

Instrument :

FID\_E

ClientSampleId :

WASTE

rteres

## Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE

Data File : FE042631.D

Signal(s) : FID1B.ch

Acq On : 15 Jun 2023 17:54

Sample : 03227-01

Misc :

ALS Vial : 15 Sample Multiplier: 1

Reviewed By :Yogesh Patel 06/16/2023

Supervised By :Ankita Jodhani 06/16/2023

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.M

Title : GC Extractables

Signal : FID1B.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.238       | 3.204        | 3.255      | BV       | 25931          | 305249       | 0.21%          | 0.005%        |
| 2         | 3.273       | 3.255        | 3.284      | VV       | 21576          | 272388       | 0.19%          | 0.004%        |
| 3         | 3.314       | 3.284        | 3.403      | VV       | 217916         | 4753448      | 3.32%          | 0.078%        |
| 4         | 3.429       | 3.403        | 3.439      | PV       | 34682          | 342717       | 0.24%          | 0.006%        |
| 5         | 3.456       | 3.439        | 3.472      | VV       | 103334         | 1219097      | 0.85%          | 0.020%        |
| 6         | 3.486       | 3.472        | 3.508      | VV       | 92062          | 1108916      | 0.77%          | 0.018%        |
| 7         | 3.530       | 3.508        | 3.542      | VV       | 70742          | 959435       | 0.67%          | 0.016%        |
| 8         | 3.557       | 3.542        | 3.581      | VV       | 100765         | 1451682      | 1.01%          | 0.024%        |
| 9         | 3.596       | 3.581        | 3.607      | VV       | 45639          | 525529       | 0.37%          | 0.009%        |
| 10        | 3.628       | 3.607        | 3.670      | VV       | 286571         | 4647700      | 3.25%          | 0.076%        |
| 11        | 3.709       | 3.670        | 3.740      | VV       | 115613         | 2787939      | 1.95%          | 0.046%        |
| 12        | 3.763       | 3.740        | 3.812      | VV       | 394735         | 7476180      | 5.22%          | 0.122%        |
| 13        | 3.846       | 3.812        | 3.878      | VV       | 249469         | 4981852      | 3.48%          | 0.081%        |
| 14        | 3.899       | 3.878        | 3.935      | VV       | 245785         | 4877165      | 3.41%          | 0.080%        |
| 15        | 3.950       | 3.935        | 3.976      | VV       | 266830         | 3063421      | 2.14%          | 0.050%        |
| 16        | 4.004       | 3.976        | 4.063      | VV       | 332086         | 8681318      | 6.06%          | 0.142%        |
| 17        | 4.110       | 4.063        | 4.127      | VV       | 481937         | 7979573      | 5.57%          | 0.131%        |
| 18        | 4.144       | 4.127        | 4.163      | VV       | 378279         | 5225976      | 3.65%          | 0.085%        |
| 19        | 4.178       | 4.163        | 4.197      | VV       | 230700         | 3468100      | 2.42%          | 0.057%        |
| 20        | 4.220       | 4.197        | 4.245      | VV       | 406309         | 6114716      | 4.27%          | 0.100%        |
| 21        | 4.294       | 4.245        | 4.327      | VV       | 973242         | 15612242     | 10.90%         | 0.255%        |
| 22        | 4.343       | 4.327        | 4.366      | VV       | 364461         | 5542227      | 3.87%          | 0.091%        |
| 23        | 4.382       | 4.366        | 4.425      | VV       | 182762         | 3893447      | 2.72%          | 0.064%        |
| 24        | 4.464       | 4.425        | 4.490      | VV       | 285154         | 5436865      | 3.80%          | 0.089%        |
| 25        | 4.511       | 4.490        | 4.538      | VV       | 257905         | 4908917      | 3.43%          | 0.080%        |
| 26        | 4.574       | 4.538        | 4.593      | VV       | 950910         | 13010846     | 9.08%          | 0.213%        |
| 27        | 4.609       | 4.593        | 4.627      | VV       | 429166         | 5254923      | 3.67%          | 0.086%        |
| 28        | 4.645       | 4.627        | 4.667      | VV       | 329240         | 4794563      | 3.35%          | 0.078%        |
| 29        | 4.679       | 4.667        | 4.698      | VV       | 143775         | 2029401      | 1.42%          | 0.033%        |
| 30        | 4.725       | 4.698        | 4.733      | VV       | 197266         | 2810561      | 1.96%          | 0.046%        |
| 31        | 4.752       | 4.733        | 4.766      | VV       | 271218         | 4625312      | 3.23%          | 0.076%        |

