

Instrument :  
FID\_C  
ClientSampleId :  
PL-01-050820-3

rteres

# Area Percent Report

Manual Integrations  
APPROVED

Sohil  
5/13/2020 3:33:42 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC051220AL\  
Data File : FC047377.D  
Signal(s) : FID1A.CH  
Acq On : 12 May 2020 18:14  
Sample : L2502-05  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 050820.M  
Title : GC Extractables

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         | 3.553       | 3.520        | 3.566      | PV       | 1233           | 13274        | 0.09%          | 0.004%        |
| 2         | 3.575       | 3.566        | 3.592      | VV       | 864            | 8080         | 0.05%          | 0.002%        |
| 3         | 3.602       | 3.592        | 3.634      | VV       | 259            | 3340         | 0.02%          | 0.001%        |
| 4         | 3.684       | 3.662        | 3.698      | VV       | 424            | 4921         | 0.03%          | 0.001%        |
| 5         | 3.708       | 3.698        | 3.722      | VV       | 338            | 2919         | 0.02%          | 0.001%        |
| 6         | 3.751       | 3.722        | 3.784      | VV       | 470            | 6510         | 0.04%          | 0.002%        |
| 7         | 3.799       | 3.784        | 3.809      | PV       | 282            | 2701         | 0.02%          | 0.001%        |
| 8         | 3.826       | 3.809        | 3.855      | VV       | 1230           | 14654        | 0.10%          | 0.004%        |
| 9         | 3.876       | 3.855        | 3.896      | VV       | 478            | 7014         | 0.05%          | 0.002%        |
| 10        | 3.922       | 3.896        | 3.969      | VV       | 1713           | 24619        | 0.16%          | 0.007%        |
| 11        | 3.995       | 3.969        | 4.012      | VV       | 1101           | 15306        | 0.10%          | 0.004%        |
| 12        | 4.021       | 4.012        | 4.035      | VV       | 369            | 3051         | 0.02%          | 0.001%        |
| 13        | 4.055       | 4.035        | 4.084      | VV       | 578            | 7401         | 0.05%          | 0.002%        |
| 14        | 4.100       | 4.084        | 4.114      | VV       | 1150           | 9708         | 0.06%          | 0.003%        |
| 15        | 4.145       | 4.114        | 4.186      | VV       | 1314           | 28562        | 0.19%          | 0.008%        |
| 16        | 4.216       | 4.186        | 4.230      | VV       | 1883           | 22113        | 0.15%          | 0.006%        |
| 17        | 4.245       | 4.230        | 4.265      | VV       | 2169           | 24889        | 0.16%          | 0.007%        |
| 18        | 4.312       | 4.265        | 4.341      | VV       | 2515           | 44242        | 0.29%          | 0.012%        |
| 19        | 4.401       | 4.356        | 4.413      | VV       | 1981           | 27201        | 0.18%          | 0.007%        |
| 20        | 4.427       | 4.413        | 4.453      | VV       | 2184           | 32508        | 0.21%          | 0.009%        |
| 21        | 4.464       | 4.453        | 4.504      | VV       | 983            | 18537        | 0.12%          | 0.005%        |
| 22        | 4.536       | 4.504        | 4.552      | VV       | 1195           | 16739        | 0.11%          | 0.004%        |
| 23        | 4.579       | 4.552        | 4.593      | VV       | 1107           | 16659        | 0.11%          | 0.004%        |
| 24        | 4.615       | 4.593        | 4.657      | VV       | 9588           | 113019       | 0.74%          | 0.030%        |
| 25        | 4.683       | 4.657        | 4.717      | VV       | 1111           | 28069        | 0.18%          | 0.007%        |
| 26        | 4.732       | 4.717        | 4.751      | VV       | 635            | 9054         | 0.06%          | 0.002%        |
| 27        | 4.781       | 4.751        | 4.805      | VV       | 1795           | 37334        | 0.25%          | 0.010%        |
| 28        | 4.819       | 4.805        | 4.847      | VV       | 2202           | 40814        | 0.27%          | 0.011%        |
| 29        | 4.865       | 4.847        | 4.886      | VV       | 7966           | 91342        | 0.60%          | 0.024%        |
| 30        | 4.903       | 4.886        | 4.933      | VV       | 3889           | 76994        | 0.51%          | 0.021%        |
| 31        | 4.947       | 4.933        | 4.970      | VV       | 3359           | 45190        | 0.30%          | 0.012%        |
| 32        | 4.984       | 4.970        | 5.000      | VV       | 2787           | 34705        | 0.23%          | 0.009%        |
| 33        | 5.025       | 5.000        | 5.046      | VV       | 5039           | 71431        | 0.47%          | 0.019%        |
| 34        | 5.097       | 5.046        | 5.114      | VV       | 4890           | 84413        | 0.56%          | 0.023%        |
| 35        | 5.131       | 5.114        | 5.149      | VV       | 2144           | 32333        | 0.21%          | 0.009%        |
| 36        | 5.160       | 5.149        | 5.197      | VV       | 2353           | 38117        | 0.25%          | 0.010%        |

