |  |
| 119    | 9.524  | 9.516  | 9.548  | VV | 3463680 | 60343491  | 17.68%  | 0.276% |  |
| 120    | 9.579  | 9.548  | 9.629  | VV | 4704533 | 170049568 | 49.83%  | 0.778% |  |
| 121    | 9.659  | 9.629  | 9.685  | VV | 3470883 | 104112800 | 30.51%  | 0.476% |  |
| 122    | 9.697  | 9.685  | 9.725  | VV | 3087171 | 70189312  | 20.57%  | 0.321% |  |
| 123    | 9.737  | 9.725  | 9.764  | VV | 2769624 | 61635942  | 18.06%  | 0.282% |  |
| 124    | 9.773  | 9.764  | 9.788  | VV | 2422523 | 34441086  | 10.09%  | 0.158% |  |
| 125    | 9.819  | 9.788  | 9.827  | VV | 2939512 | 63508471  | 18.61%  | 0.291% |  |
| 126    | 9.856  | 9.827  | 9.887  | VV | 3570613 | 113510103 | 33.26%  | 0.519% |  |
| 127    | 9.912  | 9.887  | 9.939  | VV | 3170068 | 94508689  | 27.69%  | 0.432% |  |
| 128    | 9.949  | 9.939  | 9.958  | VV | 2865069 | 31394369  | 9.20%   | 0.144% |  |
| 129    | 9.971  | 9.958  | 9.985  | VV | 2864574 | 46829334  | 13.72%  | 0.214% |  |
| 130    | 10.003 | 9.985  | 10.042 | VV | 2942468 | 90345289  | 26.47%  | 0.413% |  |
| 131    | 10.081 | 10.042 | 10.148 | VV | 2748422 | 154933020 | 45.40%  | 0.709% |  |
| 132    | 10.169 | 10.148 | 10.201 | VV | 2413749 | 73082879  | 21.41%  | 0.334% |  |
| 133    | 10.233 | 10.201 | 10.253 | VV | 2659749 | 74436011  | 21.81%  | 0.341% |  |
| 134    | 10.297 | 10.253 | 10.323 | VV | 5407018 | 154923508 | 45.39%  | 0.709% |  |
| 135    | 10.363 | 10.323 | 10.399 | VV | 3004186 | 122954511 | 36.03%  | 0.563% |  |
| 136    | 10.428 | 10.399 | 10.461 | VV | 2686641 | 89381220  | 26.19%  | 0.409% |  |
| 137    | 10.502 | 10.461 | 10.535 | VV | 2461569 | 101794466 | 29.83%  | 0.466% |  |
| 138    | 10.560 | 10.535 | 10.593 | VV | 2626071 | 83879299  | 24.58%  | 0.384% |  |
| 139    | 10.629 | 10.593 | 10.645 | VV | 2615885 | 75390678  | 22.09%  | 0.345% |  |
| 140    | 10.657 | 10.645 | 10.675 | VV | 2655878 | 45739396  | 13.40%  | 0.209% |  |
| 141    | 10.721 | 10.675 | 10.741 | VV | 6375706 | 166651451 | 48.83%  | 0.762% |  |

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Supervised By :Ankita Jodhani 06/01/2022

|     |        |        |        |        |         |           |        |        |
|-----|--------|--------|--------|--------|---------|-----------|--------|--------|
|     |        |        |        |        |         |           |        |        |
|     |        |        |        | rteres |         |           |        |        |
| 142 | 10.752 | 10.741 | 10.788 | VV     | 2533703 | 64447813  | 18.88% | 0.295% |
| 143 | 10.804 | 10.788 | 10.818 | VV     | 2103499 | 37574422  | 11.11% | 0.295% |
| 144 | 10.837 | 10.818 | 10.851 | VV     | 2118364 | 41302137  | 12.22% | 0.295% |
