

Instrument :  
FID\_C  
ClientSampleId :  
JC-03-030119-B

rteres

# Area Percent Report

Manual Integrations  
APPROVED

Sohil  
3/5/2019 1:39:21 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030419AL\  
Data File : FC039595.D  
Signal(s) : FID1A.CH  
Acq On : 05 Mar 2019 5:11  
Sample : K1688-03  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 022219.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         | 3.027       | 3.002        | 3.101      | PH       | 11256          | 140236       | 0.72%          | 0.061%        |
| 2         | 3.136       | 3.101        | 3.150      | PV       | 2066           | 23957        | 0.12%          | 0.010%        |
| 3         | 3.161       | 3.150        | 3.181      | VV       | 1575           | 14335        | 0.07%          | 0.006%        |
| 4         | 3.196       | 3.181        | 3.207      | VV       | 1069           | 11109        | 0.06%          | 0.005%        |
| 5         | 3.221       | 3.207        | 3.236      | VV       | 1589           | 15341        | 0.08%          | 0.007%        |
| 6         | 3.250       | 3.236        | 3.260      | VV       | 1019           | 8807         | 0.05%          | 0.004%        |
| 7         | 3.277       | 3.260        | 3.312      | VV       | 5916           | 70025        | 0.36%          | 0.031%        |
| 8         | 3.344       | 3.312        | 3.370      | VV       | 2134           | 38367        | 0.20%          | 0.017%        |
| 9         | 3.389       | 3.370        | 3.422      | VV       | 7776           | 96504        | 0.50%          | 0.042%        |
| 10        | 3.457       | 3.422        | 3.483      | VV       | 4314           | 76462        | 0.39%          | 0.033%        |
| 11        | 3.509       | 3.483        | 3.522      | VV       | 3840           | 54823        | 0.28%          | 0.024%        |
| 12        | 3.540       | 3.522        | 3.566      | VV       | 5864           | 66547        | 0.34%          | 0.029%        |
| 13        | 3.592       | 3.566        | 3.639      | VV       | 7993           | 142220       | 0.73%          | 0.062%        |
| 14        | 3.680       | 3.639        | 3.694      | VV       | 10573          | 135249       | 0.70%          | 0.059%        |
| 15        | 3.708       | 3.694        | 3.724      | VV       | 9498           | 102026       | 0.53%          | 0.045%        |
| 16        | 3.737       | 3.724        | 3.752      | VV       | 3805           | 52387        | 0.27%          | 0.023%        |
| 17        | 3.773       | 3.752        | 3.792      | VV       | 9036           | 103722       | 0.53%          | 0.045%        |
| 18        | 3.800       | 3.792        | 3.810      | VV       | 1111           | 8946         | 0.05%          | 0.004%        |
| 19        | 3.840       | 3.810        | 3.863      | VV       | 15984          | 236371       | 1.22%          | 0.103%        |
| 20        | 3.875       | 3.863        | 3.899      | VV       | 7810           | 109034       | 0.56%          | 0.048%        |
| 21        | 3.908       | 3.899        | 3.949      | VV       | 3337           | 51707        | 0.27%          | 0.023%        |
| 22        | 3.979       | 3.949        | 4.004      | PV       | 4160           | 58347        | 0.30%          | 0.026%        |
| 23        | 4.022       | 4.004        | 4.044      | VV       | 4793           | 69745        | 0.36%          | 0.031%        |
| 24        | 4.075       | 4.044        | 4.096      | VV       | 58133          | 572292       | 2.95%          | 0.251%        |
| 25        | 4.110       | 4.096        | 4.126      | VV       | 9197           | 101279       | 0.52%          | 0.044%        |
| 26        | 4.139       | 4.126        | 4.161      | VV       | 4590           | 63936        | 0.33%          | 0.028%        |
| 27        | 4.175       | 4.161        | 4.198      | VV       | 1670           | 29021        | 0.15%          | 0.013%        |
| 28        | 4.229       | 4.198        | 4.243      | VV       | 4330           | 77855        | 0.40%          | 0.034%        |
| 29        | 4.258       | 4.243        | 4.286      | VV       | 5816           | 103935       | 0.53%          | 0.046%        |
| 30        | 4.295       | 4.286        | 4.307      | VV       | 4065           | 39862        | 0.21%          | 0.017%        |
| 31        | 4.325       | 4.307        | 4.359      | VV       | 17856          | 274808       | 1.41%          | 0.120%        |
| 32        | 4.392       | 4.359        | 4.410      | VV       | 7823           | 156718       | 0.81%          | 0.069%        |
| 33        | 4.448       | 4.410        | 4.471      | VV       | 9839           | 219131       | 1.13%          | 0.096%        |
| 34        | 4.484       | 4.471        | 4.504      | VV       | 10061          | 132082       | 0.68%          | 0.058%        |
| 35        | 4.521       | 4.504        | 4.559      | VV       | 19445          | 254516       | 1.31%          | 0.111%        |
| 36        | 4.590       | 4.559        | 4.606      | VV       | 6487           | 96868        | 0.50%          | 0.042%        |

