

rteres

Instrument :

FID\_D

ClientSampleId :

CHRT-24449

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD03152

Data File : FD041573.D

Signal(s) : FID2B.CH

Acq On : 16 Mar 2022 8:19

Sample : N1944-03D

Misc :

ALS Vial : 78 Sample Multiplier: 1

Reviewed By :Yogesh Patel 03/17/2022

Supervised By :Ankita Jodhani 03/17/2022

Integration File: autoint1.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 022322.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         | 3.758       | 3.724        | 3.783      | BB       | 5086           | 48313        | 0.05%          | 0.001%        |
| 2         | 4.338       | 4.270        | 4.363      | BB       | 4469           | 47669        | 0.04%          | 0.001%        |
| 3         | 6.298       | 6.243        | 6.335      | PB       | 3290           | 79266        | 0.07%          | 0.002%        |
| 4         | 6.388       | 6.338        | 6.420      | BV       | 5829           | 95541        | 0.09%          | 0.002%        |
| 5         | 6.448       | 6.420        | 6.472      | VV       | 6022           | 135417       | 0.13%          | 0.004%        |
| 6         | 6.481       | 6.472        | 6.494      | VV       | 5755           | 63796        | 0.06%          | 0.002%        |
| 7         | 6.526       | 6.494        | 6.542      | VV       | 11797          | 219615       | 0.21%          | 0.006%        |
| 8         | 6.551       | 6.542        | 6.560      | VV       | 6200           | 62597        | 0.06%          | 0.002%        |
| 9         | 6.581       | 6.560        | 6.595      | VV       | 12617          | 190030       | 0.18%          | 0.005%        |
| 10        | 6.616       | 6.595        | 6.625      | VV       | 14137          | 203938       | 0.19%          | 0.005%        |
| 11        | 6.660       | 6.625        | 6.669      | VV       | 18571          | 427961       | 0.40%          | 0.011%        |
| 12        | 6.680       | 6.669        | 6.703      | VV       | 19232          | 328213       | 0.31%          | 0.009%        |
| 13        | 6.734       | 6.703        | 6.755      | VV       | 21235          | 553900       | 0.52%          | 0.014%        |
| 14        | 6.770       | 6.755        | 6.798      | VV       | 27243          | 559928       | 0.52%          | 0.015%        |
| 15        | 6.823       | 6.798        | 6.835      | VV       | 30558          | 543438       | 0.51%          | 0.014%        |
| 16        | 6.843       | 6.835        | 6.861      | VV       | 27735          | 392137       | 0.37%          | 0.010%        |
| 17        | 6.870       | 6.861        | 6.880      | VV       | 23105          | 247028       | 0.23%          | 0.006%        |
| 18        | 6.906       | 6.880        | 6.912      | VV       | 35063          | 562090       | 0.53%          | 0.015%        |
| 19        | 6.925       | 6.912        | 6.939      | VV       | 36687          | 557878       | 0.52%          | 0.014%        |
| 20        | 6.954       | 6.939        | 6.977      | VV       | 35368          | 734711       | 0.69%          | 0.019%        |
| 21        | 7.001       | 6.977        | 7.014      | VV       | 37476          | 757176       | 0.71%          | 0.020%        |
| 22        | 7.036       | 7.014        | 7.046      | VV       | 49844          | 854311       | 0.80%          | 0.022%        |
| 23        | 7.059       | 7.046        | 7.073      | VV       | 48688          | 759695       | 0.71%          | 0.020%        |
| 24        | 7.084       | 7.073        | 7.094      | VV       | 43261          | 514862       | 0.48%          | 0.013%        |
| 25        | 7.106       | 7.094        | 7.117      | VV       | 42954          | 586445       | 0.55%          | 0.015%        |
| 26        | 7.180       | 7.117        | 7.202      | VV       | 62307          | 2807353      | 2.63%          | 0.073%        |
| 27        | 7.233       | 7.202        | 7.254      | VV       | 74349          | 2077858      | 1.95%          | 0.054%        |
| 28        | 7.268       | 7.254        | 7.278      | VV       | 61676          | 827848       | 0.78%          | 0.021%        |
| 29        | 7.295       | 7.278        | 7.306      | VV       | 67759          | 1089525      | 1.02%          | 0.028%        |
| 30        | 7.326       | 7.306        | 7.337      | VV       | 112291         | 1696854      | 1.59%          | 0.044%        |
| 31        | 7.358       | 7.337        | 7.393      | VV       | 742081         | 9006541      | 8.43%          | 0.233%        |
| 32        | 7.412       | 7.393        | 7.432      | VV       | 93690          | 1949617      | 1.83%          | 0.051%        |
| 33        | 7.468       | 7.432        | 7.493      | VV       | 111417         | 3487215      | 3.26%          | 0.090%        |
| 34        | 7.517       | 7.493        | 7.536      | VV       | 116031         | 2620814      | 2.45%          | 0.068%        |
| 35        | 7.564       | 7.536        | 7.581      | VV       | 105362         | 2707403      | 2.53%          | 0.070%        |
| 36        | 7.602       | 7.581        | 7.621      | VV       | 126269         | 2732905      | 2.56%          | 0.071%        |

