

Instrument :

FID\_G

ClientSampleId :

EX-9-TPH-15

rteres

Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG11182

Data File : FG014852.D

Signal(s) : FID1A.ch

Acq On : 18 Nov 2024 15:18

Sample : P4839-07 5X

Misc :

ALS Vial : 19 Sample Multiplier: 1

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :Ankita Jodhani 11/19/2024

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG111324.M

Title :

Signal : FID1A.ch

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.465       | 4.418        | 4.491      | BV       | 7228           | 124704       | 8.11%          | 0.227%        |
| 2         | 4.509       | 4.491        | 4.535      | VV       | 8801           | 115985       | 7.54%          | 0.211%        |
| 3         | 4.552       | 4.535        | 4.567      | VV       | 2406           | 37388        | 2.43%          | 0.068%        |
| 4         | 4.579       | 4.567        | 4.593      | VV       | 2315           | 30969        | 2.01%          | 0.056%        |
| 5         | 4.602       | 4.593        | 4.619      | VV       | 1595           | 16203        | 1.05%          | 0.029%        |
| 6         | 4.643       | 4.619        | 4.666      | VV       | 4491           | 58257        | 3.79%          | 0.106%        |
| 7         | 4.674       | 4.666        | 4.682      | VV       | 375            | 3199         | 0.21%          | 0.006%        |
| 8         | 4.700       | 4.682        | 4.708      | VV       | 1437           | 16130        | 1.05%          | 0.029%        |
| 9         | 4.748       | 4.708        | 4.767      | VV       | 6439           | 157699       | 10.25%         | 0.287%        |
| 10        | 4.781       | 4.767        | 4.804      | VV       | 7537           | 135225       | 8.79%          | 0.246%        |
| 11        | 4.820       | 4.804        | 4.835      | VV       | 8706           | 114578       | 7.45%          | 0.208%        |
| 12        | 4.852       | 4.835        | 4.867      | VV       | 26791          | 281933       | 18.33%         | 0.512%        |
| 13        | 4.877       | 4.867        | 4.896      | VV       | 14512          | 193719       | 12.60%         | 0.352%        |
| 14        | 4.913       | 4.896        | 4.926      | VV       | 11674          | 170959       | 11.12%         | 0.311%        |
| 15        | 4.930       | 4.926        | 4.943      | VV       | 8802           | 76568        | 4.98%          | 0.139%        |
| 16        | 4.958       | 4.943        | 4.972      | VV       | 13691          | 164322       | 10.68%         | 0.299%        |
| 17        | 4.988       | 4.972        | 5.004      | VV       | 14339          | 204818       | 13.32%         | 0.372%        |
| 18        | 5.032       | 5.004        | 5.059      | VV       | 22173          | 383188       | 24.91%         | 0.696%        |
| 19        | 5.080       | 5.059        | 5.117      | VV       | 15458          | 236474       | 15.38%         | 0.430%        |
| 20        | 5.148       | 5.117        | 5.164      | VV       | 8927           | 139557       | 9.07%          | 0.254%        |
| 21        | 5.183       | 5.164        | 5.202      | VV       | 11922          | 175295       | 11.40%         | 0.319%        |
| 22        | 5.214       | 5.202        | 5.225      | VV       | 7566           | 82481        | 5.36%          | 0.150%        |
| 23        | 5.245       | 5.225        | 5.261      | VV       | 25284          | 302790       | 19.69%         | 0.550%        |
| 24        | 5.278       | 5.261        | 5.302      | VV       | 23961          | 277114       | 18.02%         | 0.504%        |
| 25        | 5.329       | 5.302        | 5.336      | VV       | 12159          | 147942       | 9.62%          | 0.269%        |
| 26        | 5.354       | 5.336        | 5.373      | VV       | 31571          | 393902       | 25.61%         | 0.716%        |
| 27        | 5.388       | 5.373        | 5.425      | VV       | 12827          | 230095       | 14.96%         | 0.418%        |
| 28        | 5.454       | 5.425        | 5.467      | VV       | 7394           | 132699       | 8.63%          | 0.241%        |
| 29        | 5.487       | 5.467        | 5.501      | VV       | 14861          | 214711       | 13.96%         | 0.390%        |
| 30        | 5.509       | 5.501        | 5.521      | VV       | 10488          | 115667       | 7.52%          | 0.210%        |
| 31        | 5.528       | 5.521        | 5.537      | VV       | 8627           | 75521        | 4.91%          | 0.137%        |
| 32        | 5.552       | 5.537        | 5.565      | VV       | 12547          | 175992       | 11.44%         | 0.320%        |
| 33        | 5.582       | 5.565        | 5.599      | VV       | 18424          | 261973       | 17.03%         | 0.476%        |
| 34        | 5.623       | 5.599        | 5.639      | VV       | 11209          | 225576       | 14.67%         | 0.410%        |
| 35        | 5.647       | 5.639        | 5.662      | VV       | 8112           | 94559        | 6.15%          | 0.172%        |
| 36        | 5.675       | 5.662        | 5.685      | VV       | 6844           | 81831        | 5.32%          | 0.149%        |