| 145 | 10.889 | 10.851 | 10.940 | VV     | 2475987 | 118132939 | 34.34% | 0.295% |
| 146 | 10.963 | 10.940 | 10.997 | VV     | 2248222 | 70963867  | 20.20% | 0.407% |
| 147 | 11.021 | 10.997 | 11.052 | VV     | 2615711 | 72666429  | 21.21% | 0.407% |
| 148 | 11.103 | 11.052 | 11.131 | VV     | 2000870 | 88956629  | 26.06% | 0.407% |
| 149 | 11.192 | 11.131 | 11.219 | VV     | 2072127 | 101339301 | 29.69% | 0.464% |
| 150 | 11.247 | 11.219 | 11.264 | VV     | 2058781 | 53581895  | 15.70% | 0.245% |
| 151 | 11.282 | 11.264 | 11.302 | VV     | 2168417 | 47281876  | 13.85% | 0.216% |
| 152 | 11.314 | 11.302 | 11.340 | VV     | 2044326 | 44878434  | 13.15% | 0.205% |
| 153 | 11.378 | 11.340 | 11.387 | VV     | 2004778 | 54310078  | 15.91% | 0.248% |
| 154 | 11.428 | 11.387 | 11.455 | VV     | 4343441 | 119624648 | 35.05% | 0.547% |
| 155 | 11.479 | 11.455 | 11.505 | VV     | 2086020 | 56064304  | 16.43% | 0.257% |
| 156 | 11.537 | 11.505 | 11.558 | VV     | 1989100 | 58242106  | 17.07% | 0.266% |
| 157 | 11.595 | 11.558 | 11.607 | VV     | 1870458 | 52873436  | 15.49% | 0.242% |
| 158 | 11.641 | 11.607 | 11.661 | VV     | 2182899 | 64767024  | 18.98% | 0.296% |
| 159 | 11.688 | 11.661 | 11.705 | VV     | 1952601 | 49204999  | 14.42% | 0.225% |
| 160 | 11.721 | 11.705 | 11.747 | VV     | 1973603 | 44555885  | 13.06% | 0.204% |
| 161 | 11.793 | 11.747 | 11.813 | VV     | 1837553 | 67724384  | 19.84% | 0.310% |
| 162 | 11.838 | 11.813 | 11.855 | VV     | 2134182 | 48353633  | 14.17% | 0.221% |
| 163 | 11.873 | 11.855 | 11.918 | VV     | 2130809 | 69763001  | 20.44% | 0.319% |
| 164 | 11.983 | 11.918 | 12.008 | VV     | 2416030 | 101233480 | 29.66% | 0.463% |
| 165 | 12.022 | 12.008 | 12.049 | VV     | 1735547 | 41056195  | 12.03% | 0.188% |
| 166 | 12.105 | 12.049 | 12.121 | VV     | 1712780 | 70915023  | 20.78% | 0.324% |
| 167 | 12.135 | 12.121 | 12.175 | VV     | 1711863 | 52045141  | 15.25% | 0.238% |
| 168 | 12.241 | 12.175 | 12.301 | VV     | 1811925 | 128722487 | 37.72% | 0.589% |
| 169 | 12.325 | 12.301 | 12.345 | VV     | 1820250 | 45708298  | 13.39% | 0.209% |
| 170 | 12.360 | 12.345 | 12.370 | VV     | 1793823 | 26305147  | 7.71%  | 0.120% |
| 171 | 12.389 | 12.370 | 12.408 | VV     | 1997371 | 42746810  | 12.52% | 0.196% |
| 172 | 12.425 | 12.408 | 12.455 | VV     | 1897792 | 49327684  | 14.45% | 0.226% |
| 173 | 12.481 | 12.455 | 12.528 | VV     | 1918175 | 77082117  | 22.59% | 0.353% |
| 174 | 12.581 | 12.528 | 12.614 | VV     | 2456822 | 105761694 | 30.99% | 0.484% |
| 175 | 12.632 | 12.614 | 12.683 | VV     | 2136658 | 79948024  | 23.43% | 0.366% |
| 176 | 12.722 | 12.683 | 12.741 | VV     | 1860077 | 62285981  | 18.25% | 0.285% |