|    |       |       |       |    | rters   |          |        |        |
|----|-------|-------|-------|----|---------|----------|--------|--------|
| 32 | 4.785 | 4.766 | 4.810 | VV | 423360  | 8262275  | 5.77%  | 0.135% |
| 33 | 4.824 | 4.810 | 4.840 | VV | 340621  | 486096   |        |        |
| 34 | 4.862 | 4.840 | 4.900 | VV | 1138666 | 2030516  |        |        |
| 35 | 4.920 | 4.900 | 4.953 | VV | 407663  | 1062203  |        |        |
| 36 | 4.992 | 4.953 | 5.007 | VV | 571806  | 1153949  |        |        |
| 37 | 5.037 | 5.007 | 5.058 | VV | 668721  | 13249091 | 9.25%  | 0.217% |
| 38 | 5.087 | 5.058 | 5.124 | VV | 921188  | 18030785 | 12.59% | 0.295% |
| 39 | 5.153 | 5.124 | 5.172 | VV | 356740  | 7220946  | 5.04%  | 0.118% |
| 40 | 5.190 | 5.172 | 5.214 | VV | 358505  | 6244017  | 4.36%  | 0.102% |
| 41 | 5.255 | 5.214 | 5.268 | VV | 723845  | 11812997 | 8.25%  | 0.193% |
| 42 | 5.288 | 5.268 | 5.311 | VV | 829381  | 14136726 | 9.87%  | 0.231% |
| 43 | 5.331 | 5.311 | 5.345 | VV | 870305  | 11349716 | 7.92%  | 0.186% |
| 44 | 5.362 | 5.345 | 5.379 | VV | 814491  | 12255545 | 8.56%  | 0.200% |
| 45 | 5.397 | 5.379 | 5.434 | VV | 759394  | 15097376 | 10.54% | 0.247% |
| 46 | 5.461 | 5.434 | 5.475 | VV | 306381  | 6246521  | 4.36%  | 0.102% |
| 47 | 5.497 | 5.475 | 5.512 | VV | 560199  | 9077593  | 6.34%  | 0.148% |
| 48 | 5.585 | 5.512 | 5.608 | VV | 695293  | 29412244 | 20.54% | 0.481% |
| 49 | 5.625 | 5.608 | 5.646 | VV | 498728  | 10472090 | 7.31%  | 0.171% |
| 50 | 5.656 | 5.646 | 5.672 | VV | 444927  | 5965142  | 4.16%  | 0.098% |
| 51 | 5.683 | 5.672 | 5.695 | VV | 343969  | 4249235  | 2.97%  | 0.070% |
| 52 | 5.723 | 5.695 | 5.782 | VV | 1870978 | 45758272 | 31.95% | 0.748% |
| 53 | 5.794 | 5.782 | 5.825 | VV | 435447  | 9308941  | 6.50%  | 0.152% |
| 54 | 5.844 | 5.825 | 5.858 | VV | 417351  | 7174034  | 5.01%  | 0.117% |
| 55 | 5.907 | 5.858 | 5.958 | VV | 1810178 | 46239292 | 32.28% | 0.756% |
| 56 | 5.984 | 5.958 | 5.995 | VV | 649260  | 11731711 | 8.19%  | 0.192% |
| 57 | 6.029 | 5.995 | 6.059 | VV | 1358264 | 34831045 | 24.32% | 0.570% |
| 58 | 6.107 | 6.059 | 6.122 | VV | 739129  | 23116764 | 16.14% | 0.378% |
| 59 | 6.152 | 6.122 | 6.178 | VV | 680111  | 17701482 | 12.36% | 0.290% |
| 60 | 6.201 | 6.178 | 6.219 | VV | 874896  | 14149903 | 9.88%  | 0.231% |
| 61 | 6.251 | 6.219 | 6.272 | VV | 1119766 | 23379441 | 16.32% | 0.382% |
| 62 | 6.293 | 6.272 | 6.337 | VV | 1187494 | 34676462 | 24.21% | 0.567% |
| 63 | 6.354 | 6.337 | 6.372 | VV | 989133  | 16807238 | 11.73% | 0.275% |
| 64 | 6.398 | 6.372 | 6.419 | VV | 1278810 | 24891147 | 17.38% | 0.407% |
| 65 | 6.439 | 6.419 | 6.454 | VV | 1138641 | 19317682 | 13.49% | 0.316% |
| 66 | 6.466 | 6.454 | 6.508 | VV | 1058298 | 29193801 | 20.38% | 0.478% |
| 67 | 6.523 | 6.508 | 6.533 | VV | 892820  | 11833730 | 8.26%  | 0.194% |
| 68 | 6.547 | 6.533 | 6.563 | VV | 993745  | 16020540 | 11.19% | 0.262% |
| 69 | 6.582 | 6.563 | 6.605 | VV | 1009216 | 20603053 | 14.39% | 0.337% |
| 70 | 6.629 | 6.605 | 6.650 | VV | 1031496 | 22278026 | 15.55% | 0.364% |
| 71 | 6.674 | 6.650 | 6.689 | VV | 1085316 | 21605766 | 15.09% | 0.353% |
| 72 | 6.699 | 6.689 | 6.737 | VV | 998984  | 24009546 | 16.76% | 0.393% |
| 73 | 6.760 | 6.737 | 6.811 | VV | 1327843 | 39173523 | 27.35% | 0.641% |
| 74 | 6.844 | 6.811 | 6.853 | VV | 914440  | 19051269 | 13.30% | 0.312% |
| 75 | 6.881 | 6.853 | 6.893 | VV | 1086452 | 23231569 | 16.22% | 0.380% |
| 76 | 6.921 | 6.893 | 6.939 | VV | 3004678 | 50619757 | 35.34% | 0.828% |
| 77 | 6.952 | 6.939 | 6.976 | VV | 1460800 | 25671021 | 17.92% | 0.420% |
| 78 | 6.989 | 6.976 | 7.002 | VV | 970237  | 14104988 | 9.85%  | 0.231% |
| 79 | 7.015 | 7.002 | 7.025 | VV | 894698  | 11689625 | 8.16%  | 0.191% |

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Supervised By :Ankita Jodhani 06/16/2023