| rteres |       |       |       |    |       |        |       |        |  |
|--------|-------|-------|-------|----|-------|--------|-------|--------|--|
| 37     | 5.218 | 5.197 | 5.231 | PV | 3882  | 40564  | 0.27% | 0.011% |  |
| 38     | 5.248 | 5.231 | 5.269 | VV | 4819  | 64416  | 0.42% | 0.017% |  |
| 39     | 5.286 | 5.269 | 5.322 | VV | 5135  | 81676  | 0.54% | 0.022% |  |
| 40     | 5.349 | 5.322 | 5.404 | VV | 6302  | 115821 | 0.76% | 0.031% |  |
| 41     | 5.419 | 5.404 | 5.429 | VV | 690   | 9043   | 0.06% | 0.002% |  |
| 42     | 5.452 | 5.429 | 5.480 | VV | 3215  | 59923  | 0.39% | 0.016% |  |
| 43     | 5.508 | 5.480 | 5.519 | VV | 2489  | 49725  | 0.33% | 0.013% |  |
| 44     | 5.539 | 5.519 | 5.558 | VV | 3210  | 61758  | 0.41% | 0.016% |  |
| 45     | 5.571 | 5.558 | 5.585 | VV | 2321  | 31093  | 0.20% | 0.008% |  |
| 46     | 5.601 | 5.585 | 5.622 | VV | 2291  | 32421  | 0.21% | 0.009% |  |
| 47     | 5.642 | 5.622 | 5.667 | VV | 22876 | 250137 | 1.65% | 0.067% |  |
| 48     | 5.682 | 5.667 | 5.704 | VV | 8312  | 99822  | 0.66% | 0.027% |  |
| 49     | 5.716 | 5.704 | 5.750 | VV | 2061  | 40381  | 0.27% | 0.011% |  |
| 50     | 5.781 | 5.750 | 5.792 | VV | 1759  | 25717  | 0.17% | 0.007% |  |
| 51     | 5.800 | 5.792 | 5.810 | VV | 1367  | 12692  | 0.08% | 0.003% |  |
| 52     | 5.836 | 5.810 | 5.865 | VV | 7172  | 107063 | 0.71% | 0.029% |  |
| 53     | 5.883 | 5.865 | 5.901 | VV | 2362  | 34328  | 0.23% | 0.009% |  |
| 54     | 5.923 | 5.901 | 5.933 | VV | 6390  | 70440  | 0.46% | 0.019% |  |
| 55     | 5.946 | 5.933 | 5.970 | VV | 8340  | 112157 | 0.74% | 0.030% |  |
| 56     | 5.991 | 5.970 | 6.017 | VV | 5696  | 89567  | 0.59% | 0.024% |  |
| 57     | 6.043 | 6.017 | 6.076 | VV | 4442  | 92871  | 0.61% | 0.025% |  |
| 58     | 6.099 | 6.076 | 6.124 | VV | 3487  | 46541  | 0.31% | 0.012% |  |
| 59     | 6.145 | 6.124 | 6.164 | PV | 4144  | 58743  | 0.39% | 0.016% |  |
| 60     | 6.197 | 6.164 | 6.207 | VV | 5289  | 93805  | 0.62% | 0.025% |  |
| 61     | 6.224 | 6.207 | 6.259 | VV | 15435 | 300568 | 1.98% | 0.080% |  |
| 62     | 6.275 | 6.259 | 6.313 | VV | 8193  | 144180 | 0.95% | 0.038% |  |
| 63     | 6.337 | 6.313 | 6.357 | VV | 7813  | 115848 | 0.76% | 0.031% |  |
| 64     | 6.386 | 6.357 | 6.403 | VV | 3829  | 79046  | 0.52% | 0.021% |  |
| 65     | 6.423 | 6.403 | 6.442 | VV | 4028  | 69544  | 0.46% | 0.019% |  |
| 66     | 6.466 | 6.442 | 6.483 | VV | 5112  | 85480  | 0.56% | 0.023% |  |
| 67     | 6.501 | 6.483 | 6.522 | VV | 4541  | 65415  | 0.43% | 0.017% |  |
| 68     | 6.555 | 6.522 | 6.565 | VV | 3957  | 68586  | 0.45% | 0.018% |  |
| 69     | 6.577 | 6.565 | 6.592 | VV | 4339  | 52015  | 0.34% | 0.014% |  |
| 70     | 6.614 | 6.592 | 6.665 | VV | 28557 | 359470 | 2.37% | 0.096% |  |
| 71     | 6.682 | 6.665 | 6.699 | VV | 2098  | 32615  | 0.21% | 0.009% |  |
| 72     | 6.730 | 6.699 | 6.742 | VV | 2289  | 45409  | 0.30% | 0.012% |  |
| 73     | 6.761 | 6.742 | 6.787 | VV | 16388 | 188788 | 1.24% | 0.050% |  |
| 74     | 6.810 | 6.787 | 6.819 | VV | 4971  | 75655  | 0.50% | 0.020% |  |
| 75     | 6.827 | 6.819 | 6.860 | VV | 5205  | 70266  | 0.46% | 0.019% |  |
| 76     | 6.893 | 6.860 | 6.920 | VV | 5330  | 104205 | 0.69% | 0.028% |  |
| 77     | 6.941 | 6.920 | 6.955 | VV | 6024  | 80198  | 0.53% | 0.021% |  |
| 78     | 6.972 | 6.955 | 6.987 | VV | 4394  | 67174  | 0.44% | 0.018% |  |
| 79     | 7.004 | 6.987 | 7.016 | VV | 3300  | 51102  | 0.34% | 0.014% |  |
| 80     | 7.034 | 7.016 | 7.053 | VV | 8403  | 110502 | 0.73% | 0.029% |  |
| 81     | 7.067 | 7.053 | 7.081 | VV | 3638  | 52341  | 0.34% | 0.014% |  |
| 82     | 7.124 | 7.081 | 7.154 | VV | 7778  | 203515 | 1.34% | 0.054% |  |
| 83     | 7.171 | 7.154 | 7.197 | VV | 7130  | 141306 | 0.93% | 0.038% |  |
| 84     | 7.211 | 7.197 | 7.239 | VV | 8133  | 127980 | 0.84% | 0.034% |  |
| 85     | 7.266 | 7.239 | 7.292 | VV | 38588 | 526990 | 3.47% | 0.141% |  |
| 86     | 7.308 | 7.292 | 7.324 | VV | 16076 | 207993 | 1.37% | 0.056% |  |
| 87     | 7.334 | 7.324 | 7.354 | VV | 7598  | 116775 | 0.77% | 0.031% |  |
| 88     | 7.364 | 7.354 | 7.377 | VV | 5377  | 65963  | 0.43% | 0.018% |  |
| 89     | 7.396 | 7.377 | 7.447 | VV | 43390 | 658389 | 4.34% | 0.176% |  |