| Instrument : FID_G           |       |       |       |    |       |         |        |        |  |
|------------------------------|-------|-------|-------|----|-------|---------|--------|--------|--|
| ClientSampleId : EX-9-TPH-15 |       |       |       |    |       |         |        |        |  |
| rteres                       |       |       |       |    |       |         |        |        |  |
| 37                           | 5.703 | 5.685 | 5.709 | VV | 21264 | 208847  | 13.58% | 0.380% |  |
| 38                           | 5.719 | 5.709 | 5.739 | VV | 24633 | 300048  | 19.81% | 0.372% |  |
| 39                           | 5.754 | 5.739 | 5.767 | VV | 9501  | 125400  | 8.77%  | 0.372% |  |
| 40                           | 5.783 | 5.767 | 5.817 | VV | 9822  | 213283  | 13.58% | 0.380% |  |
| 41                           | 5.835 | 5.817 | 5.846 | VV | 9505  | 135046  | 8.77%  | 0.372% |  |
| 42                           | 5.859 | 5.846 | 5.868 | VV | 12017 | 136170  | 8.77%  | 0.372% |  |
| 43                           | 5.895 | 5.868 | 5.923 | VV | 35734 | 809333  | 52.62% | 1.471% |  |
| 44                           | 5.931 | 5.923 | 5.946 | VV | 18261 | 204930  | 13.32% | 0.372% |  |
| 45                           | 5.970 | 5.946 | 5.985 | VV | 19879 | 316442  | 20.57% | 0.575% |  |
| 46                           | 6.013 | 5.985 | 6.046 | VV | 44110 | 910057  | 59.17% | 1.654% |  |
| 47                           | 6.075 | 6.046 | 6.108 | VV | 22661 | 483445  | 31.43% | 0.879% |  |
| 48                           | 6.140 | 6.108 | 6.164 | VV | 19147 | 388228  | 25.24% | 0.706% |  |
| 49                           | 6.188 | 6.164 | 6.208 | VV | 24868 | 326521  | 21.23% | 0.593% |  |
| 50                           | 6.240 | 6.208 | 6.260 | VV | 33051 | 513495  | 33.39% | 0.933% |  |
| 51                           | 6.290 | 6.260 | 6.325 | VV | 32591 | 889080  | 57.81% | 1.616% |  |
| 52                           | 6.338 | 6.325 | 6.358 | VV | 30633 | 395774  | 25.73% | 0.719% |  |
| 53                           | 6.375 | 6.358 | 6.387 | VV | 14769 | 220554  | 14.34% | 0.401% |  |
| 54                           | 6.399 | 6.387 | 6.404 | VV | 16628 | 161606  | 10.51% | 0.294% |  |
| 55                           | 6.424 | 6.404 | 6.457 | VV | 24950 | 609530  | 39.63% | 1.108% |  |
| 56                           | 6.476 | 6.457 | 6.493 | VV | 17275 | 324917  | 21.13% | 0.590% |  |
| 57                           | 6.508 | 6.493 | 6.518 | VV | 18812 | 233234  | 15.16% | 0.424% |  |
| 58                           | 6.548 | 6.518 | 6.592 | VV | 24918 | 904503  | 58.81% | 1.644% |  |
| 59                           | 6.612 | 6.592 | 6.636 | VV | 25244 | 489071  | 31.80% | 0.889% |  |
| 60                           | 6.655 | 6.636 | 6.673 | VV | 24270 | 435437  | 28.31% | 0.791% |  |
| 61                           | 6.682 | 6.673 | 6.700 | VV | 19459 | 273308  | 17.77% | 0.497% |  |
| 62                           | 6.707 | 6.700 | 6.719 | VV | 15143 | 169793  | 11.04% | 0.309% |  |
| 63                           | 6.730 | 6.719 | 6.742 | VV | 14774 | 181309  | 11.79% | 0.329% |  |
| 64                           | 6.758 | 6.742 | 6.789 | VV | 20356 | 439450  | 28.57% | 0.799% |  |
| 65                           | 6.801 | 6.789 | 6.806 | VV | 13972 | 136235  | 8.86%  | 0.248% |  |
| 66                           | 6.828 | 6.806 | 6.843 | VV | 21286 | 393261  | 25.57% | 0.715% |  |
| 67                           | 6.863 | 6.843 | 6.874 | VV | 25879 | 398711  | 25.92% | 0.725% |  |
| 68                           | 6.893 | 6.874 | 6.917 | VV | 98645 | 1304450 | 84.81% | 2.371% |  |
| 69                           | 6.932 | 6.917 | 6.953 | VV | 32282 | 542000  | 35.24% | 0.985% |  |
| 70                           | 6.966 | 6.953 | 7.003 | VV | 30732 | 598201  | 38.89% | 1.087% |  |
| 71                           | 7.023 | 7.003 | 7.044 | VV | 34307 | 562598  | 36.58% | 1.022% |  |
| 72                           | 7.068 | 7.044 | 7.095 | VV | 38345 | 777350  | 50.54% | 1.413% |  |
| 73                           | 7.105 | 7.095 | 7.118 | VV | 19352 | 232750  | 15.13% | 0.423% |  |
| 74                           | 7.140 | 7.118 | 7.171 | VV | 27658 | 638777  | 41.53% | 1.161% |  |
| 75                           | 7.212 | 7.171 | 7.232 | VV | 25719 | 630638  | 41.00% | 1.146% |  |
| 76                           | 7.256 | 7.232 | 7.262 | VV | 33025 | 455129  | 29.59% | 0.827% |  |
| 77                           | 7.271 | 7.262 | 7.292 | VV | 33840 | 463118  | 30.11% | 0.842% |  |
| 78                           | 7.313 | 7.292 | 7.344 | VV | 36639 | 698001  | 45.38% | 1.268% |  |
| 79                           | 7.369 | 7.344 | 7.407 | VV | 26116 | 710800  | 46.22% | 1.292% |  |
| 80                           | 7.419 | 7.407 | 7.437 | VV | 16211 | 262069  | 17.04% | 0.476% |  |
| 81                           | 7.461 | 7.437 | 7.497 | VV | 83496 | 1342315 | 87.28% | 2.439% |  |
| 82                           | 7.517 | 7.497 | 7.540 | VV | 31177 | 602972  | 39.20% | 1.096% |  |
| 83                           | 7.561 | 7.540 | 7.578 | VV | 28738 | 467742  | 30.41% | 0.850% |  |
| 84                           | 7.588 | 7.578 | 7.597 | VV | 18429 | 203915  | 13.26% | 0.371% |  |
| 85                           | 7.608 | 7.597 | 7.623 | VV | 19093 | 273589  | 17.79% | 0.497% |  |
| 86                           | 7.662 | 7.623 | 7.710 | VV | 23841 | 1023526 | 66.55% | 1.860% |  |
| 87                           | 7.738 | 7.710 | 7.764 | VV | 24094 | 639262  | 41.56% | 1.162% |  |
| 88                           | 7.778 | 7.764 | 7.784 | VV | 21561 | 249221  | 16.20% | 0.453% |  |
| 89                           | 7.814 | 7.784 | 7.837 | VV | 25783 | 732740  | 47.64% | 1.332% |  |