| Instrument :<br>FID_E<br>ClientSampleId :<br>WASTE |       |       |       |    |         |           |         |        |
|----------------------------------------------------|-------|-------|-------|----|---------|-----------|---------|--------|
|                                                    |       |       |       |    | rt      | Area      | Area%   | Height |
| 80                                                 | 7.046 | 7.025 | 7.066 | VV | 1438831 | 27219512  | 19.00%  | 0.445% |
| 81                                                 | 7.091 | 7.066 | 7.139 | VV | 1580153 | 4777393   |         |        |
| 82                                                 | 7.169 | 7.139 | 7.201 | VV | 1471439 | 4053984   |         |        |
| 83                                                 | 7.232 | 7.201 | 7.254 | VV | 1132564 | 3186825   |         |        |
| 84                                                 | 7.298 | 7.254 | 7.319 | VV | 1686352 | 5138437   |         |        |
| 85                                                 | 7.341 | 7.319 | 7.367 | VV | 2128531 | 41536623  | 29.00%  | 0.679% |
| 86                                                 | 7.413 | 7.367 | 7.431 | VV | 3665239 | 82237585  | 57.42%  | 1.345% |
| 87                                                 | 7.444 | 7.431 | 7.466 | VV | 1465377 | 26096511  | 18.22%  | 0.427% |
| 88                                                 | 7.496 | 7.466 | 7.525 | VV | 3974496 | 76607714  | 53.49%  | 1.253% |
| 89                                                 | 7.548 | 7.525 | 7.570 | VV | 3066971 | 51630646  | 36.05%  | 0.844% |
| 90                                                 | 7.591 | 7.570 | 7.647 | VV | 1566032 | 55459385  | 38.72%  | 0.907% |
| 91                                                 | 7.679 | 7.647 | 7.698 | VV | 1438455 | 39308183  | 27.45%  | 0.643% |
| 92                                                 | 7.715 | 7.698 | 7.739 | VV | 2051913 | 38011195  | 26.54%  | 0.622% |
| 93                                                 | 7.802 | 7.739 | 7.823 | VV | 1623577 | 68736587  | 47.99%  | 1.124% |
| 94                                                 | 7.844 | 7.823 | 7.864 | VV | 1395785 | 31632162  | 22.09%  | 0.517% |
| 95                                                 | 7.892 | 7.864 | 7.919 | VV | 2429397 | 55370086  | 38.66%  | 0.906% |
| 96                                                 | 7.944 | 7.919 | 7.963 | VV | 1490659 | 34562746  | 24.13%  | 0.565% |
| 97                                                 | 7.981 | 7.963 | 7.992 | VV | 1264550 | 19954142  | 13.93%  | 0.326% |
| 98                                                 | 8.026 | 7.992 | 8.041 | VV | 1835458 | 46293767  | 32.32%  | 0.757% |
| 99                                                 | 8.059 | 8.041 | 8.077 | VV | 1858509 | 34407407  | 24.02%  | 0.563% |
| 100                                                | 8.090 | 8.077 | 8.122 | VV | 1392135 | 35385530  | 24.71%  | 0.579% |
| 101                                                | 8.153 | 8.122 | 8.171 | VV | 1825742 | 43718211  | 30.52%  | 0.715% |
| 102                                                | 8.188 | 8.171 | 8.227 | VV | 1627296 | 50109773  | 34.99%  | 0.820% |
| 103                                                | 8.253 | 8.227 | 8.274 | VV | 1708062 | 41115542  | 28.71%  | 0.673% |
| 104                                                | 8.308 | 8.274 | 8.326 | VV | 2433942 | 58836118  | 41.08%  | 0.962% |
| 105                                                | 8.339 | 8.326 | 8.385 | VV | 2069312 | 60574054  | 42.29%  | 0.991% |
| 106                                                | 8.436 | 8.385 | 8.459 | VV | 5795458 | 127659474 | 89.13%  | 2.088% |
| 107                                                | 8.481 | 8.459 | 8.504 | VV | 1609334 | 39041783  | 27.26%  | 0.639% |
| 108                                                | 8.550 | 8.504 | 8.565 | VV | 3955856 | 95625966  | 66.77%  | 1.564% |
| 109                                                | 8.578 | 8.565 | 8.594 | VV | 3639262 | 50234225  | 35.07%  | 0.822% |
| 110                                                | 8.605 | 8.594 | 8.634 | VV | 2045951 | 41795047  | 29.18%  | 0.684% |
| 111                                                | 8.653 | 8.634 | 8.671 | VV | 2181046 | 38793413  | 27.09%  | 0.635% |
| 112                                                | 8.705 | 8.671 | 8.739 | VV | 2649946 | 80701189  | 56.35%  | 1.320% |
| 113                                                | 8.777 | 8.739 | 8.798 | VV | 2970555 | 71409793  | 49.86%  | 1.168% |
| 114                                                | 8.816 | 8.798 | 8.840 | VV | 2090807 | 43741803  | 30.54%  | 0.715% |
| 115                                                | 8.855 | 8.840 | 8.867 | VV | 1619977 | 24263181  | 16.94%  | 0.397% |
| 116                                                | 8.895 | 8.867 | 8.910 | VV | 1638320 | 40264376  | 28.11%  | 0.659% |
| 117                                                | 8.921 | 8.910 | 8.947 | VV | 1587040 | 32557230  | 22.73%  | 0.533% |
| 118                                                | 8.968 | 8.947 | 8.983 | VV | 1900267 | 36382281  | 25.40%  | 0.595% |
| 119                                                | 9.000 | 8.983 | 9.018 | VV | 1863096 | 35819684  | 25.01%  | 0.586% |
| 120                                                | 9.029 | 9.018 | 9.044 | VV | 1726226 | 25141324  | 17.55%  | 0.411% |
| 121                                                | 9.067 | 9.044 | 9.091 | VV | 2834043 | 58765698  | 41.03%  | 0.961% |
| 122                                                | 9.161 | 9.091 | 9.190 | VV | 4429451 | 143223288 | 100.00% | 2.343% |
| 123                                                | 9.202 | 9.190 | 9.217 | VV | 1652962 | 25583410  | 17.86%  | 0.418% |
| 124                                                | 9.267 | 9.217 | 9.284 | VV | 3225828 | 81948659  | 57.22%  | 1.340% |
| 125                                                | 9.297 | 9.284 | 9.317 | VV | 2239587 | 36243538  | 25.31%  | 0.593% |
| 126                                                | 9.334 | 9.317 | 9.350 | VV | 1769802 | 31166815  | 21.76%  | 0.510% |