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|     |        |        |        |    | rt     | Area    | Area%  | Height |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 90  | 7.459  | 7.447  | 7.480  | VV | 4713   | 79684   | 0.52%  | 0.021% |
| 91  | 7.500  | 7.480  | 7.508  | VV | 4883   | 65700   | 0.43%  | 0.018% |
| 92  | 7.530  | 7.508  | 7.573  | VV | 38988  | 519999  | 3.43%  | 0.139% |
| 93  | 7.589  | 7.573  | 7.603  | VV | 5139   | 76518   | 0.50%  | 0.020% |
| 94  | 7.621  | 7.603  | 7.677  | VV | 4810   | 164892  | 1.09%  | 0.044% |
| 95  | 7.702  | 7.677  | 7.710  | VV | 7064   | 98906   | 0.65%  | 0.026% |
| 96  | 7.718  | 7.710  | 7.733  | VV | 6801   | 77358   | 0.51%  | 0.021% |
| 97  | 7.743  | 7.733  | 7.759  | VV | 4972   | 62753   | 0.41%  | 0.017% |
| 98  | 7.769  | 7.759  | 7.803  | VV | 3750   | 63390   | 0.42%  | 0.017% |
| 99  | 7.980  | 7.957  | 7.992  | VV | 11381  | 186573  | 1.23%  | 0.050% |
| 100 | 8.001  | 7.992  | 8.032  | VV | 10716  | 180219  | 1.19%  | 0.048% |
| 101 | 8.047  | 8.032  | 8.072  | VV | 8983   | 142152  | 0.94%  | 0.038% |
| 102 | 8.091  | 8.072  | 8.119  | VV | 10475  | 175637  | 1.16%  | 0.047% |
| 103 | 8.147  | 8.119  | 8.193  | VV | 20664  | 396948  | 2.61%  | 0.106% |
| 104 | 8.248  | 8.193  | 8.295  | VV | 24825  | 885588  | 5.83%  | 0.236% |
| 105 | 8.311  | 8.295  | 8.327  | VV | 7261   | 118050  | 0.78%  | 0.032% |
| 106 | 8.346  | 8.327  | 8.363  | VV | 72597  | 807114  | 5.32%  | 0.215% |
| 107 | 8.391  | 8.363  | 8.417  | VV | 52270  | 1018500 | 6.71%  | 0.272% |
| 108 | 8.438  | 8.417  | 8.459  | VV | 10467  | 204696  | 1.35%  | 0.055% |
| 109 | 8.477  | 8.459  | 8.485  | VV | 18950  | 193442  | 1.27%  | 0.052% |
| 110 | 8.498  | 8.485  | 8.507  | VV | 26248  | 299613  | 1.97%  | 0.080% |
| 111 | 8.518  | 8.507  | 8.528  | VV | 26977  | 306664  | 2.02%  | 0.082% |
| 112 | 8.537  | 8.528  | 8.557  | VV | 26623  | 334728  | 2.20%  | 0.089% |
| 113 | 8.569  | 8.557  | 8.605  | VV | 14814  | 252537  | 1.66%  | 0.067% |
| 114 | 8.623  | 8.605  | 8.707  | VV | 22717  | 468377  | 3.09%  | 0.125% |
| 115 | 8.826  | 8.805  | 8.853  | VV | 71047  | 940217  | 6.19%  | 0.251% |
| 116 | 8.871  | 8.853  | 8.902  | VV | 14779  | 362391  | 2.39%  | 0.097% |
| 117 | 8.924  | 8.902  | 8.962  | VV | 25142  | 428919  | 2.83%  | 0.114% |
| 118 | 8.976  | 8.962  | 8.992  | VV | 8285   | 115998  | 0.76%  | 0.031% |
| 119 | 9.008  | 8.992  | 9.027  | VV | 8132   | 116206  | 0.77%  | 0.031% |
| 120 | 9.060  | 9.027  | 9.080  | VV | 26455  | 408320  | 2.69%  | 0.109% |
| 121 | 9.104  | 9.080  | 9.154  | VV | 34944  | 753349  | 4.96%  | 0.201% |
| 122 | 9.207  | 9.154  | 9.250  | VV | 40228  | 1018483 | 6.71%  | 0.272% |
| 123 | 9.270  | 9.250  | 9.337  | VV | 35160  | 600668  | 3.96%  | 0.160% |
| 124 | 9.350  | 9.337  | 9.362  | VV | 4099   | 51440   | 0.34%  | 0.014% |
| 125 | 9.382  | 9.362  | 9.403  | VV | 37999  | 439162  | 2.89%  | 0.117% |
| 126 | 9.420  | 9.403  | 9.464  | VV | 20559  | 329856  | 2.17%  | 0.088% |
| 127 | 9.520  | 9.464  | 9.559  | VV | 27858  | 669222  | 4.41%  | 0.179% |
| 128 | 9.606  | 9.559  | 9.652  | VV | 138978 | 2061706 | 13.58% | 0.550% |
| 129 | 9.684  | 9.652  | 9.712  | VV | 26823  | 625440  | 4.12%  | 0.167% |
| 130 | 9.725  | 9.712  | 9.737  | VV | 17168  | 216885  | 1.43%  | 0.058% |
| 131 | 9.756  | 9.737  | 9.795  | VV | 30124  | 650044  | 4.28%  | 0.174% |
| 132 | 9.813  | 9.795  | 9.859  | VV | 20078  | 412164  | 2.72%  | 0.110% |
| 133 | 9.876  | 9.859  | 9.907  | VV | 7851   | 169220  | 1.11%  | 0.045% |
| 134 | 9.928  | 9.907  | 9.957  | VV | 31979  | 512877  | 3.38%  | 0.137% |
| 135 | 9.979  | 9.957  | 10.010 | VV | 39082  | 604842  | 3.98%  | 0.161% |
| 136 | 10.031 | 10.010 | 10.077 | VV | 29666  | 571412  | 3.76%  | 0.153% |
| 137 | 10.093 | 10.077 | 10.146 | VV | 9960   | 258013  | 1.70%  | 0.069% |
| 138 | 10.174 | 10.146 | 10.242 | VV | 8704   | 222930  | 1.47%  | 0.060% |
| 139 | 10.266 | 10.242 | 10.278 | PV | 1490   | 17855   | 0.12%  | 0.005% |
| 140 | 10.305 | 10.278 | 10.317 | VV | 4017   | 64652   | 0.43%  | 0.017% |
| 141 | 10.353 | 10.317 | 10.402 | VV | 23218  | 580207  | 3.82%  | 0.155% |