| 177 | 12.767 | 12.741 | 12.790 | VV     | 1816164 | 51072822  | 14.96% | 0.234% |
| 178 | 12.826 | 12.790 | 12.869 | VV     | 1757813 | 79509103  | 23.30% | 0.364% |
| 179 | 12.901 | 12.869 | 12.924 | VV     | 1743906 | 56099067  | 16.44% | 0.257% |
| 180 | 12.954 | 12.924 | 12.978 | VV     | 1799891 | 54897255  | 16.09% | 0.251% |
| 181 | 13.001 | 12.978 | 13.016 | VV     | 1901401 | 40753357  | 11.94% | 0.186% |
| 182 | 13.032 | 13.016 | 13.054 | VV     | 2004438 | 43240584  | 12.67% | 0.198% |
| 183 | 13.078 | 13.054 | 13.104 | VV     | 2049608 | 56392806  | 16.52% | 0.258% |
| 184 | 13.131 | 13.104 | 13.168 | VV     | 2271926 | 77512350  | 22.71% | 0.355% |
| 185 | 13.185 | 13.168 | 13.236 | VV     | 1913714 | 73909829  | 21.66% | 0.338% |
| 186 | 13.292 | 13.236 | 13.315 | VV     | 1940512 | 86449876  | 25.33% | 0.396% |
| 187 | 13.339 | 13.315 | 13.375 | VV     | 2036496 | 66543193  | 19.50% | 0.304% |
| 188 | 13.427 | 13.375 | 13.448 | VV     | 1918298 | 80045366  | 23.45% | 0.366% |
| 189 | 13.472 | 13.448 | 13.495 | VV     | 2091539 | 55049945  | 16.13% | 0.252% |
| 190 | 13.506 | 13.495 | 13.528 | VV     | 1882215 | 36033798  | 10.56% | 0.165% |
| 191 | 13.559 | 13.528 | 13.570 | VV     | 1947923 | 48064969  | 14.08% | 0.220% |
| 192 | 13.586 | 13.570 | 13.619 | VV     | 1996834 | 55020042  | 16.12% | 0.252% |
| 193 | 13.696 | 13.619 | 13.718 | VV     | 1992420 | 111797641 | 32.76% | 0.512% |
| 194 | 13.745 | 13.718 | 13.798 | VV     | 2152054 | 95430721  | 27.96% | 0.437% |

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FID\_D  
ClientSampleId :  
D-17-5-B-SB-39(9.5-10)

Manual IntegrationsAPPROVED

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|     |        |        |        |    |         |           |        |        |
|-----|--------|--------|--------|----|---------|-----------|--------|--------|
| 195 | 13.807 | 13.798 | 13.826 | VV | 1856688 | 30847920  | 9.04%  | 0.141% |
| 196 | 13.853 | 13.826 | 13.861 | VV | 1982491 | 39639877  | 11.16% | 0.174% |
| 197 | 13.875 | 13.861 | 13.895 | VV | 2018366 | 40330477  | 11.16% | 0.174% |
| 198 | 13.909 | 13.895 | 13.928 | VV | 1966744 | 37953221  | 11.16% | 0.174% |
| 199 | 13.976 | 13.928 | 14.021 | VV | 1973343 | 105112652 | 30.88% | 0.482% |
| 200 | 14.068 | 14.021 | 14.107 | VV | 2228554 | 102696902 | 30.88% | 0.482% |
| 201 | 14.139 | 14.107 | 14.184 | VV | 2022161 | 88178726  | 25.84% | 0.403% |
| 202 | 14.211 | 14.184 | 14.254 | VV | 2024222 | 82117788  | 24.06% | 0.376% |
| 203 | 14.267 | 14.254 | 14.279 | VV | 1960032 | 29181664  | 8.55%  | 0.134% |
| 204 | 14.299 | 14.279 | 14.334 | VV | 1992260 | 64835861  | 19.00% | 0.297% |