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/16/2023  
Supervised By :Ankita Jodhani 06/16/2023

|     |        |        |        | rt | Area    | Area%     | Height        |
|-----|--------|--------|--------|----|---------|-----------|---------------|
| 127 | 9.386  | 9.350  | 9.410  | VV | 2098809 | 61886000  | 43.21% 1.012% |
| 128 | 9.440  | 9.410  | 9.461  | VV | 3200211 | 6962797   |               |
| 129 | 9.487  | 9.461  | 9.504  | VV | 3233272 | 5980697   |               |
| 130 | 9.517  | 9.504  | 9.544  | VV | 1648852 | 3620458   |               |
| 131 | 9.597  | 9.544  | 9.613  | VV | 2507981 | 6942873   |               |
| 132 | 9.632  | 9.613  | 9.682  | VV | 2513074 | 6602059   | 46.10% 1.080% |
| 133 | 9.736  | 9.682  | 9.781  | VV | 2645297 | 100807863 | 70.39% 1.649% |
| 134 | 9.808  | 9.781  | 9.822  | VV | 2269770 | 41904057  | 29.26% 0.685% |
| 135 | 9.837  | 9.822  | 9.860  | VV | 2256560 | 41264531  | 28.81% 0.675% |
| 136 | 9.893  | 9.860  | 9.922  | VV | 3042814 | 75189724  | 52.50% 1.230% |
| 137 | 9.933  | 9.922  | 9.946  | VV | 1503050 | 20313636  | 14.18% 0.332% |
| 138 | 9.966  | 9.946  | 9.980  | VV | 2051491 | 35816281  | 25.01% 0.586% |
| 139 | 9.990  | 9.980  | 10.001 | VV | 1819256 | 21858681  | 15.26% 0.358% |
| 140 | 10.015 | 10.001 | 10.042 | VV | 2047706 | 41455731  | 28.94% 0.678% |
| 141 | 10.051 | 10.042 | 10.072 | VV | 1377199 | 23064618  | 16.10% 0.377% |
| 142 | 10.087 | 10.072 | 10.105 | VV | 1265629 | 22390782  | 15.63% 0.366% |
| 143 | 10.137 | 10.105 | 10.149 | VV | 1686036 | 38493637  | 26.88% 0.630% |
| 144 | 10.166 | 10.149 | 10.197 | VV | 1816932 | 48867595  | 34.12% 0.799% |
| 145 | 10.215 | 10.197 | 10.258 | VV | 2147505 | 63461764  | 44.31% 1.038% |
| 146 | 10.294 | 10.258 | 10.304 | VV | 1435933 | 38711675  | 27.03% 0.633% |
| 147 | 10.321 | 10.304 | 10.363 | VV | 1525241 | 46537880  | 32.49% 0.761% |
| 148 | 10.395 | 10.363 | 10.464 | VV | 1774593 | 75576163  | 52.77% 1.236% |
| 149 | 10.487 | 10.464 | 10.517 | VV | 1161463 | 33643446  | 23.49% 0.550% |
| 150 | 10.553 | 10.517 | 10.574 | VV | 1707982 | 43164411  | 30.14% 0.706% |
| 151 | 10.610 | 10.574 | 10.633 | VV | 3179543 | 71670609  | 50.04% 1.172% |
| 152 | 10.665 | 10.633 | 10.678 | VV | 1702491 | 39691528  | 27.71% 0.649% |
| 153 | 10.690 | 10.678 | 10.714 | VV | 1801986 | 33367356  | 23.30% 0.546% |
| 154 | 10.740 | 10.714 | 10.777 | VV | 2446710 | 56491008  | 39.44% 0.924% |
| 155 | 10.825 | 10.777 | 10.853 | VV | 1561510 | 60262133  | 42.08% 0.986% |
| 156 | 10.876 | 10.853 | 10.901 | VV | 1714664 | 41235040  | 28.79% 0.674% |
| 157 | 10.947 | 10.901 | 10.965 | VV | 1758901 | 54689904  | 38.19% 0.895% |
| 158 | 10.976 | 10.965 | 10.992 | VV | 1373608 | 20767494  | 14.50% 0.340% |
| 159 | 11.037 | 10.992 | 11.102 | VV | 4928536 | 138683093 | 96.83% 2.268% |
| 160 | 11.114 | 11.102 | 11.128 | VV | 1057484 | 15547234  | 10.86% 0.254% |
| 161 | 11.156 | 11.128 | 11.187 | VV | 1115492 | 37531465  | 26.20% 0.614% |
| 162 | 11.218 | 11.187 | 11.253 | VV | 1560607 | 46758071  | 32.65% 0.765% |
| 163 | 11.285 | 11.253 | 11.318 | VV | 1186868 | 40694181  | 28.41% 0.666% |
| 164 | 11.340 | 11.318 | 11.374 | VV | 1308300 | 35344741  | 24.68% 0.578% |
| 165 | 11.419 | 11.374 | 11.439 | VV | 987577  | 36173663  | 25.26% 0.592% |
| 166 | 11.451 | 11.439 | 11.463 | VV | 912406  | 12740055  | 8.90% 0.208%  |
| 167 | 11.474 | 11.463 | 11.489 | VV | 903869  | 13989200  | 9.77% 0.229%  |
| 168 | 11.519 | 11.489 | 11.540 | VV | 1203713 | 30939023  | 21.60% 0.506% |
| 169 | 11.559 | 11.540 | 11.588 | VV | 1090255 | 28655747  | 20.01% 0.469% |
| 170 | 11.609 | 11.588 | 11.626 | VV | 1059227 | 22590673  | 15.77% 0.370% |
| 171 | 11.643 | 11.626 | 11.665 | VV | 1248424 | 24881215  | 17.37% 0.407% |
| 172 | 11.684 | 11.665 | 11.712 | VV | 1013351 | 27384729  | 19.12% 0.448% |
| 173 | 11.741 | 11.712 | 11.771 | VV | 2158828 | 49166296  | 34.33% 0.804% |
| 174 | 11.800 | 11.771 | 11.822 | VV | 925417  | 24088232  | 16.82% 0.394% |