| rteres |       |       |       |    |        |          | CHRT-24449         |        |
|--------|-------|-------|-------|----|--------|----------|--------------------|--------|
| 37     | 7.644 | 7.621 | 7.660 | VV | 154829 | 3137162  | 2.94%              | 0.081% |
| 38     | 7.671 | 7.660 | 7.689 | VV | 141487 | 2238539  |                    |        |
| 39     | 7.705 | 7.689 | 7.721 | VV | 139159 | 2515904  |                    |        |
| 40     | 7.746 | 7.721 | 7.761 | VV | 175284 | 3548230  |                    |        |
|        |       |       |       |    |        |          | Manual Integration |        |
| 41     | 7.785 | 7.761 | 7.818 | VV | 157603 | 4982665  |                    |        |
| 42     | 7.831 | 7.818 | 7.843 | VV | 148520 | 2134903  |                    |        |
| 43     | 7.867 | 7.843 | 7.879 | VV | 173835 | 3556881  | 3.33%              | 0.092% |
| 44     | 7.892 | 7.879 | 7.907 | VV | 171927 | 2778076  | 2.60%              | 0.072% |
| 45     | 7.919 | 7.907 | 7.930 | VV | 174482 | 2370464  | 2.22%              | 0.061% |
|        |       |       |       |    |        |          |                    |        |
| 46     | 7.950 | 7.930 | 7.954 | VV | 181367 | 2525159  | 2.36%              | 0.065% |
| 47     | 7.987 | 7.954 | 7.999 | VV | 186013 | 4880876  | 4.57%              | 0.127% |
| 48     | 8.007 | 7.999 | 8.020 | VV | 177607 | 2191954  | 2.05%              | 0.057% |
| 49     | 8.059 | 8.020 | 8.076 | VV | 257110 | 7384909  | 6.91%              | 0.191% |
| 50     | 8.097 | 8.076 | 8.115 | VV | 247230 | 5457040  | 5.11%              | 0.141% |
|        |       |       |       |    |        |          |                    |        |
| 51     | 8.132 | 8.115 | 8.147 | VV | 244893 | 4468278  | 4.18%              | 0.116% |
| 52     | 8.160 | 8.147 | 8.178 | VV | 252241 | 4530992  | 4.24%              | 0.117% |
| 53     | 8.211 | 8.178 | 8.259 | VV | 624399 | 15998386 | 14.98%             | 0.415% |
| 54     | 8.271 | 8.259 | 8.286 | VV | 292854 | 4657382  | 4.36%              | 0.121% |
| 55     | 8.290 | 8.286 | 8.312 | VV | 287113 | 4290489  | 4.02%              | 0.111% |
|        |       |       |       |    |        |          |                    |        |
| 56     | 8.355 | 8.312 | 8.378 | VV | 338607 | 11714163 | 10.97%             | 0.304% |
| 57     | 8.393 | 8.378 | 8.403 | VV | 318634 | 4671656  | 4.37%              | 0.121% |
| 58     | 8.419 | 8.403 | 8.448 | VV | 404951 | 9187553  | 8.60%              | 0.238% |
| 59     | 8.460 | 8.448 | 8.472 | VV | 340524 | 4574912  | 4.28%              | 0.119% |
| 60     | 8.489 | 8.472 | 8.508 | VV | 341430 | 7042475  | 6.59%              | 0.183% |
|        |       |       |       |    |        |          |                    |        |
| 61     | 8.525 | 8.508 | 8.538 | VV | 385866 | 6086473  | 5.70%              | 0.158% |
| 62     | 8.587 | 8.538 | 8.603 | VV | 368949 | 13690456 | 12.82%             | 0.355% |