Manual IntegrationsAPPROVED

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|                              |       |       |       |    |       |         |         |        |  |
|------------------------------|-------|-------|-------|----|-------|---------|---------|--------|--|
| Instrument : FID_G           |       |       |       |    |       |         |         |        |  |
| ClientSampleId : EX-9-TPH-15 |       |       |       |    |       |         |         |        |  |
| 90                           | 7.862 | 7.837 | 7.889 | VV | 47427 | 941539  | 61.22%  | 1.711% |  |
| 91                           | 7.907 | 7.889 | 7.931 | VV | 24132 | 461790  | 30.00%  | 0.987% |  |
| 92                           | 7.950 | 7.931 | 7.968 | VV | 22081 | 376184  | 24.00%  | 0.690% |  |
| 93                           | 7.979 | 7.968 | 7.987 | VV | 15379 | 166196  | 10.00%  | 0.765% |  |
| 94                           | 8.006 | 7.987 | 8.011 | VV | 23527 | 282759  | 18.00%  | 0.734% |  |
| 95                           | 8.028 | 8.011 | 8.044 | VV | 31471 | 513971  | 33.00%  | 0.938% |  |
| 96                           | 8.057 | 8.044 | 8.098 | VV | 22766 | 542865  | 35.30%  | 0.987% |  |
| 97                           | 8.120 | 8.098 | 8.133 | VV | 23787 | 379694  | 24.69%  | 0.690% |  |
| 98                           | 8.150 | 8.133 | 8.162 | VV | 29929 | 421109  | 27.38%  | 0.765% |  |
| 99                           | 8.173 | 8.162 | 8.193 | VV | 28827 | 403977  | 26.27%  | 0.734% |  |
| 100                          | 8.216 | 8.193 | 8.235 | VV | 28042 | 516022  | 33.55%  | 0.938% |  |
| 101                          | 8.270 | 8.235 | 8.287 | VV | 28954 | 646922  | 42.06%  | 1.176% |  |
| 102                          | 8.299 | 8.287 | 8.310 | VV | 19801 | 248450  | 16.15%  | 0.452% |  |
| 103                          | 8.318 | 8.310 | 8.338 | VV | 19147 | 276624  | 17.99%  | 0.503% |  |
| 104                          | 8.389 | 8.338 | 8.417 | VV | 76037 | 1538016 | 100.00% | 2.795% |  |
| 105                          | 8.433 | 8.417 | 8.461 | VV | 17214 | 413233  | 26.87%  | 0.751% |  |
| 106                          | 8.487 | 8.461 | 8.503 | VV | 39424 | 652754  | 42.44%  | 1.186% |  |
| 107                          | 8.516 | 8.503 | 8.540 | VV | 32115 | 523059  | 34.01%  | 0.951% |  |
| 108                          | 8.553 | 8.540 | 8.582 | VV | 19489 | 443234  | 28.82%  | 0.805% |  |
| 109                          | 8.617 | 8.582 | 8.635 | VV | 24628 | 586292  | 38.12%  | 1.065% |  |
| 110                          | 8.665 | 8.635 | 8.701 | VV | 25007 | 760957  | 49.48%  | 1.383% |  |
| 111                          | 8.726 | 8.701 | 8.747 | VV | 23496 | 529874  | 34.45%  | 0.963% |  |
| 112                          | 8.765 | 8.747 | 8.779 | VV | 17958 | 302455  | 19.67%  | 0.550% |  |
| 113                          | 8.786 | 8.779 | 8.801 | VV | 15368 | 188093  | 12.23%  | 0.342% |  |