| 205 | 14.346 | 14.334 | 14.378 | VV | 1980849 | 50148657  | 14.69% | 0.229% |
| 206 | 14.398 | 14.378 | 14.411 | VV | 1894892 | 38096390  | 11.16% | 0.174% |
| 207 | 14.468 | 14.411 | 14.484 | VV | 1999426 | 84633079  | 24.80% | 0.387% |
| 208 | 14.522 | 14.484 | 14.587 | VV | 2179332 | 123939186 | 36.31% | 0.567% |
| 209 | 14.599 | 14.587 | 14.617 | VV | 1919191 | 33887385  | 9.93%  | 0.155% |
| 210 | 14.662 | 14.617 | 14.683 | VV | 2029052 | 77291843  | 22.65% | 0.354% |
| 211 | 14.690 | 14.683 | 14.757 | VV | 1985927 | 84344919  | 24.71% | 0.386% |
| 212 | 14.770 | 14.757 | 14.782 | VV | 1858393 | 27449930  | 8.04%  | 0.126% |
| 213 | 14.790 | 14.782 | 14.805 | VV | 1855607 | 26225101  | 7.68%  | 0.120% |
| 214 | 14.864 | 14.805 | 14.902 | VV | 2092688 | 114710560 | 33.61% | 0.525% |
| 215 | 14.925 | 14.902 | 14.941 | VV | 2006229 | 45262260  | 13.26% | 0.207% |
| 216 | 14.951 | 14.941 | 14.960 | VV | 1975566 | 23004682  | 6.74%  | 0.105% |
| 217 | 14.982 | 14.960 | 15.020 | VV | 1968213 | 69071798  | 20.24% | 0.316% |
| 218 | 15.035 | 15.020 | 15.047 | VV | 1968596 | 31620577  | 9.26%  | 0.145% |
| 219 | 15.079 | 15.047 | 15.114 | VV | 2110288 | 80053284  | 23.46% | 0.366% |
| 220 | 15.124 | 15.114 | 15.139 | VV | 1926445 | 28273406  | 8.28%  | 0.129% |
| 221 | 15.151 | 15.139 | 15.162 | VV | 1931032 | 25971857  | 7.61%  | 0.119% |
| 222 | 15.193 | 15.162 | 15.241 | VV | 2053446 | 93362072  | 27.36% | 0.427% |
| 223 | 15.275 | 15.241 | 15.298 | VV | 1971046 | 65083740  | 19.07% | 0.298% |
| 224 | 15.314 | 15.298 | 15.335 | VV | 1888389 | 41136004  | 12.05% | 0.188% |
| 225 | 15.338 | 15.335 | 15.345 | VV | 1886434 | 11170228  | 3.27%  | 0.051% |
| 226 | 15.372 | 15.345 | 15.385 | VV | 1960018 | 45829089  | 13.43% | 0.210% |
| 227 | 15.399 | 15.385 | 15.437 | VV | 1922441 | 59381899  | 17.40% | 0.272% |
| 228 | 15.485 | 15.437 | 15.496 | VV | 2129004 | 70290777  | 20.60% | 0.322% |
| 229 | 15.501 | 15.496 | 15.531 | VV | 2108550 | 43123734  | 12.64% | 0.197% |
| 230 | 15.565 | 15.531 | 15.588 | VV | 2099545 | 68153765  | 19.97% | 0.312% |
| 231 | 15.603 | 15.588 | 15.635 | VV | 2041147 | 54841148  | 16.07% | 0.251% |
| 232 | 15.688 | 15.635 | 15.698 | VV | 1946576 | 72291945  | 21.18% | 0.331% |
| 233 | 15.715 | 15.698 | 15.744 | VV | 2031133 | 54453652  | 15.96% | 0.249% |
| 234 | 15.769 | 15.744 | 15.887 | VV | 2123265 | 167761729 | 49.15% | 0.768% |
| 235 | 15.903 | 15.887 | 15.911 | VV | 1895723 | 27243632  | 7.98%  | 0.125% |
| 236 | 15.923 | 15.911 | 15.945 | VV | 1894914 | 37664608  | 11.04% | 0.172% |
| 237 | 16.001 | 15.945 | 16.044 | VV | 2064567 | 114801771 | 33.64% | 0.525% |
| 238 | 16.058 | 16.044 | 16.082 | VV | 1886730 | 42346474  | 12.41% | 0.194% |