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|     |        |        |        |    |         | Instrument :     |        |        |
|-----|--------|--------|--------|----|---------|------------------|--------|--------|
|     |        |        |        |    |         | FID_E            |        |        |
|     |        |        |        |    |         | ClientSampleId : |        |        |
|     |        |        |        |    |         | WASTE            |        |        |
| 175 | 11.861 | 11.822 | 11.880 | VV | 956054  | 27504106         | 19.20% | 0.450% |
| 176 | 11.900 | 11.880 | 11.920 | VV | 799826  | 1869146          |        |        |
| 177 | 11.968 | 11.920 | 11.986 | VV | 1172491 | 3454263          |        |        |
| 178 | 12.013 | 11.986 | 12.027 | VV | 1098975 | 2213008          |        |        |
| 179 | 12.044 | 12.027 | 12.066 | VV | 1300091 | 2215615          |        |        |
| 180 | 12.086 | 12.066 | 12.093 | VV | 647234  | 10126962         | 7.07%  | 0.166% |
| 181 | 12.111 | 12.093 | 12.134 | VV | 692984  | 16421361         | 11.47% | 0.269% |
| 182 | 12.158 | 12.134 | 12.174 | VV | 897204  | 17874355         | 12.48% | 0.292% |
| 183 | 12.190 | 12.174 | 12.234 | VV | 880062  | 24379458         | 17.02% | 0.399% |
| 184 | 12.292 | 12.234 | 12.361 | VV | 924317  | 51591960         | 36.02% | 0.844% |
| 185 | 12.375 | 12.361 | 12.397 | VV | 579118  | 11807293         | 8.24%  | 0.193% |
| 186 | 12.409 | 12.397 | 12.425 | VV | 558122  | 9348958          | 6.53%  | 0.153% |
| 187 | 12.437 | 12.425 | 12.481 | VV | 541405  | 16658111         | 11.63% | 0.272% |
| 188 | 12.504 | 12.481 | 12.519 | VV | 558230  | 11166262         | 7.80%  | 0.183% |
| 189 | 12.536 | 12.519 | 12.558 | VV | 537061  | 11750214         | 8.20%  | 0.192% |
| 190 | 12.573 | 12.558 | 12.591 | VV | 483158  | 9221985          | 6.44%  | 0.151% |
| 191 | 12.612 | 12.591 | 12.632 | VV | 490032  | 11053198         | 7.72%  | 0.181% |
| 192 | 12.650 | 12.632 | 12.663 | VV | 456269  | 7896239          | 5.51%  | 0.129% |
| 193 | 12.680 | 12.663 | 12.698 | VV | 450731  | 9000581          | 6.28%  | 0.147% |
| 194 | 12.716 | 12.698 | 12.728 | VV | 473725  | 8029424          | 5.61%  | 0.131% |
| 195 | 12.740 | 12.728 | 12.771 | VV | 453245  | 10760864         | 7.51%  | 0.176% |
| 196 | 12.791 | 12.771 | 12.834 | VV | 540682  | 16833702         | 11.75% | 0.275% |
| 197 | 12.862 | 12.834 | 12.879 | VV | 431666  | 10372402         | 7.24%  | 0.170% |
| 198 | 12.901 | 12.879 | 12.919 | VV | 624964  | 11574394         | 8.08%  | 0.189% |
| 199 | 12.937 | 12.919 | 12.986 | VV | 565515  | 16657629         | 11.63% | 0.272% |
| 200 | 13.010 | 12.986 | 13.067 | VV | 392602  | 15630982         | 10.91% | 0.256% |
| 201 | 13.083 | 13.067 | 13.100 | VV | 292099  | 5483964          | 3.83%  | 0.090% |
| 202 | 13.112 | 13.100 | 13.123 | VV | 270486  | 3618084          | 2.53%  | 0.059% |
| 203 | 13.134 | 13.123 | 13.175 | VV | 277994  | 7988995          | 5.58%  | 0.131% |
| 204 | 13.199 | 13.175 | 13.243 | VV | 264119  | 10265907         | 7.17%  | 0.168% |
| 205 | 13.260 | 13.243 | 13.279 | VV | 252572  | 5011663          | 3.50%  | 0.082% |
| 206 | 13.303 | 13.279 | 13.341 | VV | 271627  | 8653559          | 6.04%  | 0.142% |
| 207 | 13.384 | 13.341 | 13.412 | VV | 565233  | 13301528         | 9.29%  | 0.218% |
| 208 | 13.435 | 13.412 | 13.464 | VV | 266886  | 7218696          | 5.04%  | 0.118% |
| 209 | 13.478 | 13.464 | 13.530 | VV | 204723  | 7202201          | 5.03%  | 0.118% |
| 210 | 13.547 | 13.530 | 13.563 | VV | 196239  | 3564536          | 2.49%  | 0.058% |
| 211 | 13.590 | 13.563 | 13.615 | VV | 223284  | 6038705          | 4.22%  | 0.099% |
| 212 | 13.637 | 13.615 | 13.680 | VV | 226291  | 6654743          | 4.65%  | 0.109% |
| 213 | 13.700 | 13.680 | 13.714 | VV | 164834  | 3098614          | 2.16%  | 0.051% |
| 214 | 13.728 | 13.714 | 13.749 | VV | 158097  | 3190724          | 2.23%  | 0.052% |
| 215 | 13.771 | 13.749 | 13.795 | VV | 159728  | 3932645          | 2.75%  | 0.064% |
| 216 | 13.815 | 13.795 | 13.840 | VV | 137662  | 3598892          | 2.51%  | 0.059% |
| 217 | 13.855 | 13.840 | 13.870 | VV | 128001  | 2165893          | 1.51%  | 0.035% |
| 218 | 13.889 | 13.870 | 13.911 | VV | 134034  | 3007036          | 2.10%  | 0.049% |
| 219 | 13.926 | 13.911 | 13.945 | VV | 111480  | 2210245          | 1.54%  | 0.036% |
| 220 | 13.964 | 13.945 | 13.983 | VV | 116621  | 2475122          | 1.73%  | 0.040% |
| 221 | 13.992 | 13.983 | 14.014 | VV | 105258  | 1922439          | 1.34%  | 0.031% |