| 63     | 8.658 | 8.603 | 8.676 | VV | 500250 | 17668981 | 16.54%             | 0.458% |
| 64     | 8.680 | 8.676 | 8.705 | VV | 365905 | 6308090  | 5.91%              | 0.164% |
| 65     | 8.719 | 8.705 | 8.746 | VV | 382629 | 9079098  | 8.50%              | 0.235% |
|        |       |       |       |    |        |          |                    |        |
| 66     | 8.773 | 8.746 | 8.795 | VV | 399994 | 11447207 | 10.72%             | 0.297% |
| 67     | 8.823 | 8.795 | 8.843 | VV | 462859 | 12188034 | 11.41%             | 0.316% |
| 68     | 8.860 | 8.843 | 8.883 | VV | 448093 | 10131126 | 9.49%              | 0.263% |
| 69     | 8.888 | 8.883 | 8.899 | VV | 417794 | 3857524  | 3.61%              | 0.100% |
| 70     | 8.935 | 8.899 | 8.945 | VV | 485724 | 12297791 | 11.51%             | 0.319% |
|        |       |       |       |    |        |          |                    |        |
| 71     | 8.962 | 8.945 | 8.981 | VV | 497674 | 10331703 | 9.67%              | 0.268% |
| 72     | 8.985 | 8.981 | 8.992 | VV | 467245 | 3093285  | 2.90%              | 0.080% |
| 73     | 9.007 | 8.992 | 9.014 | VV | 486931 | 6420905  | 6.01%              | 0.166% |
| 74     | 9.024 | 9.014 | 9.044 | VV | 491702 | 8631293  | 8.08%              | 0.224% |
| 75     | 9.064 | 9.044 | 9.081 | VV | 539905 | 11202353 | 10.49%             | 0.290% |
|        |       |       |       |    |        |          |                    |        |
| 76     | 9.109 | 9.081 | 9.147 | VV | 583848 | 20876703 | 19.55%             | 0.541% |
| 77     | 9.160 | 9.147 | 9.165 | VV | 518961 | 5577715  | 5.22%              | 0.145% |
| 78     | 9.187 | 9.165 | 9.213 | VV | 566435 | 15245913 | 14.27%             | 0.395% |
| 79     | 9.229 | 9.213 | 9.235 | VV | 551801 | 7276589  | 6.81%              | 0.189% |
| 80     | 9.291 | 9.235 | 9.312 | VV | 601639 | 26195710 | 24.53%             | 0.679% |
|        |       |       |       |    |        |          |                    |        |
| 81     | 9.367 | 9.312 | 9.385 | VV | 607072 | 25607023 | 23.97%             | 0.664% |
| 82     | 9.399 | 9.385 | 9.404 | VV | 603475 | 6540409  | 6.12%              | 0.170% |
| 83     | 9.431 | 9.404 | 9.438 | VV | 655650 | 12812606 | 12.00%             | 0.332% |
| 84     | 9.447 | 9.438 | 9.451 | VV | 649276 | 5039633  | 4.72%              | 0.131% |
| 85     | 9.476 | 9.451 | 9.501 | VV | 691777 | 20035589 | 18.76%             | 0.519% |
|        |       |       |       |    |        |          |                    |        |
| 86     | 9.523 | 9.501 | 9.534 | VV | 693382 | 13392481 | 12.54%             | 0.347% |
| 87     | 9.539 | 9.534 | 9.554 | VV | 678535 | 8192716  | 7.67%              | 0.212% |
| 88     | 9.569 | 9.554 | 9.579 | VV | 730310 | 10503218 | 9.83%              | 0.272% |
| 89     | 9.603 | 9.579 | 9.623 | VV | 744747 | 18497839 | 17.32%             | 0.479% |