| 239 | 16.167 | 16.082 | 16.188 | VV | 2102526 | 122230201 | 35.81% | 0.559% |
| 240 | 16.199 | 16.188 | 16.228 | VV | 2011594 | 47017449  | 13.78% | 0.215% |
| 241 | 16.273 | 16.228 | 16.315 | VV | 2160634 | 105402129 | 30.88% | 0.482% |
| 242 | 16.338 | 16.315 | 16.348 | VV | 2018177 | 39540462  | 11.59% | 0.181% |
| 243 | 16.357 | 16.348 | 16.371 | VV | 1962334 | 27181658  | 7.96%  | 0.124% |
| 244 | 16.376 | 16.371 | 16.404 | VV | 1946228 | 37242564  | 10.91% | 0.170% |
| 245 | 16.423 | 16.404 | 16.438 | VV | 1925753 | 38842489  | 11.38% | 0.178% |
| 246 | 16.450 | 16.438 | 16.521 | VV | 1963330 | 93835704  | 27.49% | 0.429% |

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FID\_D

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D-17-5-B-SB-39(9.5-10)

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| rteres |        |        |        |    |         |           |               |
|--------|--------|--------|--------|----|---------|-----------|---------------|
| 247    | 16.596 | 16.521 | 16.601 | VV | 1896110 | 88172817  | 25.84% 0.403% |
| 248    | 16.656 | 16.601 | 16.728 | VV | 2043208 | 147595134 | 43.84% 0.403% |
| 249    | 16.778 | 16.728 | 16.832 | VV | 2045448 | 118656534 | 34.84% 0.403% |
| 250    | 16.843 | 16.832 | 16.865 | VV | 1807970 | 34504995  | 10.84% 0.403% |
| 251    | 16.908 | 16.865 | 16.917 | VV | 1871778 | 56585680  | 16.84% 0.154% |
| 252    | 16.942 | 16.917 | 17.015 | VV | 2005923 | 109747214 | 32.84% 0.139% |
| 253    | 17.028 | 17.015 | 17.045 | VV | 1862366 | 33673563  | 9.87% 0.154%  |
| 254    | 17.058 | 17.045 | 17.073 | VV | 1849893 | 30376936  | 8.90% 0.139%  |
| 255    | 17.134 | 17.073 | 17.148 | VV | 1970082 | 84113547  | 24.65% 0.385% |
| 256    | 17.159 | 17.148 | 17.204 | VV | 1910230 | 61247495  | 17.95% 0.280% |
| 257    | 17.231 | 17.204 | 17.293 | VV | 1841303 | 94274558  | 27.62% 0.431% |
| 258    | 17.343 | 17.293 | 17.382 | VV | 1840535 | 92678164  | 27.16% 0.424% |
| 259    | 17.400 | 17.382 | 17.425 | VV | 1709719 | 43682559  | 12.80% 0.200% |
| 260    | 17.485 | 17.425 | 17.509 | VV | 1853058 | 88301037  | 25.87% 0.404% |
| 261    | 17.517 | 17.509 | 17.568 | VV | 1659023 | 56738732  | 16.62% 0.260% |
| 262    | 17.581 | 17.568 | 17.605 | VV | 1638253 | 35161124  | 10.30% 0.161% |
| 263    | 17.617 | 17.605 | 17.634 | VV | 1545933 | 26643462  | 7.81% 0.122%  |
| 264    | 17.646 | 17.634 | 17.679 | VV | 1562278 | 41334644  | 12.11% 0.189% |
| 265    | 17.705 | 17.679 | 17.757 | VV | 1696741 | 74426792  | 21.81% 0.341% |
| 266    | 17.802 | 17.757 | 17.831 | VV | 1598503 | 69611048  | 20.40% 0.318% |
| 267    | 17.853 | 17.831 | 17.888 | VV | 1501112 | 50364211  | 14.76% 0.230% |