Instrument :  
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ClientSampleId :  
WASTE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/16/2023  
Supervised By :Ankita Jodhani 06/16/2023

|     |        |        |        |    |        |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
|     |        |        |        |    | rteres |         |       |        |
| 222 | 14.039 | 14.014 | 14.071 | VV | 116438 | 3496194 | 2.44% | 0.057% |
| 223 | 14.082 | 14.071 | 14.108 | VV | 91010  | 191896  |       |        |
| 224 | 14.127 | 14.108 | 14.142 | VV | 96768  | 184691  |       |        |
| 225 | 14.164 | 14.142 | 14.198 | VV | 90104  | 285619  |       |        |
| 226 | 14.210 | 14.198 | 14.234 | VV | 83671  | 171815  |       |        |
| 227 | 14.246 | 14.234 | 14.321 | VV | 72940  | 3396556 | 2.37% | 0.056% |
| 228 | 14.360 | 14.321 | 14.387 | VV | 74698  | 2580467 | 1.80% | 0.042% |
| 229 | 14.397 | 14.387 | 14.414 | VV | 56910  | 902683  | 0.63% | 0.015% |
| 230 | 14.424 | 14.414 | 14.439 | VV | 55167  | 791884  | 0.55% | 0.013% |
| 231 | 14.448 | 14.439 | 14.480 | VV | 53142  | 1235006 | 0.86% | 0.020% |
| 232 | 14.503 | 14.480 | 14.534 | VV | 59827  | 1752231 | 1.22% | 0.029% |
| 233 | 14.544 | 14.534 | 14.578 | VV | 49824  | 1219166 | 0.85% | 0.020% |
| 234 | 14.598 | 14.578 | 14.666 | VV | 46349  | 2170522 | 1.52% | 0.036% |
| 235 | 14.691 | 14.666 | 14.712 | VV | 44384  | 1067173 | 0.75% | 0.017% |
| 236 | 14.720 | 14.712 | 14.740 | VV | 37743  | 613287  | 0.43% | 0.010% |
| 237 | 14.757 | 14.740 | 14.778 | VV | 35793  | 770009  | 0.54% | 0.013% |
| 238 | 14.811 | 14.778 | 14.847 | VV | 36158  | 1394153 | 0.97% | 0.023% |
| 239 | 14.862 | 14.847 | 14.881 | VV | 31548  | 596322  | 0.42% | 0.010% |
| 240 | 14.893 | 14.881 | 14.922 | VV | 28488  | 640406  | 0.45% | 0.010% |
| 241 | 14.934 | 14.922 | 14.964 | VV | 24951  | 610970  | 0.43% | 0.010% |
| 242 | 14.982 | 14.964 | 15.011 | VV | 23919  | 630114  | 0.44% | 0.010% |
| 243 | 15.029 | 15.011 | 15.058 | VV | 20316  | 567909  | 0.40% | 0.009% |
| 244 | 15.067 | 15.058 | 15.101 | VV | 20105  | 479711  | 0.33% | 0.008% |
| 245 | 15.118 | 15.101 | 15.150 | VV | 17301  | 492214  | 0.34% | 0.008% |
| 246 | 15.173 | 15.150 | 15.195 | VV | 23491  | 502720  | 0.35% | 0.008% |
| 247 | 15.218 | 15.195 | 15.250 | VV | 23889  | 613621  | 0.43% | 0.010% |
| 248 | 15.272 | 15.250 | 15.300 | VV | 14157  | 407460  | 0.28% | 0.007% |
| 249 | 15.334 | 15.300 | 15.361 | VV | 13980  | 476222  | 0.33% | 0.008% |
| 250 | 15.367 | 15.361 | 15.411 | VV | 12250  | 323092  | 0.23% | 0.005% |
| 251 | 15.421 | 15.411 | 15.450 | VV | 9728   | 216303  | 0.15% | 0.004% |
| 252 | 15.479 | 15.450 | 15.548 | VV | 11143  | 508720  | 0.36% | 0.008% |
| 253 | 15.567 | 15.548 | 15.583 | VV | 7344   | 150169  | 0.10% | 0.002% |
| 254 | 15.622 | 15.583 | 15.725 | VV | 18857  | 857023  | 0.60% | 0.014% |
| 255 | 15.749 | 15.725 | 15.786 | VV | 8864   | 245567  | 0.17% | 0.004% |
| 256 | 15.822 | 15.786 | 15.835 | VV | 10941  | 226823  | 0.16% | 0.004% |
| 257 | 15.844 | 15.835 | 15.868 | VV | 9618   | 144232  | 0.10% | 0.002% |
| 258 | 15.884 | 15.868 | 15.910 | VV | 5519   | 105459  | 0.07% | 0.002% |
| 259 | 15.977 | 15.910 | 15.991 | VV | 4040   | 156315  | 0.11% | 0.003% |
| 260 | 16.011 | 15.991 | 16.039 | VV | 4600   | 108692  | 0.08% | 0.002% |
| 261 | 16.057 | 16.039 | 16.111 | VV | 3136   | 103427  | 0.07% | 0.002% |
| 262 | 16.123 | 16.111 | 16.153 | VV | 1833   | 41126   | 0.03% | 0.001% |
| 263 | 16.169 | 16.153 | 16.195 | VV | 1849   | 40123   | 0.03% | 0.001% |
| 264 | 16.206 | 16.195 | 16.226 | VV | 1538   | 26037   | 0.02% | 0.000% |
| 265 | 16.250 | 16.226 | 16.277 | VV | 5041   | 86723   | 0.06% | 0.001% |
| 266 | 16.290 | 16.277 | 16.345 | VV | 1741   | 52398   | 0.04% | 0.001% |
| 267 | 16.351 | 16.345 | 16.401 | VV | 858    | 14454   | 0.01% | 0.000% |
| 268 | 16.448 | 16.401 | 16.471 | PV | 1785   | 42248   | 0.03% | 0.001% |
| 269 | 16.483 | 16.471 | 16.504 | VV | 1247   | 15906   | 0.01% | 0.000% |

Instrument :