| rteres |        |        |        |    |         |          |         |        |
|--------|--------|--------|--------|----|---------|----------|---------|--------|
| 142    | 10.444 | 10.402 | 10.458 | VV | 25663   | 360231   | 2.37%   | 0.096% |
| 143    | 10.482 | 10.458 | 10.505 | VV | 48477   | 816069   | 5.38%   | 0.218% |
| 144    | 10.525 | 10.505 | 10.562 | VV | 38588   | 628294   | 4.14%   | 0.168% |
| 145    | 10.598 | 10.562 | 10.642 | VV | 43271   | 847882   | 5.59%   | 0.226% |
| 146    | 10.656 | 10.642 | 10.677 | VV | 14562   | 228690   | 1.51%   | 0.061% |
| 147    | 10.713 | 10.677 | 10.742 | VV | 37885   | 714229   | 4.70%   | 0.191% |
| 148    | 10.766 | 10.742 | 10.782 | VV | 39873   | 589512   | 3.88%   | 0.157% |
| 149    | 10.813 | 10.782 | 10.844 | VV | 46721   | 1017762  | 6.70%   | 0.272% |
| 150    | 10.872 | 10.844 | 10.887 | VV | 8802    | 207587   | 1.37%   | 0.055% |
| 151    | 10.903 | 10.887 | 10.920 | VV | 16119   | 199108   | 1.31%   | 0.053% |
| 152    | 10.936 | 10.920 | 10.959 | VV | 6149    | 117571   | 0.77%   | 0.031% |
| 153    | 11.008 | 10.959 | 11.064 | VV | 850532  | 9746485  | 64.20%  | 2.602% |
| 154    | 11.084 | 11.064 | 11.151 | VV | 216058  | 2807337  | 18.49%  | 0.749% |
| 155    | 11.166 | 11.151 | 11.179 | VV | 8592    | 112005   | 0.74%   | 0.030% |
| 156    | 11.188 | 11.179 | 11.205 | VV | 7017    | 92823    | 0.61%   | 0.025% |
| 157    | 11.214 | 11.205 | 11.250 | VV | 5610    | 73087    | 0.48%   | 0.020% |
| 158    | 11.261 | 11.250 | 11.278 | VV | 1931    | 20739    | 0.14%   | 0.006% |
| 159    | 11.312 | 11.278 | 11.330 | PV | 24558   | 417813   | 2.75%   | 0.112% |
| 160    | 11.344 | 11.330 | 11.377 | VV | 20625   | 445723   | 2.94%   | 0.119% |
| 161    | 11.412 | 11.377 | 11.447 | VV | 32755   | 737772   | 4.86%   | 0.197% |
| 162    | 11.484 | 11.447 | 11.494 | VV | 16617   | 290098   | 1.91%   | 0.077% |
| 163    | 11.527 | 11.494 | 11.571 | VV | 58249   | 989753   | 6.52%   | 0.264% |
| 164    | 11.594 | 11.571 | 11.615 | VV | 23107   | 308392   | 2.03%   | 0.082% |
| 165    | 11.658 | 11.615 | 11.690 | VV | 32163   | 598075   | 3.94%   | 0.160% |
| 166    | 11.748 | 11.690 | 11.777 | VV | 466483  | 5096018  | 33.57%  | 1.360% |
| 167    | 11.803 | 11.777 | 11.819 | VV | 172455  | 1908127  | 12.57%  | 0.509% |
| 168    | 11.836 | 11.819 | 11.878 | VV | 180033  | 2344240  | 15.44%  | 0.626% |
| 169    | 11.919 | 11.878 | 11.937 | VV | 218781  | 3024579  | 19.92%  | 0.807% |
| 170    | 11.952 | 11.937 | 11.966 | VV | 120620  | 1383410  | 9.11%   | 0.369% |
| 171    | 11.983 | 11.966 | 12.028 | VV | 145526  | 2063122  | 13.59%  | 0.551% |
| 172    | 12.077 | 12.028 | 12.107 | VV | 29462   | 488008   | 3.21%   | 0.130% |
| 173    | 12.133 | 12.107 | 12.185 | VV | 246525  | 2915882  | 19.21%  | 0.778% |
| 174    | 12.204 | 12.185 | 12.245 | VV | 38400   | 571930   | 3.77%   | 0.153% |
| 175    | 12.267 | 12.245 | 12.288 | VV | 73422   | 891233   | 5.87%   | 0.238% |
| 176    | 12.297 | 12.288 | 12.314 | VV | 24197   | 283719   | 1.87%   | 0.076% |
| 177    | 12.337 | 12.314 | 12.394 | VV | 82134   | 1229957  | 8.10%   | 0.328% |
| 178    | 12.412 | 12.394 | 12.434 | VV | 15610   | 209664   | 1.38%   | 0.056% |
| 179    | 12.451 | 12.434 | 12.464 | VV | 14673   | 190693   | 1.26%   | 0.051% |
| 180    | 12.480 | 12.464 | 12.505 | VV | 15343   | 312936   | 2.06%   | 0.084% |
| 181    | 12.540 | 12.505 | 12.567 | VV | 26707   | 666474   | 4.39%   | 0.178% |
| 182    | 12.589 | 12.567 | 12.642 | VV | 57489   | 1119237  | 7.37%   | 0.299% |
| 183    | 12.700 | 12.642 | 12.723 | VV | 167730  | 3083136  | 20.31%  | 0.823% |
| 184    | 12.737 | 12.723 | 12.754 | VV | 61694   | 972760   | 6.41%   | 0.260% |
| 185    | 12.767 | 12.754 | 12.797 | VV | 56618   | 975507   | 6.43%   | 0.260% |
| 186    | 12.832 | 12.797 | 12.893 | VV | 1216991 | 15180528 | 100.00% | 4.052% |
| 187    | 12.914 | 12.893 | 12.932 | PV | 26117   | 323062   | 2.13%   | 0.086% |
| 188    | 12.940 | 12.932 | 12.950 | VV | 11685   | 114713   | 0.76%   | 0.031% |
| 189    | 12.969 | 12.950 | 12.990 | VV | 51124   | 624753   | 4.12%   | 0.167% |
| 190    | 13.013 | 12.990 | 13.055 | VV | 67656   | 1335553  | 8.80%   | 0.356% |
| 191    | 13.071 | 13.055 | 13.090 | VV | 30501   | 434375   | 2.86%   | 0.116% |
| 192    | 13.130 | 13.090 | 13.144 | VV | 1063525 | 14080456 | 92.75%  | 3.758% |
| 193    | 13.154 | 13.144 | 13.185 | VV | 585900  | 10492119 | 69.12%  | 2.801% |
| 194    | 13.209 | 13.185 | 13.272 | VV | 1098025 | 14037515 | 92.47%  | 3.747% |