| 268    | 17.925 | 17.888 | 17.935 | VV | 1510882 | 41371089  | 12.12% 0.189% |
| 269    | 17.957 | 17.935 | 17.981 | VV | 1618793 | 42988403  | 12.60% 0.197% |
| 270    | 17.991 | 17.981 | 18.032 | VV | 1549493 | 44893265  | 13.15% 0.205% |
| 271    | 18.051 | 18.032 | 18.088 | VV | 1397187 | 45905100  | 13.45% 0.210% |
| 272    | 18.097 | 18.088 | 18.121 | VV | 1385939 | 26531901  | 7.77% 0.121%  |
| 273    | 18.151 | 18.121 | 18.221 | VV | 1516046 | 82507966  | 24.18% 0.378% |
| 274    | 18.236 | 18.221 | 18.246 | VV | 1271870 | 18874387  | 5.53% 0.086%  |
| 275    | 18.260 | 18.246 | 18.278 | VV | 1276233 | 23902740  | 7.00% 0.109%  |
| 276    | 18.319 | 18.278 | 18.408 | VV | 1496027 | 99911649  | 29.27% 0.457% |
| 277    | 18.461 | 18.408 | 18.525 | VV | 1253394 | 83548092  | 24.48% 0.382% |
| 278    | 18.536 | 18.525 | 18.548 | VV | 1154879 | 15356524  | 4.50% 0.070%  |
| 279    | 18.559 | 18.548 | 18.580 | VV | 1130457 | 21685578  | 6.35% 0.099%  |
| 280    | 18.602 | 18.580 | 18.638 | VV | 1227520 | 40002181  | 11.72% 0.183% |
| 281    | 18.652 | 18.638 | 18.691 | VV | 1066605 | 33264570  | 9.75% 0.152%  |
| 282    | 18.733 | 18.691 | 18.756 | VV | 1146411 | 41819893  | 12.25% 0.191% |
| 283    | 18.783 | 18.756 | 18.851 | VV | 1126784 | 58894173  | 17.26% 0.269% |
| 284    | 18.873 | 18.851 | 18.931 | VV | 1029443 | 47751461  | 13.99% 0.218% |
| 285    | 18.966 | 18.931 | 18.988 | VV | 1010791 | 33594672  | 9.84% 0.154%  |
| 286    | 19.008 | 18.988 | 19.042 | VV | 970129  | 30738428  | 9.01% 0.141%  |
| 287    | 19.058 | 19.042 | 19.098 | VV | 975328  | 31014541  | 9.09% 0.142%  |
| 288    | 19.122 | 19.098 | 19.141 | VV | 920142  | 22733449  | 6.66% 0.104%  |
| 289    | 19.159 | 19.141 | 19.168 | VV | 899278  | 14287624  | 4.19% 0.065%  |
| 290    | 19.182 | 19.168 | 19.191 | VV | 917114  | 12750686  | 3.74% 0.058%  |
| 291    | 19.201 | 19.191 | 19.221 | VV | 907137  | 15570148  | 4.56% 0.071%  |
| 292    | 19.230 | 19.221 | 19.245 | VV | 850908  | 11975884  | 3.51% 0.055%  |
| 293    | 19.259 | 19.245 | 19.274 | VV | 837882  | 14312573  | 4.19% 0.065%  |
| 294    | 19.285 | 19.274 | 19.303 | VV | 841727  | 14584779  | 4.27% 0.067%  |
| 295    | 19.329 | 19.303 | 19.351 | VV | 824677  | 23471379  | 6.88% 0.107%  |
| 296    | 19.413 | 19.351 | 19.492 | VV | 929025  | 69695625  | 20.42% 0.319% |
| 297    | 19.514 | 19.492 | 19.550 | VV | 767401  | 26092211  | 7.65% 0.119%  |
| 298    | 19.574 | 19.550 | 19.595 | VV | 766546  | 20460255  | 5.99% 0.094%  |
| 299    | 19.610 | 19.595 | 19.623 | VV | 761604  | 12406315  | 3.64% 0.057%  |