| 114                          | 8.817 | 8.801 | 8.834 | VV | 15861 | 259468  | 16.87%  | 0.472% |  |
| 115                          | 8.861 | 8.834 | 8.888 | VV | 16395 | 426349  | 27.72%  | 0.775% |  |
| 116                          | 8.900 | 8.888 | 8.911 | VV | 12244 | 154048  | 10.02%  | 0.280% |  |
| 117                          | 8.930 | 8.911 | 8.954 | VV | 20250 | 397254  | 25.83%  | 0.722% |  |
| 118                          | 8.971 | 8.954 | 8.980 | VV | 16681 | 237631  | 15.45%  | 0.432% |  |
| 119                          | 8.992 | 8.980 | 9.008 | VV | 18057 | 273985  | 17.81%  | 0.498% |  |
| 120                          | 9.027 | 9.008 | 9.049 | VV | 21054 | 391489  | 25.45%  | 0.711% |  |
| 121                          | 9.067 | 9.049 | 9.079 | VV | 15690 | 253471  | 16.48%  | 0.461% |  |
| 122                          | 9.113 | 9.079 | 9.136 | VV | 50185 | 849598  | 55.24%  | 1.544% |  |
| 123                          | 9.142 | 9.136 | 9.149 | VV | 10725 | 80759   | 5.25%   | 0.147% |  |
| 124                          | 9.160 | 9.149 | 9.176 | VV | 10860 | 167071  | 10.86%  | 0.304% |  |
| 125                          | 9.189 | 9.176 | 9.201 | VV | 11069 | 153038  | 9.95%   | 0.278% |  |
| 126                          | 9.216 | 9.201 | 9.237 | VV | 14497 | 265658  | 17.27%  | 0.483% |  |
| 127                          | 9.258 | 9.237 | 9.276 | VV | 13826 | 278269  | 18.09%  | 0.506% |  |
| 128                          | 9.289 | 9.276 | 9.308 | VV | 10307 | 178964  | 11.64%  | 0.325% |  |
| 129                          | 9.341 | 9.308 | 9.358 | VV | 15597 | 346606  | 22.54%  | 0.630% |  |
| 130                          | 9.386 | 9.358 | 9.403 | VV | 16476 | 344043  | 22.37%  | 0.625% |  |
| 131                          | 9.426 | 9.403 | 9.462 | VV | 17249 | 396635  | 25.79%  | 0.721% |  |
| 132                          | 9.483 | 9.462 | 9.506 | VV | 12590 | 249722  | 16.24%  | 0.454% |  |
| 133                          | 9.542 | 9.506 | 9.561 | VV | 13754 | 328467  | 21.36%  | 0.597% |  |
| 134                          | 9.575 | 9.561 | 9.591 | VV | 10179 | 150859  | 9.81%   | 0.274% |  |
| 135                          | 9.599 | 9.591 | 9.614 | VV | 7286  | 91617   | 5.96%   | 0.166% |  |
| 136                          | 9.633 | 9.614 | 9.647 | VV | 7993  | 142976  | 9.30%   | 0.260% |  |
| 137                          | 9.681 | 9.647 | 9.716 | VV | 12488 | 343490  | 22.33%  | 0.624% |  |
| 138                          | 9.727 | 9.716 | 9.745 | VV | 6668  | 102263  | 6.65%   | 0.186% |  |
| 139                          | 9.772 | 9.745 | 9.810 | VV | 14138 | 358145  | 23.29%  | 0.651% |  |
| 140                          | 9.847 | 9.810 | 9.883 | VV | 13253 | 373386  | 24.28%  | 0.679% |  |
| 141                          | 9.887 | 9.883 | 9.899 | VV | 5677  | 52873   | 3.44%   | 0.096% |  |