Instrument :  
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ClientSampleId :  
PL-01-050820-3

Manual Integrations  
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Instrument :  
FID\_C  
ClientSampleId :  
PL-01-050820-3

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| rteres |        |        |        |    |        |         |        |
|--------|--------|--------|--------|----|--------|---------|--------|
| 195    | 13.296 | 13.272 | 13.310 | VV | 35461  | 555862  | 0.148% |
| 196    | 13.320 | 13.310 | 13.337 | VV | 27429  | 335379  | 0.090% |
| 197    | 13.381 | 13.337 | 13.425 | VV | 151160 | 3424304 | 0.914% |
| 198    | 13.445 | 13.425 | 13.479 | VV | 42765  | 701647  | 0.187% |
| 199    | 13.529 | 13.479 | 13.551 | VV | 45908  | 1052560 | 0.281% |
| 200    | 13.579 | 13.551 | 13.647 | VV | 90413  | 2012341 | 0.537% |
| 201    | 13.712 | 13.647 | 13.750 | VV | 241624 | 4304038 | 1.149% |
| 202    | 13.768 | 13.750 | 13.789 | VV | 26319  | 371900  | 0.099% |
| 203    | 13.816 | 13.789 | 13.839 | VV | 174680 | 2087473 | 0.557% |
| 204    | 13.860 | 13.839 | 13.920 | VV | 128969 | 2329110 | 0.622% |
| 205    | 13.957 | 13.920 | 13.969 | VV | 45130  | 823480  | 0.220% |
| 206    | 13.985 | 13.969 | 14.008 | VV | 124349 | 1544527 | 0.412% |
| 207    | 14.028 | 14.008 | 14.068 | VV | 102450 | 1414915 | 0.378% |
| 208    | 14.083 | 14.068 | 14.097 | VV | 10353  | 136314  | 0.036% |
| 209    | 14.110 | 14.097 | 14.122 | VV | 8066   | 98761   | 0.026% |
| 210    | 14.140 | 14.122 | 14.160 | VV | 18763  | 295460  | 0.079% |
| 211    | 14.176 | 14.160 | 14.193 | VV | 12295  | 188749  | 0.050% |
| 212    | 14.209 | 14.193 | 14.256 | VV | 8193   | 173873  | 0.046% |
| 213    | 14.295 | 14.256 | 14.324 | VV | 19918  | 428330  | 0.114% |
| 214    | 14.364 | 14.324 | 14.379 | VV | 19194  | 447043  | 0.119% |
| 215    | 14.399 | 14.379 | 14.425 | VV | 48419  | 1032379 | 0.276% |
| 216    | 14.435 | 14.425 | 14.454 | VV | 38661  | 518317  | 0.138% |
| 217    | 14.470 | 14.454 | 14.489 | VV | 40712  | 587685  | 0.157% |
| 218    | 14.519 | 14.489 | 14.527 | VV | 41969  | 724947  | 0.194% |
| 219    | 14.543 | 14.527 | 14.593 | VV | 49900  | 1093486 | 0.292% |
| 220    | 14.626 | 14.593 | 14.654 | VV | 79837  | 1537385 | 0.410% |
| 221    | 14.683 | 14.654 | 14.723 | VV | 99751  | 2493980 | 0.666% |
| 222    | 14.742 | 14.723 | 14.765 | VV | 45032  | 748824  | 0.200% |
| 223    | 14.781 | 14.765 | 14.825 | VV | 34436  | 813069  | 0.217% |
| 224    | 14.844 | 14.825 | 14.855 | VV | 24464  | 346613  | 0.093% |
| 225    | 14.876 | 14.855 | 14.912 | VV | 35625  | 632406  | 0.169% |
| 226    | 14.923 | 14.912 | 14.942 | VV | 3924   | 41525   | 0.011% |
| 227    | 14.998 | 14.942 | 15.019 | PV | 526549 | 6964967 | 1.859% |
| 228    | 15.041 | 15.019 | 15.096 | VV | 471332 | 6195499 | 1.654% |
| 229    | 15.159 | 15.096 | 15.177 | VV | 90626  | 1582161 | 0.422% |
| 230    | 15.196 | 15.177 | 15.233 | VV | 45720  | 955414  | 0.255% |
| 231    | 15.242 | 15.233 | 15.254 | VV | 14969  | 157262  | 0.042% |
| 232    | 15.270 | 15.254 | 15.282 | VV | 16884  | 231613  | 0.062% |
| 233    | 15.316 | 15.282 | 15.328 | VV | 25246  | 595347  | 0.159% |
| 234    | 15.347 | 15.328 | 15.375 | VV | 51658  | 928669  | 0.248% |
| 235    | 15.390 | 15.375 | 15.415 | VV | 27490  | 554281  | 0.148% |
| 236    | 15.450 | 15.415 | 15.499 | VV | 31441  | 1063807 | 0.284% |
| 237    | 15.512 | 15.499 | 15.537 | VV | 17286  | 273078  | 0.073% |
| 238    | 15.577 | 15.537 | 15.597 | VV | 26239  | 585390  | 0.156% |
| 239    | 15.621 | 15.597 | 15.641 | VV | 30612  | 428601  | 0.114% |
| 240    | 15.666 | 15.641 | 15.689 | VV | 153107 | 1955124 | 0.522% |
| 241    | 15.707 | 15.689 | 15.742 | VV | 67903  | 1144278 | 0.305% |
| 242    | 15.764 | 15.742 | 15.790 | VV | 51041  | 859753  | 0.229% |
| 243    | 15.811 | 15.790 | 15.824 | VV | 77390  | 1054997 | 0.282% |
| 244    | 15.837 | 15.824 | 15.872 | VV | 73266  | 1260276 | 0.336% |
| 245    | 15.898 | 15.872 | 15.922 | VV | 37061  | 609433  | 0.163% |
| 246    | 15.950 | 15.922 | 15.968 | VV | 14328  | 288995  | 0.077% |

| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 247    | 15.988 | 15.968 | 16.001 | VV | 17754  | 277685  | 1.83%  | 0.074% |
| 248    | 16.012 | 16.001 | 16.039 | VV | 16788  | 225736  | 1.49%  | 0.060% |
| 249    | 16.059 | 16.039 | 16.074 | VV | 10547  | 136722  | 0.90%  | 0.036% |
| 250    | 16.100 | 16.074 | 16.150 | VV | 17806  | 522487  | 3.44%  | 0.139% |
| 251    | 16.167 | 16.150 | 16.197 | VV | 11475  | 211935  | 1.40%  | 0.057% |
| 252    | 16.262 | 16.197 | 16.287 | VV | 23839  | 646866  | 4.26%  | 0.173% |
| 253    | 16.306 | 16.287 | 16.320 | VV | 18295  | 241380  | 1.59%  | 0.064% |
| 254    | 16.358 | 16.320 | 16.391 | VV | 36731  | 948844  | 6.25%  | 0.253% |
| 255    | 16.413 | 16.391 | 16.420 | VV | 20077  | 278439  | 1.83%  | 0.074% |
| 256    | 16.448 | 16.420 | 16.461 | VV | 30158  | 591476  | 3.90%  | 0.158% |
| 257    | 16.481 | 16.461 | 16.507 | VV | 33142  | 730959  | 4.82%  | 0.195% |
| 258    | 16.562 | 16.507 | 16.580 | VV | 452267 | 6579098 | 43.34% | 1.756% |
| 259    | 16.588 | 16.580 | 16.628 | VV | 178438 | 2378041 | 15.67% | 0.635% |
| 260    | 16.641 | 16.628 | 16.662 | VV | 18596  | 307242  | 2.02%  | 0.082% |
| 261    | 16.694 | 16.662 | 16.755 | VV | 87075  | 1842470 | 12.14% | 0.492% |
| 262    | 16.771 | 16.755 | 16.785 | VV | 12169  | 190520  | 1.26%  | 0.051% |
| 263    | 16.818 | 16.785 | 16.854 | VV | 92314  | 1857019 | 12.23% | 0.496% |
| 264    | 16.883 | 16.854 | 16.917 | VV | 233934 | 3517614 | 23.17% | 0.939% |
| 265    | 16.946 | 16.917 | 17.007 | VV | 367121 | 5655127 | 37.25% | 1.509% |
| 266    | 17.019 | 17.007 | 17.029 | VV | 28441  | 331826  | 2.19%  | 0.089% |
| 267    | 17.047 | 17.029 | 17.100 | VV | 90967  | 1904939 | 12.55% | 0.508% |
| 268    | 17.116 | 17.100 | 17.134 | VV | 27087  | 504458  | 3.32%  | 0.135% |
| 269    | 17.186 | 17.134 | 17.227 | VV | 44091  | 1975748 | 13.02% | 0.527% |
| 270    | 17.255 | 17.227 | 17.272 | VV | 31572  | 770500  | 5.08%  | 0.206% |
| 271    | 17.299 | 17.272 | 17.314 | VV | 63484  | 1257298 | 8.28%  | 0.336% |
| 272    | 17.323 | 17.314 | 17.382 | VV | 61136  | 1574113 | 10.37% | 0.420% |
| 273    | 17.405 | 17.382 | 17.425 | VV | 51783  | 914602  | 6.02%  | 0.244% |
| 274    | 17.442 | 17.425 | 17.455 | VV | 44474  | 658972  | 4.34%  | 0.176% |
| 275    | 17.467 | 17.455 | 17.509 | VV | 41802  | 970183  | 6.39%  | 0.259% |
| 276    | 17.537 | 17.509 | 17.560 | VV | 45009  | 1023955 | 6.75%  | 0.273% |
| 277    | 17.566 | 17.560 | 17.582 | VV | 30091  | 353225  | 2.33%  | 0.094% |
| 278    | 17.606 | 17.582 | 17.684 | VV | 60937  | 2066014 | 13.61% | 0.551% |
| 279    | 17.711 | 17.684 | 17.719 | VV | 28184  | 519704  | 3.42%  | 0.139% |
| 280    | 17.738 | 17.719 | 17.769 | VV | 32926  | 872185  | 5.75%  | 0.233% |
| 281    | 17.798 | 17.769 | 17.815 | VV | 30497  | 773021  | 5.09%  | 0.206% |
| 282    | 17.839 | 17.815 | 17.873 | VV | 43452  | 1185432 | 7.81%  | 0.316% |
| 283    | 17.916 | 17.873 | 17.960 | VV | 42274  | 1789099 | 11.79% | 0.478% |
| 284    | 18.014 | 17.960 | 18.070 | VV | 57896  | 2609666 | 17.19% | 0.697% |
| 285    | 18.086 | 18.070 | 18.102 | VV | 43025  | 694397  | 4.57%  | 0.185% |
| 286    | 18.124 | 18.102 | 18.164 | VV | 44310  | 1398328 | 9.21%  | 0.373% |
| 287    | 18.178 | 18.164 | 18.198 | VV | 36254  | 684487  | 4.51%  | 0.183% |
| 288    | 18.226 | 18.198 | 18.245 | VV | 93156  | 1830617 | 12.06% | 0.489% |
| 289    | 18.258 | 18.245 | 18.282 | VV | 60565  | 1088690 | 7.17%  | 0.291% |
| 290    | 18.325 | 18.282 | 18.352 | VV | 192991 | 3783686 | 24.92% | 1.010% |
| 291    | 18.361 | 18.352 | 18.392 | VV | 78608  | 1621465 | 10.68% | 0.433% |
| 292    | 18.404 | 18.392 | 18.429 | VV | 56371  | 1011741 | 6.66%  | 0.270% |
| 293    | 18.454 | 18.429 | 18.472 | VV | 82942  | 1537916 | 10.13% | 0.411% |
| 294    | 18.483 | 18.472 | 18.510 | VV | 71958  | 1297310 | 8.55%  | 0.346% |
| 295    | 18.536 | 18.510 | 18.559 | VV | 44655  | 1191174 | 7.85%  | 0.318% |
| 296    | 18.579 | 18.559 | 18.623 | VV | 182783 | 3278401 | 21.60% | 0.875% |
| 297    | 18.667 | 18.623 | 18.710 | VV | 58373  | 2662942 | 17.54% | 0.711% |
| 298    | 18.726 | 18.710 | 18.771 | VV | 77503  | 1965697 | 12.95% | 0.525% |
| 299    | 18.798 | 18.771 | 18.822 | VV | 53516  | 1353950 | 8.92%  | 0.361% |