|     |        |        |        |    |         |           |         |        |
|-----|--------|--------|--------|----|---------|-----------|---------|--------|
|     |        |        |        |    | rters   |           |         |        |
| 90  | 9.634  | 9.623  | 9.640  | VV | 697555  | 7230147   | 6.77%   | 0.187% |
| 91  | 9.687  | 9.640  | 9.712  | VV | 802323  | 31751829  |         |        |
| 92  | 9.719  | 9.712  | 9.729  | VV | 748206  | 7711144   |         |        |
| 93  | 9.748  | 9.729  | 9.781  | VV | 834391  | 24744927  |         |        |
| 94  | 9.790  | 9.781  | 9.795  | VV | 793652  | 6618082   |         |        |
| 95  | 9.823  | 9.795  | 9.848  | VV | 878366  | 26478908  |         |        |
| 96  | 9.862  | 9.848  | 9.866  | VV | 879375  | 9460900   | 8.86%   | 0.245% |
| 97  | 9.923  | 9.866  | 9.952  | VV | 1021768 | 48193843  | 45.12%  | 1.249% |
| 98  | 9.967  | 9.952  | 9.971  | VV | 966824  | 10837201  | 10.15%  | 0.281% |
| 99  | 9.993  | 9.971  | 10.011 | VV | 998987  | 23207749  | 21.73%  | 0.602% |
| 100 | 10.016 | 10.011 | 10.022 | VV | 955813  | 6370770   | 5.96%   | 0.165% |
| 101 | 10.053 | 10.022 | 10.086 | VV | 1157392 | 39881879  | 37.34%  | 1.034% |
| 102 | 10.105 | 10.086 | 10.116 | VV | 1047200 | 18099001  | 16.94%  | 0.469% |
| 103 | 10.122 | 10.116 | 10.134 | VV | 1045132 | 11227642  | 10.51%  | 0.291% |
| 104 | 10.151 | 10.134 | 10.177 | VV | 1117109 | 28254877  | 26.45%  | 0.732% |
| 105 | 10.190 | 10.177 | 10.208 | VV | 1120995 | 20589368  | 19.28%  | 0.534% |
| 106 | 10.222 | 10.208 | 10.226 | VV | 1101357 | 11700018  | 10.95%  | 0.303% |
| 107 | 10.247 | 10.226 | 10.264 | VV | 1181400 | 25666856  | 24.03%  | 0.665% |
| 108 | 10.346 | 10.264 | 10.384 | VV | 1555595 | 94844202  | 88.80%  | 2.458% |
| 109 | 10.401 | 10.384 | 10.435 | VV | 1352992 | 39475222  | 36.96%  | 1.023% |
| 110 | 10.461 | 10.435 | 10.465 | VV | 1379050 | 23242637  | 21.76%  | 0.602% |
| 111 | 10.500 | 10.465 | 10.520 | VV | 1607435 | 48895811  | 45.78%  | 1.267% |
| 112 | 10.524 | 10.520 | 10.530 | VV | 1480760 | 8809580   | 8.25%   | 0.228% |
| 113 | 10.538 | 10.530 | 10.557 | VV | 1521270 | 23346148  | 21.86%  | 0.605% |
| 114 | 10.578 | 10.557 | 10.587 | VV | 1486651 | 25820436  | 24.17%  | 0.669% |
| 115 | 10.591 | 10.587 | 10.598 | VV | 1444463 | 9428579   | 8.83%   | 0.244% |
| 116 | 10.613 | 10.598 | 10.618 | VV | 1462726 | 17602949  | 16.48%  | 0.456% |
| 117 | 10.630 | 10.618 | 10.651 | VV | 1516617 | 29218674  | 27.36%  | 0.757% |
| 118 | 10.671 | 10.651 | 10.706 | VV | 1574518 | 50273673  | 47.07%  | 1.303% |
| 119 | 10.749 | 10.706 | 10.769 | VV | 1653074 | 58337050  | 54.62%  | 1.512% |
| 120 | 10.800 | 10.769 | 10.828 | VV | 1724862 | 59160649  | 55.39%  | 1.534% |
| 121 | 10.849 | 10.828 | 10.873 | VV | 1802637 | 46641739  | 43.67%  | 1.209% |
| 122 | 10.898 | 10.873 | 10.914 | VV | 1894848 | 45260988  | 42.37%  | 1.173% |
| 123 | 10.931 | 10.914 | 10.958 | VV | 1882526 | 47335499  | 44.32%  | 1.227% |
| 124 | 10.963 | 10.958 | 10.968 | VV | 1771934 | 10520959  | 9.85%   | 0.273% |
| 125 | 10.993 | 10.968 | 11.000 | VV | 1856101 | 35490344  | 33.23%  | 0.920% |
| 126 | 11.004 | 11.000 | 11.015 | VV | 1838212 | 15840203  | 14.83%  | 0.411% |
| 127 | 11.019 | 11.015 | 11.039 | VV | 1855645 | 26435187  | 24.75%  | 0.685% |
| 128 | 11.075 | 11.039 | 11.109 | VV | 2250722 | 83024900  | 77.73%  | 2.152% |
| 129 | 11.129 | 11.109 | 11.149 | VV | 1905544 | 44671593  | 41.82%  | 1.158% |
| 130 | 11.153 | 11.149 | 11.170 | VV | 1849310 | 23531281  | 22.03%  | 0.610% |
| 131 | 11.205 | 11.170 | 11.209 | VV | 1905013 | 43593167  | 40.81%  | 1.130% |
| 132 | 11.218 | 11.209 | 11.234 | VV | 1920080 | 27374302  | 25.63%  | 0.710% |
| 133 | 11.275 | 11.234 | 11.317 | VV | 2653721 | 106811660 | 100.00% | 2.769% |
| 134 | 11.344 | 11.317 | 11.364 | VV | 2046779 | 55195920  | 51.68%  | 1.431% |
| 135 | 11.374 | 11.364 | 11.399 | VV | 2003423 | 40783506  | 38.18%  | 1.057% |
| 136 | 11.436 | 11.399 | 11.453 | VV | 2178454 | 65858221  | 61.66%  | 1.707% |
| 137 | 11.458 | 11.453 | 11.466 | VV | 2070177 | 16582731  | 15.53%  | 0.430% |
| 138 | 11.474 | 11.466 | 11.489 | VV | 2078352 | 27333085  | 25.59%  | 0.709% |
| 139 | 11.498 | 11.489 | 11.503 | VV | 2007255 | 16765004  | 15.70%  | 0.435% |
| 140 | 11.507 | 11.503 | 11.514 | VV | 1986259 | 13777100  | 12.90%  | 0.357% |
| 141 | 11.518 | 11.514 | 11.536 | VV | 1974473 | 25359344  | 23.74%  | 0.657% |