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|     |        |        |        |    |       |        |        |        |
|-----|--------|--------|--------|----|-------|--------|--------|--------|
|     |        |        |        |    |       |        |        |        |
|     |        |        |        |    | rters |        |        |        |
| 142 | 9.917  | 9.899  | 9.925  | VV | 7068  | 96697  | 6.29%  | 0.176% |
| 143 | 9.940  | 9.925  | 9.959  | VV | 8987  | 151739 |        |        |
| 144 | 9.970  | 9.959  | 9.994  | VV | 6477  | 112014 |        |        |
| 145 | 10.014 | 9.994  | 10.021 | VV | 4632  | 72192  |        |        |
|     |        |        |        |    |       |        |        |        |
| 146 | 10.044 | 10.021 | 10.073 | VV | 27799 | 370048 | 24.52% | 0.350% |
| 147 | 10.090 | 10.073 | 10.110 | VV | 5712  | 109990 |        |        |
| 148 | 10.137 | 10.110 | 10.165 | VV | 7936  | 192523 | 12.52% | 0.350% |
| 149 | 10.183 | 10.165 | 10.203 | VV | 6092  | 116483 | 7.57%  | 0.212% |
| 150 | 10.212 | 10.203 | 10.229 | VV | 4303  | 62413  | 4.06%  | 0.113% |
|     |        |        |        |    |       |        |        |        |
| 151 | 10.247 | 10.229 | 10.271 | VV | 4797  | 110205 | 7.17%  | 0.200% |
| 152 | 10.286 | 10.271 | 10.325 | VV | 4640  | 116033 | 7.54%  | 0.211% |
| 153 | 10.352 | 10.325 | 10.384 | VV | 3844  | 106436 | 6.92%  | 0.193% |
| 154 | 10.394 | 10.384 | 10.404 | VV | 2876  | 32666  | 2.12%  | 0.059% |
| 155 | 10.413 | 10.404 | 10.434 | VV | 2705  | 44115  | 2.87%  | 0.080% |
|     |        |        |        |    |       |        |        |        |
| 156 | 10.455 | 10.434 | 10.489 | VV | 2892  | 75203  | 4.89%  | 0.137% |
| 157 | 10.519 | 10.489 | 10.544 | VV | 7033  | 129851 | 8.44%  | 0.236% |
| 158 | 10.569 | 10.544 | 10.600 | VV | 11181 | 193943 | 12.61% | 0.352% |
| 159 | 10.622 | 10.600 | 10.631 | VV | 3147  | 51915  | 3.38%  | 0.094% |
| 160 | 10.645 | 10.631 | 10.671 | VV | 3607  | 67917  | 4.42%  | 0.123% |
|     |        |        |        |    |       |        |        |        |
| 161 | 10.689 | 10.671 | 10.709 | VV | 3154  | 56280  | 3.66%  | 0.102% |
| 162 | 10.718 | 10.709 | 10.740 | VV | 2176  | 32664  | 2.12%  | 0.059% |
| 163 | 10.765 | 10.740 | 10.803 | VV | 2282  | 66123  | 4.30%  | 0.120% |
| 164 | 10.828 | 10.803 | 10.838 | VV | 1834  | 34186  | 2.22%  | 0.062% |
| 165 | 10.850 | 10.838 | 10.881 | VV | 1906  | 43671  | 2.84%  | 0.079% |
|     |        |        |        |    |       |        |        |        |
| 166 | 10.901 | 10.881 | 10.915 | VV | 2078  | 35984  | 2.34%  | 0.065% |
| 167 | 10.920 | 10.915 | 10.924 | VV | 1846  | 9865   | 0.64%  | 0.018% |
| 168 | 10.934 | 10.924 | 10.955 | VV | 1921  | 30426  | 1.98%  | 0.055% |
| 169 | 10.993 | 10.955 | 11.088 | VV | 7851  | 194116 | 12.62% | 0.353% |
| 170 | 11.109 | 11.088 | 11.126 | VV | 977   | 19680  | 1.28%  | 0.036% |
|     |        |        |        |    |       |        |        |        |
| 171 | 11.133 | 11.126 | 11.147 | VV | 991   | 11356  | 0.74%  | 0.021% |
| 172 | 11.169 | 11.147 | 11.225 | VV | 3398  | 66230  | 4.31%  | 0.120% |
| 173 | 11.251 | 11.225 | 11.282 | VV | 1167  | 31262  | 2.03%  | 0.057% |
| 174 | 11.316 | 11.282 | 11.369 | VV | 1313  | 41935  | 2.73%  | 0.076% |
| 175 | 11.375 | 11.369 | 11.379 | VV | 622   | 3405   | 0.22%  | 0.006% |
|     |        |        |        |    |       |        |        |        |
| 176 | 11.393 | 11.379 | 11.421 | VV | 681   | 13656  | 0.89%  | 0.025% |
| 177 | 11.443 | 11.421 | 11.447 | VV | 601   | 8070   | 0.52%  | 0.015% |
| 178 | 11.454 | 11.447 | 11.461 | VV | 609   | 4960   | 0.32%  | 0.009% |
| 179 | 11.479 | 11.461 | 11.502 | VV | 966   | 17240  | 1.12%  | 0.031% |
| 180 | 11.530 | 11.502 | 11.548 | VV | 706   | 16041  | 1.04%  | 0.029% |
|     |        |        |        |    |       |        |        |        |
| 181 | 11.562 | 11.548 | 11.612 | VV | 827   | 25053  | 1.63%  | 0.046% |
| 182 | 11.622 | 11.612 | 11.636 | VV | 789   | 9304   | 0.60%  | 0.017% |
| 183 | 11.649 | 11.636 | 11.678 | VV | 675   | 14499  | 0.94%  | 0.026% |
| 184 | 11.716 | 11.678 | 11.746 | VV | 2126  | 45548  | 2.96%  | 0.083% |
| 185 | 11.749 | 11.746 | 11.753 | VV | 373   | 1449   | 0.09%  | 0.003% |
|     |        |        |        |    |       |        |        |        |
| 186 | 11.769 | 11.753 | 11.801 | VV | 483   | 11306  | 0.74%  | 0.021% |
| 187 | 11.825 | 11.801 | 11.851 | VV | 746   | 13362  | 0.87%  | 0.024% |
| 188 | 11.869 | 11.851 | 11.879 | VV | 419   | 5662   | 0.37%  | 0.010% |
| 189 | 11.893 | 11.879 | 11.910 | VV | 490   | 7898   | 0.51%  | 0.014% |
| 190 | 11.917 | 11.910 | 11.928 | VV | 485   | 4946   | 0.32%  | 0.009% |
|     |        |        |        |    |       |        |        |        |
| 191 | 11.939 | 11.928 | 11.953 | VV | 473   | 6288   | 0.41%  | 0.011% |
| 192 | 11.975 | 11.953 | 11.991 | VV | 934   | 13557  | 0.88%  | 0.025% |
| 193 | 12.005 | 11.991 | 12.032 | VV | 956   | 15244  | 0.99%  | 0.028% |
| 194 | 12.038 | 12.032 | 12.060 | VV | 423   | 5620   | 0.37%  | 0.010% |