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|     |        |        |        |     |        |          |        |        |
|-----|--------|--------|--------|-----|--------|----------|--------|--------|
|     |        |        |        |     | rters  |          |        |        |
| 300 | 19.641 | 19.623 | 19.711 | VV  | 738131 | 38151165 | 11.18% | 0.175% |
| 301 | 19.785 | 19.711 | 19.874 | VV  | 792509 | 70979135 |        |        |
| 302 | 19.892 | 19.874 | 20.025 | VV  | 684184 | 59571429 |        |        |
| 303 | 20.049 | 20.025 | 20.059 | VV  | 650061 | 13308180 |        |        |
| 304 | 20.077 | 20.059 | 20.125 | VV  | 665818 | 24960266 |        |        |
| 305 | 20.163 | 20.125 | 20.185 | VV  | 647756 | 22559367 |        |        |
| 306 | 20.194 | 20.185 | 20.251 | VV  | 628951 | 24347676 | 7.13%  | 0.111% |
| 307 | 20.287 | 20.251 | 20.301 | VV  | 625339 | 18253788 | 5.35%  | 0.084% |
| 308 | 20.313 | 20.301 | 20.329 | VV  | 627651 | 10272656 | 3.01%  | 0.047% |
| 309 | 20.346 | 20.329 | 20.357 | VV  | 612836 | 10229505 | 3.00%  | 0.047% |
| 310 | 20.375 | 20.357 | 20.413 | VV  | 617317 | 19850132 | 5.82%  | 0.091% |
| 311 | 20.424 | 20.413 | 20.465 | VV  | 562887 | 16650014 | 4.88%  | 0.076% |
| 312 | 20.474 | 20.465 | 20.495 | VV  | 507848 | 8841260  | 2.59%  | 0.040% |
| 313 | 20.512 | 20.495 | 20.522 | VV  | 490457 | 7901559  | 2.32%  | 0.036% |
| 314 | 20.550 | 20.522 | 20.561 | VV  | 485647 | 11305514 | 3.31%  | 0.052% |
| 315 | 20.595 | 20.561 | 20.660 | VV  | 524353 | 28430440 | 8.33%  | 0.130% |
| 316 | 20.706 | 20.660 | 20.775 | VV  | 458358 | 28990375 | 8.49%  | 0.133% |
| 317 | 20.799 | 20.775 | 20.809 | VV  | 387689 | 7735261  | 2.27%  | 0.035% |
| 318 | 20.817 | 20.809 | 20.893 | VV  | 382625 | 18184932 | 5.33%  | 0.083% |
| 319 | 20.914 | 20.893 | 20.997 | VV  | 352387 | 19897538 | 5.83%  | 0.091% |
| 320 | 21.007 | 20.997 | 21.105 | VV  | 291827 | 17857517 | 5.23%  | 0.082% |
| 321 | 21.133 | 21.105 | 21.191 | VV  | 264131 | 12768422 | 3.74%  | 0.058% |
| 322 | 21.205 | 21.191 | 21.351 | VV  | 231317 | 19761739 | 5.79%  | 0.090% |
| 323 | 21.360 | 21.351 | 21.378 | VV  | 177796 | 2867096  | 0.84%  | 0.013% |
| 324 | 21.391 | 21.378 | 21.458 | VV  | 174616 | 7652979  | 2.24%  | 0.035% |
| 325 | 21.464 | 21.458 | 21.472 | VV  | 141322 | 1156038  | 0.34%  | 0.005% |
| 326 | 21.478 | 21.472 | 21.486 | VV  | 143998 | 1186171  | 0.35%  | 0.005% |
| 327 | 21.493 | 21.486 | 21.584 | VV  | 136424 | 7665097  | 2.25%  | 0.035% |
| 328 | 21.603 | 21.584 | 21.731 | VV  | 141628 | 9557437  | 2.80%  | 0.044% |
| 329 | 21.746 | 21.731 | 21.801 | VBA | 80433  | 3292182  | 0.96%  | 0.015% |

Sum of corrected areas: 21856053300

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