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Manual IntegrationsAPPROVED

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Supervised By :Ankita Jodhani 03/17/2022

| Parameters |        |        |        |    |         |           |        |        |  |
|------------|--------|--------|--------|----|---------|-----------|--------|--------|--|
| 142        | 11.544 | 11.536 | 11.550 | VV | 1922601 | 15194038  | 14.23% | 0.394% |  |
| 143        | 11.567 | 11.550 | 11.599 | VV | 2048928 | 57877456  | 54.23% | 0.394% |  |
| 144        | 11.635 | 11.599 | 11.685 | VV | 2140022 | 102643275 | 96.23% | 0.394% |  |
| 145        | 11.690 | 11.685 | 11.694 | VV | 1808890 | 9009424   | 8.23%  | 0.394% |  |
| 146        | 11.699 | 11.694 | 11.713 | VV | 1820476 | 20792346  | 19.23% | 0.675% |  |
| 147        | 11.736 | 11.713 | 11.746 | VV | 1872744 | 36996297  | 34.23% | 0.675% |  |
| 148        | 11.758 | 11.746 | 11.769 | VV | 1901278 | 26028375  | 24.37% | 0.675% |  |
| 149        | 11.775 | 11.769 | 11.817 | VV | 1888226 | 51693749  | 48.40% | 1.340% |  |
| 150        | 11.839 | 11.817 | 11.848 | VV | 1849160 | 32286433  | 30.23% | 0.837% |  |
| 151        | 11.852 | 11.848 | 11.859 | VV | 1805725 | 11764548  | 11.01% | 0.305% |  |
| 152        | 11.872 | 11.859 | 11.890 | VV | 1838729 | 34058509  | 31.89% | 0.883% |  |
| 153        | 11.894 | 11.890 | 11.903 | VV | 1803461 | 13284216  | 12.44% | 0.344% |  |
| 154        | 11.907 | 11.903 | 11.916 | VV | 1749510 | 13920203  | 13.03% | 0.361% |  |
| 155        | 11.938 | 11.916 | 11.950 | VV | 1861099 | 36114884  | 33.81% | 0.936% |  |
| 156        | 11.956 | 11.950 | 11.981 | VV | 1812009 | 32977713  | 30.87% | 0.855% |  |
| 157        | 11.991 | 11.981 | 12.007 | VV | 1707416 | 25900615  | 24.25% | 0.671% |  |
| 158        | 12.020 | 12.007 | 12.032 | VV | 1726883 | 25455638  | 23.83% | 0.660% |  |
| 159        | 12.046 | 12.032 | 12.071 | VV | 1718685 | 39378120  | 36.87% | 1.021% |  |
| 160        | 12.075 | 12.071 | 12.086 | VV | 1617949 | 14602214  | 13.67% | 0.379% |  |
| 161        | 12.122 | 12.086 | 12.148 | VV | 1827690 | 61235743  | 57.33% | 1.587% |  |
| 162        | 12.152 | 12.148 | 12.157 | VV | 1553874 | 8637879   | 8.09%  | 0.224% |  |
| 163        | 12.160 | 12.157 | 12.176 | VV | 1555828 | 17575373  | 16.45% | 0.456% |  |
| 164        | 12.200 | 12.176 | 12.217 | VV | 1639438 | 38540006  | 36.08% | 0.999% |  |
| 165        | 12.227 | 12.217 | 12.261 | VV | 1578990 | 40328500  | 37.76% | 1.045% |  |
| 166        | 12.279 | 12.261 | 12.298 | VV | 1566562 | 33059404  | 30.95% | 0.857% |  |