Instrument :  
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ClientSampleId :  
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Manual Integrations  
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|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 18.842 | 18.822 | 18.875 | VV | 53643  | 1450185 | 9.55%  | 0.387% |
| 301 | 18.901 | 18.875 | 18.939 | VV | 50158  | 1733209 | 11.42% | 0.463% |
| 302 | 18.965 | 18.939 | 18.980 | VV | 49438  | 1184017 | 7.80%  | 0.316% |
| 303 | 19.023 | 18.980 | 19.042 | VV | 60537  | 1988475 | 13.10% | 0.531% |
| 304 | 19.065 | 19.042 | 19.085 | VV | 68511  | 1547454 | 10.19% | 0.413% |
| 305 | 19.100 | 19.085 | 19.115 | VV | 62977  | 1039906 | 6.85%  | 0.278% |
| 306 | 19.125 | 19.115 | 19.142 | VV | 56627  | 859903  | 5.66%  | 0.230% |
| 307 | 19.152 | 19.142 | 19.165 | VV | 53562  | 715690  | 4.71%  | 0.191% |
| 308 | 19.190 | 19.165 | 19.230 | VV | 61965  | 2088318 | 13.76% | 0.557% |
| 309 | 19.277 | 19.230 | 19.302 | VV | 61033  | 2311262 | 15.23% | 0.617% |
| 310 | 19.309 | 19.302 | 19.340 | VV | 57086  | 1152740 | 7.59%  | 0.308% |
| 311 | 19.359 | 19.340 | 19.384 | VV | 49294  | 1224428 | 8.07%  | 0.327% |
| 312 | 19.397 | 19.384 | 19.410 | VV | 48777  | 740581  | 4.88%  | 0.198% |
| 313 | 19.450 | 19.410 | 19.484 | VV | 64028  | 2308209 | 15.21% | 0.616% |
| 314 | 19.503 | 19.484 | 19.524 | VV | 59660  | 1300787 | 8.57%  | 0.347% |
| 315 | 19.546 | 19.524 | 19.562 | VV | 60457  | 1236151 | 8.14%  | 0.330% |
| 316 | 19.589 | 19.562 | 19.637 | VV | 66822  | 2634372 | 17.35% | 0.703% |
| 317 | 19.658 | 19.637 | 19.680 | VV | 63911  | 1512054 | 9.96%  | 0.404% |
| 318 | 19.739 | 19.680 | 19.784 | VV | 115844 | 4795182 | 31.59% | 1.280% |
| 319 | 19.815 | 19.784 | 19.854 | VV | 120983 | 4040034 | 26.61% | 1.078% |
| 320 | 19.862 | 19.854 | 19.870 | VV | 77881  | 737703  | 4.86%  | 0.197% |
| 321 | 19.883 | 19.870 | 19.908 | VV | 80141  | 1700179 | 11.20% | 0.454% |
| 322 | 19.927 | 19.908 | 19.972 | VV | 73390  | 2568132 | 16.92% | 0.685% |
| 323 | 20.039 | 19.972 | 20.065 | VV | 89426  | 4150864 | 27.34% | 1.108% |
| 324 | 20.074 | 20.065 | 20.089 | VV | 70387  | 960789  | 6.33%  | 0.256% |
| 325 | 20.132 | 20.089 | 20.164 | VV | 132018 | 4247841 | 27.98% | 1.134% |
| 326 | 20.202 | 20.164 | 20.224 | VV | 96876  | 3003588 | 19.79% | 0.802% |
| 327 | 20.277 | 20.224 | 20.322 | VV | 97609  | 5215916 | 34.36% | 1.392% |
| 328 | 20.338 | 20.322 | 20.345 | VV | 86444  | 1191131 | 7.85%  | 0.318% |
| 329 | 20.353 | 20.345 | 20.375 | VV | 88859  | 1457192 | 9.60%  | 0.389% |
| 330 | 20.390 | 20.375 | 20.401 | VV | 82506  | 1210595 | 7.97%  | 0.323% |
| 331 | 20.415 | 20.401 | 20.435 | VV | 78873  | 1552630 | 10.23% | 0.414% |
| 332 | 20.494 | 20.435 | 20.510 | VV | 78299  | 3241182 | 21.35% | 0.865% |
| 333 | 20.558 | 20.510 | 20.615 | VV | 86329  | 4849398 | 31.94% | 1.294% |
| 334 | 20.626 | 20.615 | 20.665 | VV | 66074  | 1755159 | 11.56% | 0.468% |
| 335 | 20.679 | 20.665 | 20.709 | VV | 57078  | 1378424 | 9.08%  | 0.368% |
| 336 | 20.716 | 20.709 | 20.726 | VV | 53285  | 533005  | 3.51%  | 0.142% |
| 337 | 20.754 | 20.726 | 20.765 | VV | 57922  | 1288344 | 8.49%  | 0.344% |
| 338 | 20.796 | 20.765 | 20.822 | VV | 69124  | 2117350 | 13.95% | 0.565% |
| 339 | 20.836 | 20.822 | 20.847 | VV | 68246  | 966791  | 6.37%  | 0.258% |
| 340 | 20.855 | 20.847 | 20.903 | VV | 64274  | 1981722 | 13.05% | 0.529% |
| 341 | 20.912 | 20.903 | 20.925 | VV | 59287  | 754656  | 4.97%  | 0.201% |
| 342 | 20.935 | 20.925 | 20.987 | VV | 55531  | 1630686 | 10.74% | 0.435% |
| 343 | 20.996 | 20.987 | 21.009 | VV | 38436  | 483405  | 3.18%  | 0.129% |
| 344 | 21.032 | 21.009 | 21.047 | VV | 42078  | 910795  | 6.00%  | 0.243% |
| 345 | 21.082 | 21.047 | 21.107 | VV | 50701  | 1619779 | 10.67% | 0.432% |
| 346 | 21.122 | 21.107 | 21.195 | VV | 56227  | 2567697 | 16.91% | 0.685% |
| 347 | 21.216 | 21.195 | 21.299 | VV | 47641  | 2366852 | 15.59% | 0.632% |
| 348 | 21.330 | 21.299 | 21.359 | VV | 35501  | 1158376 | 7.63%  | 0.309% |
| 349 | 21.408 | 21.359 | 21.462 | VV | 41774  | 2263313 | 14.91% | 0.604% |
| 350 | 21.480 | 21.462 | 21.518 | VV | 41210  | 1228933 | 8.10%  | 0.328% |
| 351 | 21.527 | 21.518 | 21.565 | VV | 34592  | 829574  | 5.46%  | 0.221% |