FID\_E

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WASTE

Manual IntegrationsAPPROVED

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 Supervised By :Ankita Jodhani 06/16/2023

|     |        |        |        |    |       |        |       |        |
|-----|--------|--------|--------|----|-------|--------|-------|--------|
| 270 | 16.551 | 16.504 | 16.575 | VV | 1824  | 44053  | 0.03% | 0.001% |
| 271 | 16.591 | 16.575 | 16.608 | VV | 1182  | 1626   |       |        |
| 272 | 16.647 | 16.608 | 16.703 | VV | 5315  | 15576  |       |        |
| 273 | 16.732 | 16.703 | 16.788 | VV | 13742 | 25539  |       |        |
| 274 | 16.812 | 16.788 | 16.839 | VV | 2944  | 4601   |       |        |
| 275 | 16.864 | 16.839 | 16.901 | VV | 2689  | 42108  | 0.03% | 0.001% |
| 276 | 16.912 | 16.901 | 16.929 | VV | 423   | 4736   | 0.00% | 0.000% |
| 277 | 16.953 | 16.929 | 16.985 | PV | 422   | 8976   | 0.01% | 0.000% |
| 278 | 17.053 | 16.985 | 17.088 | PV | 6563  | 131574 | 0.09% | 0.002% |
| 279 | 17.112 | 17.088 | 17.151 | VV | 6736  | 106790 | 0.07% | 0.002% |
| 280 | 17.201 | 17.151 | 17.226 | VV | 4924  | 97085  | 0.07% | 0.002% |
| 281 | 17.249 | 17.226 | 17.298 | VV | 5893  | 103900 | 0.07% | 0.002% |
| 282 | 17.316 | 17.298 | 17.331 | PV | 584   | 6558   | 0.00% | 0.000% |
| 283 | 17.365 | 17.331 | 17.402 | VV | 897   | 25924  | 0.02% | 0.000% |
| 284 | 17.446 | 17.402 | 17.464 | VV | 904   | 22272  | 0.02% | 0.000% |
| 285 | 17.480 | 17.464 | 17.490 | VV | 1067  | 14077  | 0.01% | 0.000% |
| 286 | 17.538 | 17.490 | 17.560 | VV | 2354  | 58513  | 0.04% | 0.001% |
| 287 | 17.648 | 17.560 | 17.678 | VV | 6440  | 168365 | 0.12% | 0.003% |
| 288 | 17.695 | 17.678 | 17.711 | VV | 970   | 15244  | 0.01% | 0.000% |
| 289 | 17.730 | 17.711 | 17.747 | VV | 1310  | 20540  | 0.01% | 0.000% |
| 290 | 17.772 | 17.747 | 17.795 | VV | 1813  | 33143  | 0.02% | 0.001% |
| 291 | 17.819 | 17.795 | 17.854 | VV | 3396  | 53582  | 0.04% | 0.001% |
| 292 | 17.878 | 17.854 | 17.903 | PV | 1526  | 23991  | 0.02% | 0.000% |
| 293 | 17.922 | 17.903 | 17.942 | VV | 1144  | 14442  | 0.01% | 0.000% |
| 294 | 17.952 | 17.942 | 17.960 | VV | 439   | 3189   | 0.00% | 0.000% |
| 295 | 18.008 | 17.960 | 18.026 | VV | 890   | 23912  | 0.02% | 0.000% |
| 296 | 18.085 | 18.026 | 18.143 | VV | 6090  | 144869 | 0.10% | 0.002% |
| 297 | 18.180 | 18.143 | 18.197 | VV | 2120  | 38062  | 0.03% | 0.001% |
| 298 | 18.232 | 18.197 | 18.249 | VV | 2077  | 43795  | 0.03% | 0.001% |
| 299 | 18.277 | 18.249 | 18.298 | VV | 1697  | 38383  | 0.03% | 0.001% |
| 300 | 18.315 | 18.298 | 18.360 | VV | 1290  | 31624  | 0.02% | 0.001% |
| 301 | 18.409 | 18.360 | 18.430 | VV | 3256  | 84056  | 0.06% | 0.001% |
| 302 | 18.482 | 18.430 | 18.502 | VV | 12809 | 316062 | 0.22% | 0.005% |
| 303 | 18.512 | 18.502 | 18.554 | VV | 9202  | 167859 | 0.12% | 0.003% |
| 304 | 18.608 | 18.554 | 18.631 | VV | 3229  | 109084 | 0.08% | 0.002% |
| 305 | 18.649 | 18.631 | 18.696 | VV | 2908  | 91045  | 0.06% | 0.001% |
| 306 | 18.737 | 18.696 | 18.764 | VV | 7743  | 152122 | 0.11% | 0.002% |
| 307 | 18.784 | 18.764 | 18.798 | VV | 2734  | 44684  | 0.03% | 0.001% |
| 308 | 18.813 | 18.798 | 18.847 | VV | 2547  | 55645  | 0.04% | 0.001% |
| 309 | 18.873 | 18.847 | 18.888 | VV | 2150  | 41148  | 0.03% | 0.001% |
| 310 | 18.920 | 18.888 | 18.971 | VV | 5363  | 145674 | 0.10% | 0.002% |
| 311 | 19.024 | 18.971 | 19.044 | VV | 3769  | 98123  | 0.07% | 0.002% |
| 312 | 19.076 | 19.044 | 19.131 | VV | 3407  | 123413 | 0.09% | 0.002% |
| 313 | 19.173 | 19.131 | 19.187 | VV | 3165  | 69804  | 0.05% | 0.001% |
| 314 | 19.198 | 19.187 | 19.218 | VV | 2662  | 44268  | 0.03% | 0.001% |
| 315 | 19.240 | 19.218 | 19.262 | VV | 8426  | 149038 | 0.10% | 0.002% |
| 316 | 19.317 | 19.262 | 19.381 | VV | 8197  | 370833 | 0.26% | 0.006% |

Instrument :

FID\_E

ClientSampleId :