| 167        | 12.316 | 12.298 | 12.330 | VV | 1555004 | 29281826  | 27.41% | 0.759% |  |
| 168        | 12.334 | 12.330 | 12.351 | VV | 1483077 | 17929466  | 16.79% | 0.465% |  |
| 169        | 12.371 | 12.351 | 12.409 | VV | 1603540 | 51540153  | 48.25% | 1.336% |  |
| 170        | 12.414 | 12.409 | 12.426 | VV | 1407546 | 14483716  | 13.56% | 0.375% |  |
| 171        | 12.430 | 12.426 | 12.451 | VV | 1353711 | 19697925  | 18.44% | 0.511% |  |
| 172        | 12.464 | 12.451 | 12.474 | VV | 1318144 | 18547327  | 17.36% | 0.481% |  |
| 173        | 12.480 | 12.474 | 12.511 | VV | 1328671 | 28388459  | 26.58% | 0.736% |  |
| 174        | 12.527 | 12.511 | 12.544 | VV | 1284242 | 24873011  | 23.29% | 0.645% |  |
| 175        | 12.557 | 12.544 | 12.574 | VV | 1251217 | 21586281  | 20.21% | 0.560% |  |
| 176        | 12.606 | 12.574 | 12.644 | VV | 1293389 | 52017692  | 48.70% | 1.348% |  |
| 177        | 12.657 | 12.644 | 12.665 | VV | 1158661 | 14235494  | 13.33% | 0.369% |  |
| 178        | 12.677 | 12.665 | 12.682 | VV | 1165758 | 11793339  | 11.04% | 0.306% |  |
| 179        | 12.712 | 12.682 | 12.744 | VV | 1500618 | 45779536  | 42.86% | 1.187% |  |
| 180        | 12.761 | 12.744 | 12.796 | VV | 1169615 | 34975266  | 32.74% | 0.907% |  |
| 181        | 12.809 | 12.796 | 12.826 | VV | 1081549 | 19112188  | 17.89% | 0.495% |  |
| 182        | 12.834 | 12.826 | 12.857 | VV | 1042758 | 18441391  | 17.27% | 0.478% |  |
| 183        | 12.866 | 12.857 | 12.885 | VV | 985394  | 16029976  | 15.01% | 0.416% |  |
| 184        | 12.931 | 12.885 | 12.965 | VV | 1723399 | 56818864  | 53.20% | 1.473% |  |
| 185        | 12.970 | 12.965 | 12.994 | VV | 884763  | 14751850  | 13.81% | 0.382% |  |
| 186        | 13.018 | 12.994 | 13.049 | VV | 918871  | 28245239  | 26.44% | 0.732% |  |
| 187        | 13.054 | 13.049 | 13.058 | VV | 810627  | 4272299   | 4.00%  | 0.111% |  |
| 188        | 13.072 | 13.058 | 13.079 | VV | 813691  | 9981177   | 9.34%  | 0.259% |  |
| 189        | 13.082 | 13.079 | 13.094 | VV | 808926  | 7528027   | 7.05%  | 0.195% |  |
| 190        | 13.098 | 13.094 | 13.121 | VV | 790622  | 12203098  | 11.42% | 0.316% |  |
| 191        | 13.134 | 13.121 | 13.159 | VV | 763176  | 16736429  | 15.67% | 0.434% |  |
| 192        | 13.163 | 13.159 | 13.171 | VV | 732763  | 5464609   | 5.12%  | 0.142% |  |
| 193        | 13.185 | 13.171 | 13.209 | VV | 738696  | 15775086  | 14.77% | 0.409% |  |
| 194        | 13.212 | 13.209 | 13.225 | VV | 672769  | 6495588   | 6.08%  | 0.168% |  |