Instrument :

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ClientSampleId :

EX-9-TPH-15

Manual IntegrationsAPPROVED

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Supervised By :Ankita Jodhani 11/19/2024

|     |        |        |        |    |       |        |        |        |
|-----|--------|--------|--------|----|-------|--------|--------|--------|
| 195 | 12.073 | 12.060 | 12.080 | VV | 426   | 4250   | 0.28%  | 0.008% |
| 196 | 12.082 | 12.080 | 12.094 | VV | 425   | 3234   |        |        |
| 197 | 12.117 | 12.094 | 12.139 | VV | 651   | 13637  |        |        |
| 198 | 12.154 | 12.139 | 12.198 | VV | 559   | 13193  |        |        |
| 199 | 12.229 | 12.198 | 12.253 | VV | 341   | 7897   |        |        |
| 200 | 12.279 | 12.253 | 12.300 | VV | 798   | 15644  |        |        |
| 201 | 12.314 | 12.300 | 12.330 | VV | 463   | 6254   | 0.41%  | 0.011% |
| 202 | 12.340 | 12.330 | 12.357 | VV | 346   | 4622   | 0.30%  | 0.008% |
| 203 | 12.381 | 12.357 | 12.396 | VV | 392   | 7354   | 0.48%  | 0.013% |
| 204 | 12.405 | 12.396 | 12.413 | VV | 368   | 3299   | 0.21%  | 0.006% |
| 205 | 12.419 | 12.413 | 12.446 | VV | 366   | 5867   | 0.38%  | 0.011% |
| 206 | 12.451 | 12.446 | 12.472 | VV | 335   | 4030   | 0.26%  | 0.007% |
| 207 | 12.479 | 12.472 | 12.487 | VV | 297   | 2081   | 0.14%  | 0.004% |
| 208 | 12.510 | 12.487 | 12.514 | VV | 408   | 5331   | 0.35%  | 0.010% |
| 209 | 12.539 | 12.514 | 12.609 | VV | 10644 | 154983 | 10.08% | 0.282% |
| 210 | 12.628 | 12.609 | 12.645 | VV | 681   | 12584  | 0.82%  | 0.023% |
| 211 | 12.655 | 12.645 | 12.675 | VV | 568   | 8765   | 0.57%  | 0.016% |
| 212 | 12.678 | 12.675 | 12.689 | VV | 435   | 3255   | 0.21%  | 0.006% |
| 213 | 12.699 | 12.689 | 12.704 | VV | 400   | 3411   | 0.22%  | 0.006% |
| 214 | 12.722 | 12.704 | 12.746 | VV | 505   | 9400   | 0.61%  | 0.017% |
| 215 | 12.767 | 12.746 | 12.783 | VV | 629   | 10355  | 0.67%  | 0.019% |
| 216 | 12.786 | 12.783 | 12.832 | VV | 486   | 7904   | 0.51%  | 0.014% |
| 217 | 12.876 | 12.832 | 12.899 | VV | 845   | 18765  | 1.22%  | 0.034% |
| 218 | 12.916 | 12.899 | 12.924 | VV | 465   | 5768   | 0.38%  | 0.010% |
| 219 | 12.938 | 12.924 | 12.960 | VV | 499   | 8360   | 0.54%  | 0.015% |
| 220 | 12.967 | 12.960 | 12.979 | VV | 310   | 2919   | 0.19%  | 0.005% |
| 221 | 13.014 | 12.979 | 13.046 | VV | 918   | 20328  | 1.32%  | 0.037% |
| 222 | 13.052 | 13.046 | 13.056 | VV | 219   | 1007   | 0.07%  | 0.002% |
| 223 | 13.064 | 13.056 | 13.072 | VV | 241   | 2082   | 0.14%  | 0.004% |
| 224 | 13.081 | 13.072 | 13.098 | VV | 252   | 2942   | 0.19%  | 0.005% |
| 225 | 13.110 | 13.098 | 13.130 | VV | 202   | 3193   | 0.21%  | 0.006% |
| 226 | 13.137 | 13.130 | 13.147 | VV | 197   | 1661   | 0.11%  | 0.003% |
| 227 | 13.154 | 13.147 | 13.161 | VV | 201   | 1315   | 0.09%  | 0.002% |
| 228 | 13.168 | 13.161 | 13.172 | VV | 176   | 967    | 0.06%  | 0.002% |
| 229 | 13.215 | 13.172 | 13.240 | VV | 313   | 9306   | 0.61%  | 0.017% |
| 230 | 13.243 | 13.240 | 13.262 | VV | 184   | 1906   | 0.12%  | 0.003% |
| 231 | 13.272 | 13.262 | 13.276 | VV | 164   | 1031   | 0.07%  | 0.002% |
| 232 | 13.293 | 13.276 | 13.319 | VV | 408   | 5905   | 0.38%  | 0.011% |
| 233 | 13.350 | 13.319 | 13.371 | VV | 287   | 6806   | 0.44%  | 0.012% |
| 234 | 13.382 | 13.371 | 13.406 | VV | 256   | 4080   | 0.27%  | 0.007% |
| 235 | 13.415 | 13.406 | 13.419 | VV | 183   | 1281   | 0.08%  | 0.002% |
| 236 | 13.437 | 13.419 | 13.453 | VV | 334   | 5458   | 0.35%  | 0.010% |
| 237 | 13.458 | 13.453 | 13.462 | VV | 273   | 1293   | 0.08%  | 0.002% |
| 238 | 13.467 | 13.462 | 13.481 | VV | 277   | 2369   | 0.15%  | 0.004% |
| 239 | 13.496 | 13.481 | 13.518 | VV | 290   | 3657   | 0.24%  | 0.007% |
| 240 | 13.558 | 13.518 | 13.563 | PV | 379   | 5027   | 0.33%  | 0.009% |
| 241 | 13.571 | 13.563 | 13.594 | VV | 406   | 5739   | 0.37%  | 0.010% |
| 242 | 13.626 | 13.594 | 13.650 | VV | 417   | 8976   | 0.58%  | 0.016% |
| 243 | 13.658 | 13.650 | 13.677 | VV | 208   | 3232   | 0.21%  | 0.006% |
| 244 | 13.682 | 13.677 | 13.689 | VV | 231   | 1484   | 0.10%  | 0.003% |
| 245 | 13.694 | 13.689 | 13.701 | VV | 226   | 1400   | 0.09%  | 0.003% |
| 246 | 13.728 | 13.701 | 13.755 | VV | 682   | 11539  | 0.75%  | 0.021% |

Instrument :