Instrument :  
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ClientSampleId :  
PL-01-050820-3

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| rterres |        |        |        |    |       |         |       |        |  |
|---------|--------|--------|--------|----|-------|---------|-------|--------|--|
| 352     | 21.579 | 21.565 | 21.612 | VV | 26357 | 605835  | 3.99% | 0.162% |  |
| 353     | 21.644 | 21.612 | 21.657 | VV | 26335 | 545998  | 3.60% | 0.146% |  |
| 354     | 21.689 | 21.657 | 21.729 | VV | 31368 | 1085439 | 7.15% | 0.290% |  |
| 355     | 21.744 | 21.729 | 21.756 | VV | 22506 | 350103  | 2.31% | 0.093% |  |
| 356     | 21.804 | 21.756 | 21.829 | VV | 22926 | 921784  | 6.07% | 0.246% |  |
| 357     | 21.844 | 21.829 | 21.856 | VV | 21057 | 324277  | 2.14% | 0.087% |  |
| 358     | 21.885 | 21.856 | 21.977 | VV | 29411 | 1223252 | 8.06% | 0.327% |  |
| 359     | 21.988 | 21.977 | 22.004 | VV | 5918  | 62266   | 0.41% | 0.017% |  |
| 360     | 22.013 | 22.004 | 22.029 | VV | 4111  | 49253   | 0.32% | 0.013% |  |

Sum of corrected areas: 374643244

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Instrument :  
FID\_C  
ClientSampleId :  
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