Instrument :

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ClientSampleId :

CHRT-24449

Manual IntegrationsAPPROVED

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Supervised By :Ankita Jodhani 03/17/2022

|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
| 195 | 13.232 | 13.225 | 13.246 | VV | 641173 | 7884516  | 7.38%  | 0.204% |
| 196 | 13.254 | 13.246 | 13.261 | VV | 629149 | 5604270  |        |        |
| 197 | 13.285 | 13.261 | 13.289 | VV | 642381 | 10401694 |        |        |
| 198 | 13.293 | 13.289 | 13.319 | VV | 634786 | 10989904 | 10.88% | 0.204% |
| 199 | 13.337 | 13.319 | 13.344 | VV | 612459 | 9080206  | 8.88%  | 0.204% |
| 200 | 13.353 | 13.344 | 13.397 | VV | 614438 | 18331369 | 17.38% | 0.204% |
| 201 | 13.405 | 13.397 | 13.413 | VV | 543735 | 5125740  | 4.80%  | 0.133% |
| 202 | 13.427 | 13.413 | 13.475 | VV | 553859 | 19354160 | 18.12% | 0.502% |
| 203 | 13.481 | 13.475 | 13.553 | VV | 500268 | 21407416 | 20.04% | 0.555% |
| 204 | 13.583 | 13.553 | 13.621 | VV | 455998 | 17650808 | 16.53% | 0.458% |
| 205 | 13.635 | 13.621 | 13.662 | VV | 426622 | 9891669  | 9.26%  | 0.256% |
| 206 | 13.669 | 13.662 | 13.676 | VV | 398930 | 3304307  | 3.09%  | 0.086% |
| 207 | 13.680 | 13.676 | 13.707 | VV | 398078 | 7083804  | 6.63%  | 0.184% |
| 208 | 13.716 | 13.707 | 13.726 | VV | 361097 | 4084191  | 3.82%  | 0.106% |
| 209 | 13.732 | 13.726 | 13.780 | VV | 357488 | 10931760 | 10.23% | 0.283% |
| 210 | 13.790 | 13.780 | 13.801 | VV | 325228 | 4107108  | 3.85%  | 0.106% |
| 211 | 13.806 | 13.801 | 13.811 | VV | 322162 | 1839162  | 1.72%  | 0.048% |
| 212 | 13.816 | 13.811 | 13.856 | VV | 325064 | 8361037  | 7.83%  | 0.217% |
| 213 | 13.871 | 13.856 | 13.888 | VV | 296178 | 5535288  | 5.18%  | 0.143% |
| 214 | 13.894 | 13.888 | 13.901 | VV | 285731 | 2176697  | 2.04%  | 0.056% |
| 215 | 13.924 | 13.901 | 13.982 | VV | 291011 | 13082505 | 12.25% | 0.339% |
| 216 | 13.994 | 13.982 | 14.018 | VV | 247447 | 5188860  | 4.86%  | 0.135% |
| 217 | 14.024 | 14.018 | 14.033 | VV | 235586 | 2053569  | 1.92%  | 0.053% |
| 218 | 14.039 | 14.033 | 14.047 | VV | 233410 | 1954860  | 1.83%  | 0.051% |
| 219 | 14.051 | 14.047 | 14.064 | VV | 231875 | 2329671  | 2.18%  | 0.060% |
| 220 | 14.071 | 14.064 | 14.076 | VV | 229674 | 1623719  | 1.52%  | 0.042% |
| 221 | 14.083 | 14.076 | 14.114 | VV | 228224 | 4952376  | 4.64%  | 0.128% |
| 222 | 14.130 | 14.114 | 14.200 | VV | 219386 | 10202987 | 9.55%  | 0.264% |
| 223 | 14.222 | 14.200 | 14.268 | VV | 189405 | 7219175  | 6.76%  | 0.187% |
| 224 | 14.309 | 14.302 | 14.339 | VV | 152453 | 3227900  | 3.02%  | 0.084% |
| 225 | 14.392 | 14.387 | 14.401 | VV | 136255 | 1112462  | 1.04%  | 0.029% |
| 226 | 14.417 | 14.401 | 14.422 | VV | 133987 | 1620460  | 1.52%  | 0.042% |
| 227 | 14.441 | 14.422 | 14.460 | VV | 165376 | 3375617  | 3.16%  | 0.087% |
| 228 | 14.480 | 14.460 | 14.512 | VV | 163260 | 4209351  | 3.94%  | 0.109% |
| 229 | 14.520 | 14.512 | 14.559 | VV | 115832 | 3029236  | 2.84%  | 0.079% |
| 230 | 14.599 | 14.583 | 14.634 | VV | 108692 | 3017635  | 2.83%  | 0.078% |
| 231 | 14.749 | 14.735 | 14.799 | VV | 79414  | 2953737  | 2.77%  | 0.077% |
| 232 | 14.922 | 14.894 | 14.999 | VV | 68499  | 3669158  | 3.44%  | 0.095% |
| 233 | 15.052 | 15.029 | 15.078 | VV | 52310  | 1466735  | 1.37%  | 0.038% |
| 234 | 15.086 | 15.078 | 15.095 | VV | 50124  | 527703   | 0.49%  | 0.014% |
| 235 | 15.104 | 15.095 | 15.132 | VV | 53115  | 1060063  | 0.99%  | 0.027% |
| 236 | 15.241 | 15.221 | 15.252 | VV | 37495  | 653548   | 0.61%  | 0.017% |
| 237 | 15.264 | 15.252 | 15.274 | VV | 37318  | 470519   | 0.44%  | 0.012% |
| 238 | 15.345 | 15.317 | 15.387 | VV | 31124  | 1177773  | 1.10%  | 0.031% |
| 239 | 15.701 | 15.661 | 15.728 | VV | 17070  | 558191   | 0.52%  | 0.014% |
| 240 | 15.854 | 15.826 | 15.881 | VV | 17306  | 433987   | 0.41%  | 0.011% |
| 241 | 15.929 | 15.912 | 15.948 | VV | 12717  | 247375   | 0.23%  | 0.006% |
| 242 | 15.975 | 15.948 | 15.996 | VV | 67736  | 1047926  | 0.98%  | 0.027% |
| 243 | 16.007 | 15.996 | 16.046 | VV | 28188  | 497312   | 0.47%  | 0.013% |
| 244 | 16.086 | 16.046 | 16.090 | VV | 9604   | 202404   | 0.19%  | 0.005% |
| 245 | 16.108 | 16.090 | 16.133 | VV | 12240  | 241523   | 0.23%  | 0.006% |
| 246 | 16.187 | 16.166 | 16.225 | VV | 16793  | 331507   | 0.31%  | 0.009% |