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EX-9-TPH-15

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|     |        |        |        |    |       |        |        |        |
|-----|--------|--------|--------|----|-------|--------|--------|--------|
| 247 | 13.779 | 13.755 | 13.827 | VV | 1310  | 27398  | 1.78%  | 0.050% |
| 248 | 13.831 | 13.827 | 13.865 | VV | 289   | 5017   |        |        |
| 249 | 13.877 | 13.865 | 13.898 | VV | 247   | 4032   |        |        |
| 250 | 13.904 | 13.898 | 13.910 | VV | 186   | 1006   |        |        |
| 251 | 13.957 | 13.910 | 13.980 | VV | 1343  | 20475  |        |        |
| 252 | 13.991 | 13.980 | 14.008 | VV | 249   | 3682   |        |        |
| 253 | 14.019 | 14.008 | 14.027 | VV | 223   | 2272   | 0.15%  | 0.004% |
| 254 | 14.031 | 14.027 | 14.043 | VV | 181   | 1504   | 0.10%  | 0.003% |
| 255 | 14.090 | 14.043 | 14.113 | VV | 522   | 11041  | 0.72%  | 0.020% |
| 256 | 14.137 | 14.113 | 14.190 | VV | 788   | 14688  | 0.95%  | 0.027% |
| 257 | 14.197 | 14.190 | 14.205 | VV | 171   | 1237   | 0.08%  | 0.002% |
| 258 | 14.210 | 14.205 | 14.220 | VV | 153   | 994    | 0.06%  | 0.002% |
| 259 | 14.223 | 14.220 | 14.229 | VV | 164   | 821    | 0.05%  | 0.001% |
| 260 | 14.231 | 14.229 | 14.241 | VV | 162   | 1121   | 0.07%  | 0.002% |
| 261 | 14.251 | 14.241 | 14.267 | VV | 224   | 2732   | 0.18%  | 0.005% |
| 262 | 14.273 | 14.267 | 14.278 | VV | 144   | 784    | 0.05%  | 0.001% |
| 263 | 14.282 | 14.278 | 14.316 | VV | 155   | 1857   | 0.12%  | 0.003% |
| 264 | 14.322 | 14.316 | 14.325 | PV | 35    | 116    | 0.01%  | 0.000% |
| 265 | 14.376 | 14.325 | 14.398 | PV | 215   | 6085   | 0.40%  | 0.011% |
| 266 | 14.403 | 14.398 | 14.418 | VV | 129   | 1150   | 0.07%  | 0.002% |
| 267 | 14.425 | 14.418 | 14.431 | VV | 128   | 810    | 0.05%  | 0.001% |
| 268 | 14.434 | 14.431 | 14.450 | VV | 128   | 928    | 0.06%  | 0.002% |
| 269 | 14.457 | 14.450 | 14.463 | VV | 87    | 540    | 0.04%  | 0.001% |
| 270 | 14.492 | 14.463 | 14.513 | VV | 201   | 4423   | 0.29%  | 0.008% |
| 271 | 14.530 | 14.513 | 14.551 | VV | 308   | 5109   | 0.33%  | 0.009% |
| 272 | 14.555 | 14.551 | 14.578 | VV | 193   | 2284   | 0.15%  | 0.004% |
| 273 | 14.582 | 14.578 | 14.590 | VV | 137   | 827    | 0.05%  | 0.002% |
| 274 | 14.601 | 14.590 | 14.607 | VV | 150   | 1177   | 0.08%  | 0.002% |
| 275 | 14.621 | 14.607 | 14.630 | VV | 194   | 1793   | 0.12%  | 0.003% |
| 276 | 14.633 | 14.630 | 14.641 | VV | 176   | 966    | 0.06%  | 0.002% |
| 277 | 14.647 | 14.641 | 14.651 | VV | 158   | 758    | 0.05%  | 0.001% |
| 278 | 14.655 | 14.651 | 14.673 | VV | 209   | 1791   | 0.12%  | 0.003% |
| 279 | 14.702 | 14.673 | 14.743 | VV | 1422  | 21412  | 1.39%  | 0.039% |
| 280 | 14.761 | 14.743 | 14.831 | VV | 509   | 13569  | 0.88%  | 0.025% |
| 281 | 14.866 | 14.831 | 14.901 | VV | 429   | 8803   | 0.57%  | 0.016% |
| 282 | 14.931 | 14.901 | 14.944 | VV | 152   | 2388   | 0.16%  | 0.004% |
| 283 | 14.953 | 14.944 | 14.958 | VV | 113   | 714    | 0.05%  | 0.001% |
| 284 | 14.977 | 14.958 | 14.996 | VV | 142   | 2245   | 0.15%  | 0.004% |
| 285 | 15.040 | 14.996 | 15.068 | VV | 17270 | 240232 | 15.62% | 0.437% |
| 286 | 15.081 | 15.068 | 15.133 | VV | 967   | 14015  | 0.91%  | 0.025% |
| 287 | 15.156 | 15.133 | 15.173 | VV | 154   | 2497   | 0.16%  | 0.005% |
| 288 | 15.242 | 15.173 | 15.270 | VV | 2450  | 38392  | 2.50%  | 0.070% |
| 289 | 15.286 | 15.270 | 15.327 | VV | 1062  | 15283  | 0.99%  | 0.028% |
| 290 | 15.334 | 15.327 | 15.341 | VV | 129   | 825    | 0.05%  | 0.001% |
| 291 | 15.343 | 15.341 | 15.357 | VV | 129   | 773    | 0.05%  | 0.001% |
| 292 | 15.379 | 15.357 | 15.386 | VV | 163   | 1819   | 0.12%  | 0.003% |
| 293 | 15.392 | 15.386 | 15.403 | VV | 124   | 846    | 0.06%  | 0.002% |
| 294 | 15.408 | 15.403 | 15.417 | VV | 71    | 388    | 0.03%  | 0.001% |
| 295 | 15.421 | 15.417 | 15.434 | VV | 93    | 615    | 0.04%  | 0.001% |
| 296 | 15.438 | 15.434 | 15.442 | VV | 89    | 304    | 0.02%  | 0.001% |
| 297 | 15.448 | 15.442 | 15.475 | VV | 121   | 1264   | 0.08%  | 0.002% |
| 298 | 15.479 | 15.475 | 15.490 | VV | 68    | 502    | 0.03%  | 0.001% |
| 299 | 15.492 | 15.490 | 15.497 | VV | 79    | 236    | 0.02%  | 0.000% |

Instrument :