WASTE

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/16/2023  
Supervised By :Ankita Jodhani 06/16/2023

|                         |        |        |        |    |            |        |       |        |
|-------------------------|--------|--------|--------|----|------------|--------|-------|--------|
|                         |        |        |        |    | rters      |        |       |        |
| 317                     | 19.457 | 19.381 | 19.490 | VV | 13111      | 348346 | 0.24% | 0.006% |
| 318                     | 19.531 | 19.490 | 19.557 | VV | 3443       | 11446  |       |        |
| 319                     | 19.613 | 19.557 | 19.634 | VV | 3089       | 11445  |       |        |
| 320                     | 19.656 | 19.634 | 19.664 | VV | 2504       | 4337   |       |        |
| 321                     | 19.705 | 19.664 | 19.729 | VV | 6316       | 15795  |       |        |
| 322                     | 19.766 | 19.729 | 19.791 | VV | 4609       | 132948 | 0.09% | 0.002% |
| 323                     | 19.822 | 19.791 | 19.850 | VV | 4473       | 129942 | 0.09% | 0.002% |
| 324                     | 19.905 | 19.850 | 19.941 | VV | 5465       | 237871 | 0.17% | 0.004% |
| 325                     | 19.970 | 19.941 | 19.985 | VV | 5491       | 125718 | 0.09% | 0.002% |
| 326                     | 19.999 | 19.985 | 20.024 | VV | 5195       | 109336 | 0.08% | 0.002% |
| 327                     | 20.059 | 20.024 | 20.099 | VV | 8307       | 304884 | 0.21% | 0.005% |
| 328                     | 20.121 | 20.099 | 20.163 | VV | 7231       | 223168 | 0.16% | 0.004% |
| 329                     | 20.183 | 20.163 | 20.197 | VV | 5975       | 111417 | 0.08% | 0.002% |
| 330                     | 20.268 | 20.197 | 20.318 | VV | 8656       | 505724 | 0.35% | 0.008% |
| 331                     | 20.354 | 20.318 | 20.375 | VV | 7626       | 239480 | 0.17% | 0.004% |
| 332                     | 20.387 | 20.375 | 20.400 | VV | 7115       | 102707 | 0.07% | 0.002% |
| 333                     | 20.443 | 20.400 | 20.478 | VV | 10527      | 388558 | 0.27% | 0.006% |
| 334                     | 20.547 | 20.478 | 20.603 | VV | 17618      | 921097 | 0.64% | 0.015% |
| 335                     | 20.618 | 20.603 | 20.635 | VV | 10402      | 193238 | 0.13% | 0.003% |
| 336                     | 20.657 | 20.635 | 20.668 | VV | 10173      | 186467 | 0.13% | 0.003% |
| 337                     | 20.707 | 20.668 | 20.734 | VV | 9762       | 384554 | 0.27% | 0.006% |
| 338                     | 20.758 | 20.734 | 20.772 | VV | 10137      | 225376 | 0.16% | 0.004% |
| 339                     | 20.803 | 20.772 | 20.844 | VV | 12680      | 479158 | 0.33% | 0.008% |
| 340                     | 20.860 | 20.844 | 20.882 | VV | 10758      | 225094 | 0.16% | 0.004% |
| 341                     | 20.912 | 20.882 | 20.961 | VV | 10802      | 487021 | 0.34% | 0.008% |
| 342                     | 20.988 | 20.961 | 21.036 | VV | 10160      | 435144 | 0.30% | 0.007% |
| 343                     | 21.047 | 21.036 | 21.059 | VV | 9364       | 126575 | 0.09% | 0.002% |
| 344                     | 21.095 | 21.059 | 21.156 | VV | 9758       | 523039 | 0.37% | 0.009% |
| 345                     | 21.188 | 21.156 | 21.262 | VV | 12530      | 589714 | 0.41% | 0.010% |
| 346                     | 21.284 | 21.262 | 21.334 | VV | 7642       | 311087 | 0.22% | 0.005% |
| 347                     | 21.358 | 21.334 | 21.371 | VV | 7268       | 158961 | 0.11% | 0.003% |
| 348                     | 21.384 | 21.371 | 21.400 | VV | 7440       | 118527 | 0.08% | 0.002% |
| 349                     | 21.419 | 21.400 | 21.440 | VV | 7129       | 158281 | 0.11% | 0.003% |
| 350                     | 21.455 | 21.440 | 21.496 | VV | 6607       | 215506 | 0.15% | 0.004% |
| 351                     | 21.523 | 21.496 | 21.548 | VV | 6353       | 187918 | 0.13% | 0.003% |
| 352                     | 21.564 | 21.548 | 21.586 | VV | 5773       | 128982 | 0.09% | 0.002% |
| 353                     | 21.627 | 21.586 | 21.709 | VV | 8132       | 423006 | 0.30% | 0.007% |
| 354                     | 21.732 | 21.709 | 21.768 | VV | 4601       | 152328 | 0.11% | 0.002% |
| 355                     | 21.796 | 21.768 | 21.843 | VV | 4210       | 166081 | 0.12% | 0.003% |
| 356                     | 21.869 | 21.843 | 21.892 | VV | 3435       | 91050  | 0.06% | 0.001% |
| 357                     | 21.911 | 21.892 | 21.925 | VV | 2851       | 52376  | 0.04% | 0.001% |
| 358                     | 21.967 | 21.925 | 22.001 | VV | 2547       | 101685 | 0.07% | 0.002% |
| 359                     | 22.011 | 22.001 | 22.060 | VV | 2005       | 56715  | 0.04% | 0.001% |
| 360                     | 22.070 | 22.060 | 22.081 | VV | 1469       | 15924  | 0.01% | 0.000% |
| 361                     | 22.121 | 22.081 | 22.185 | VV | 4203       | 119328 | 0.08% | 0.002% |
| Sum of corrected areas: |        |        |        |    | 6113790753 |        |       |        |

Instrument :

FID\_E

ClientSampleId :

WASTE

Manual IntegrationsAPPROVED

 Reviewed By :Yogesh Patel 06/16/2023  
 Supervised By :Ankita Jodhani 06/16/2023

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Instrument :  
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