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|                         |        |        |        |    |       |            |       |        |
|-------------------------|--------|--------|--------|----|-------|------------|-------|--------|
|                         |        |        |        |    | rters |            |       |        |
| 247                     | 16.292 | 16.266 | 16.325 | VV | 40591 | 591496     | 0.55% | 0.015% |
| 248                     | 16.351 | 16.325 | 16.404 | VV | 36082 | 590936     |       |        |
| 249                     | 16.456 | 16.426 | 16.500 | VV | 10238 | 234629     |       |        |
| 250                     | 16.555 | 16.500 | 16.591 | PV | 53865 | 782343     |       |        |
| 251                     | 16.726 | 16.684 | 16.784 | VV | 3951  | 125419     |       |        |
| 252                     | 16.851 | 16.812 | 16.907 | PV | 73300 | 1618027    |       |        |
| 253                     | 16.928 | 16.907 | 16.964 | VV | 16604 | 278864     | 0.26% | 0.007% |
| 254                     | 17.007 | 16.987 | 17.042 | VV | 5881  | 91376      | 0.09% | 0.002% |
| 255                     | 17.315 | 17.289 | 17.343 | PV | 4216  | 87999      | 0.08% | 0.002% |
| 256                     | 17.362 | 17.343 | 17.387 | VV | 4886  | 71353      | 0.07% | 0.002% |
| 257                     | 17.448 | 17.409 | 17.484 | VV | 22043 | 350202     | 0.33% | 0.009% |
| 258                     | 17.629 | 17.597 | 17.647 | PV | 7597  | 125825     | 0.12% | 0.003% |
| 259                     | 17.653 | 17.647 | 17.678 | VV | 5685  | 77018      | 0.07% | 0.002% |
| 260                     | 17.715 | 17.678 | 17.759 | VV | 31386 | 820988     | 0.77% | 0.021% |
| 261                     | 17.782 | 17.759 | 17.817 | VV | 22839 | 462044     | 0.43% | 0.012% |
| 262                     | 17.882 | 17.817 | 17.911 | VV | 6882  | 252764     | 0.24% | 0.007% |
| 263                     | 17.962 | 17.937 | 18.025 | VV | 26277 | 395149     | 0.37% | 0.010% |
| 264                     | 18.056 | 18.025 | 18.082 | VV | 3101  | 69598      | 0.07% | 0.002% |
| 265                     | 18.104 | 18.082 | 18.133 | VV | 7390  | 125570     | 0.12% | 0.003% |
| 266                     | 18.157 | 18.133 | 18.173 | VV | 4372  | 79529      | 0.07% | 0.002% |
| 267                     | 18.184 | 18.173 | 18.237 | VV | 4924  | 94033      | 0.09% | 0.002% |
| 268                     | 18.288 | 18.257 | 18.356 | VV | 18060 | 344699     | 0.32% | 0.009% |
| 269                     | 18.484 | 18.465 | 18.495 | VV | 3896  | 53994      | 0.05% | 0.001% |
| 270                     | 18.524 | 18.495 | 18.546 | VV | 10949 | 240095     | 0.22% | 0.006% |
| 271                     | 18.585 | 18.546 | 18.615 | VV | 18137 | 473406     | 0.44% | 0.012% |
| 272                     | 18.634 | 18.615 | 18.648 | VV | 6808  | 121573     | 0.11% | 0.003% |
| 273                     | 18.685 | 18.648 | 18.738 | VV | 9571  | 279985     | 0.26% | 0.007% |
| 274                     | 18.963 | 18.921 | 18.970 | PV | 5727  | 81716      | 0.08% | 0.002% |
| 275                     | 18.998 | 18.970 | 19.023 | VV | 15581 | 268628     | 0.25% | 0.007% |
| 276                     | 19.075 | 19.049 | 19.102 | VV | 10346 | 201170     | 0.19% | 0.005% |
| 277                     | 19.124 | 19.102 | 19.167 | VV | 10033 | 204964     | 0.19% | 0.005% |
| 278                     | 19.194 | 19.167 | 19.233 | PV | 10019 | 195177     | 0.18% | 0.005% |
| 279                     | 19.253 | 19.233 | 19.258 | VV | 2522  | 28797      | 0.03% | 0.001% |
| 280                     | 19.280 | 19.258 | 19.301 | VV | 3381  | 54730      | 0.05% | 0.001% |
| 281                     | 19.341 | 19.301 | 19.361 | VV | 6926  | 116514     | 0.11% | 0.003% |
| 282                     | 19.503 | 19.461 | 19.565 | VV | 5700  | 137364     | 0.13% | 0.004% |
| 283                     | 19.817 | 19.764 | 19.869 | PV | 5026  | 113184     | 0.11% | 0.003% |
| 284                     | 20.068 | 19.997 | 20.076 | BV | 2973  | 41236      | 0.04% | 0.001% |
| 285                     | 20.393 | 20.357 | 20.397 | VV | 3824  | 49617      | 0.05% | 0.001% |
| 286                     | 20.402 | 20.397 | 20.435 | VV | 4148  | 40044      | 0.04% | 0.001% |
| Sum of corrected areas: |        |        |        |    |       | 3857862156 |       |        |

Instrument :

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Aliphatic EPH 022322.M Thu Mar 17 16:44:52 2022