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EX-9-TPH-15

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|     |        |        |        |    |      |       |       |        |
|-----|--------|--------|--------|----|------|-------|-------|--------|
| 300 | 15.502 | 15.497 | 15.508 | VV | 107  | 363   | 0.02% | 0.001% |
| 301 | 15.513 | 15.508 | 15.521 | PV | 63   | 351   |       |        |
| 302 | 15.536 | 15.521 | 15.554 | VV | 143  | 1763  |       |        |
| 303 | 15.562 | 15.554 | 15.586 | VV | 98   | 1348  |       |        |
| 304 | 15.622 | 15.586 | 15.659 | VV | 3617 | 60743 |       |        |
| 305 | 15.664 | 15.659 | 15.734 | VV | 615  | 14677 |       |        |
| 306 | 15.763 | 15.734 | 15.809 | VV | 2587 | 42869 | 2.79% | 0.078% |
| 307 | 15.837 | 15.809 | 15.870 | VV | 775  | 13174 | 0.86% | 0.024% |
| 308 | 15.878 | 15.870 | 15.883 | VV | 104  | 620   | 0.04% | 0.001% |
| 309 | 15.890 | 15.883 | 15.896 | VV | 103  | 606   | 0.04% | 0.001% |
| 310 | 15.904 | 15.896 | 15.922 | VV | 133  | 1196  | 0.08% | 0.002% |
| 311 | 15.930 | 15.922 | 15.951 | VV | 105  | 886   | 0.06% | 0.002% |
| 312 | 15.961 | 15.951 | 15.971 | VV | 92   | 544   | 0.04% | 0.001% |
| 313 | 15.979 | 15.971 | 16.014 | VV | 71   | 1007  | 0.07% | 0.002% |
| 314 | 16.055 | 16.014 | 16.067 | VV | 241  | 3745  | 0.24% | 0.007% |
| 315 | 16.090 | 16.067 | 16.111 | VV | 162  | 3003  | 0.20% | 0.005% |
| 316 | 16.134 | 16.111 | 16.166 | PV | 185  | 3669  | 0.24% | 0.007% |
| 317 | 16.170 | 16.166 | 16.195 | VV | 133  | 1154  | 0.08% | 0.002% |
| 318 | 16.205 | 16.195 | 16.209 | VV | 110  | 531   | 0.03% | 0.001% |
| 319 | 16.218 | 16.209 | 16.235 | VV | 127  | 1563  | 0.10% | 0.003% |
| 320 | 16.265 | 16.235 | 16.308 | VV | 2977 | 40505 | 2.63% | 0.074% |
| 321 | 16.324 | 16.308 | 16.368 | VV | 193  | 3062  | 0.20% | 0.006% |
| 322 | 16.384 | 16.368 | 16.393 | VV | 61   | 562   | 0.04% | 0.001% |
| 323 | 16.413 | 16.393 | 16.450 | VV | 183  | 3437  | 0.22% | 0.006% |
| 324 | 16.453 | 16.450 | 16.466 | VV | 87   | 602   | 0.04% | 0.001% |
| 325 | 16.485 | 16.466 | 16.493 | VV | 118  | 1029  | 0.07% | 0.002% |
| 326 | 16.498 | 16.493 | 16.525 | VV | 89   | 794   | 0.05% | 0.001% |
| 327 | 16.563 | 16.525 | 16.595 | VV | 172  | 3869  | 0.25% | 0.007% |
| 328 | 16.599 | 16.595 | 16.603 | VV | 48   | 162   | 0.01% | 0.000% |
| 329 | 16.635 | 16.603 | 16.691 | PV | 284  | 7048  | 0.46% | 0.013% |
| 330 | 16.715 | 16.691 | 16.722 | VV | 252  | 3326  | 0.22% | 0.006% |
| 331 | 16.748 | 16.722 | 16.786 | VV | 3780 | 52603 | 3.42% | 0.096% |
| 332 | 16.827 | 16.786 | 16.855 | VV | 297  | 7342  | 0.48% | 0.013% |
| 333 | 16.873 | 16.855 | 16.878 | VV | 134  | 1300  | 0.08% | 0.002% |
| 334 | 16.891 | 16.878 | 16.901 | VV | 140  | 1518  | 0.10% | 0.003% |
| 335 | 16.906 | 16.901 | 16.911 | VV | 126  | 596   | 0.04% | 0.001% |
| 336 | 16.917 | 16.911 | 16.936 | VV | 170  | 1562  | 0.10% | 0.003% |
| 337 | 16.943 | 16.936 | 16.950 | VV | 109  | 772   | 0.05% | 0.001% |
| 338 | 16.962 | 16.950 | 16.969 | VV | 124  | 871   | 0.06% | 0.002% |
| 339 | 16.974 | 16.969 | 16.998 | PV | 137  | 1462  | 0.10% | 0.003% |
| 340 | 17.019 | 16.998 | 17.029 | VV | 150  | 1771  | 0.12% | 0.003% |
| 341 | 17.049 | 17.029 | 17.073 | VV | 204  | 3778  | 0.25% | 0.007% |
| 342 | 17.113 | 17.073 | 17.138 | VV | 313  | 6335  | 0.41% | 0.012% |
| 343 | 17.151 | 17.138 | 17.158 | VV | 161  | 1635  | 0.11% | 0.003% |
| 344 | 17.182 | 17.158 | 17.190 | VV | 377  | 5290  | 0.34% | 0.010% |
| 345 | 17.215 | 17.190 | 17.243 | VV | 4983 | 72213 | 4.70% | 0.131% |
| 346 | 17.265 | 17.243 | 17.319 | VV | 631  | 12815 | 0.83% | 0.023% |
| 347 | 17.325 | 17.319 | 17.328 | VV | 107  | 438   | 0.03% | 0.001% |
| 348 | 17.332 | 17.328 | 17.348 | VV | 94   | 691   | 0.04% | 0.001% |

Sum of corrected areas: 55026575

Instrument :

FID\_G

ClientSampleId :

EX-9-TPH-15

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