| rteres |       |       |       |    |        |         |       |        |
|--------|-------|-------|-------|----|--------|---------|-------|--------|
| 37     | 4.619 | 4.606 | 4.642 | VV | 5674   | 69997   | 0.36% | 0.031% |
| 38     | 4.677 | 4.642 | 4.690 | VV | 12755  | 142770  | 0.73% | 0.063% |
| 39     | 4.706 | 4.690 | 4.728 | VV | 16924  | 224489  | 1.16% | 0.098% |
| 40     | 4.746 | 4.728 | 4.761 | VV | 19472  | 214310  | 1.10% | 0.094% |
| 41     | 4.779 | 4.761 | 4.792 | VV | 9482   | 151117  | 0.78% | 0.066% |
| 42     | 4.806 | 4.792 | 4.837 | VV | 16028  | 203428  | 1.05% | 0.089% |
| 43     | 4.861 | 4.837 | 4.873 | VV | 2369   | 42649   | 0.22% | 0.019% |
| 44     | 4.894 | 4.873 | 4.906 | VV | 8414   | 97498   | 0.50% | 0.043% |
| 45     | 4.916 | 4.906 | 4.926 | VV | 6236   | 64428   | 0.33% | 0.028% |
| 46     | 4.952 | 4.926 | 4.972 | VV | 8935   | 201132  | 1.04% | 0.088% |
| 47     | 4.983 | 4.972 | 4.997 | VV | 10347  | 121201  | 0.62% | 0.053% |
| 48     | 5.006 | 4.997 | 5.019 | VV | 5788   | 67898   | 0.35% | 0.030% |
| 49     | 5.040 | 5.019 | 5.054 | VV | 6386   | 101242  | 0.52% | 0.044% |
| 50     | 5.064 | 5.054 | 5.077 | VV | 4297   | 40029   | 0.21% | 0.018% |
| 51     | 5.101 | 5.077 | 5.159 | VV | 121588 | 1380488 | 7.11% | 0.604% |
| 52     | 5.169 | 5.159 | 5.192 | VV | 3751   | 62196   | 0.32% | 0.027% |
| 53     | 5.216 | 5.192 | 5.228 | VV | 3947   | 64593   | 0.33% | 0.028% |
| 54     | 5.260 | 5.228 | 5.272 | VV | 16396  | 210281  | 1.08% | 0.092% |
| 55     | 5.286 | 5.272 | 5.323 | VV | 12520  | 249160  | 1.28% | 0.109% |
| 56     | 5.341 | 5.323 | 5.354 | VV | 8493   | 111209  | 0.57% | 0.049% |
| 57     | 5.382 | 5.354 | 5.410 | VV | 25425  | 492559  | 2.54% | 0.216% |
| 58     | 5.422 | 5.410 | 5.442 | VV | 10677  | 177738  | 0.91% | 0.078% |
| 59     | 5.459 | 5.442 | 5.489 | VV | 19908  | 346195  | 1.78% | 0.152% |
| 60     | 5.502 | 5.489 | 5.528 | VV | 8965   | 162135  | 0.83% | 0.071% |
| 61     | 5.545 | 5.528 | 5.571 | VV | 12330  | 189262  | 0.97% | 0.083% |
| 62     | 5.594 | 5.571 | 5.626 | VV | 12585  | 263447  | 1.36% | 0.115% |
| 63     | 5.651 | 5.626 | 5.681 | VV | 17700  | 435466  | 2.24% | 0.191% |
| 64     | 5.692 | 5.681 | 5.709 | VV | 13541  | 169186  | 0.87% | 0.074% |
| 65     | 5.734 | 5.709 | 5.751 | VV | 20997  | 305213  | 1.57% | 0.134% |
| 66     | 5.769 | 5.751 | 5.780 | VV | 13952  | 209718  | 1.08% | 0.092% |
| 67     | 5.797 | 5.780 | 5.829 | VV | 22764  | 378639  | 1.95% | 0.166% |
| 68     | 5.847 | 5.829 | 5.859 | VV | 11993  | 154161  | 0.79% | 0.067% |
| 69     | 5.897 | 5.859 | 5.928 | VV | 12761  | 399555  | 2.06% | 0.175% |
| 70     | 5.948 | 5.928 | 5.970 | VV | 11412  | 232605  | 1.20% | 0.102% |
| 71     | 5.994 | 5.970 | 6.048 | VV | 19203  | 500084  | 2.57% | 0.219% |
| 72     | 6.073 | 6.048 | 6.119 | VV | 118439 | 1373881 | 7.07% | 0.602% |
| 73     | 6.155 | 6.119 | 6.167 | VV | 9190   | 196419  | 1.01% | 0.086% |
| 74     | 6.183 | 6.167 | 6.197 | VV | 12228  | 171042  | 0.88% | 0.075% |
| 75     | 6.220 | 6.197 | 6.247 | VV | 43077  | 600120  | 3.09% | 0.263% |
| 76     | 6.261 | 6.247 | 6.276 | VV | 11308  | 170128  | 0.88% | 0.074% |
| 77     | 6.289 | 6.276 | 6.298 | VV | 10830  | 121102  | 0.62% | 0.053% |
| 78     | 6.310 | 6.298 | 6.324 | VV | 11780  | 145490  | 0.75% | 0.064% |
| 79     | 6.341 | 6.324 | 6.362 | VV | 16295  | 252677  | 1.30% | 0.111% |
| 80     | 6.379 | 6.362 | 6.394 | VV | 18133  | 237067  | 1.22% | 0.104% |
| 81     | 6.406 | 6.394 | 6.431 | VV | 13202  | 237128  | 1.22% | 0.104% |
| 82     | 6.453 | 6.431 | 6.492 | VV | 37982  | 636586  | 3.28% | 0.279% |
| 83     | 6.501 | 6.492 | 6.517 | VV | 9074   | 118467  | 0.61% | 0.052% |
| 84     | 6.534 | 6.517 | 6.551 | VV | 13644  | 206225  | 1.06% | 0.090% |
| 85     | 6.572 | 6.551 | 6.598 | VV | 22199  | 456602  | 2.35% | 0.200% |
| 86     | 6.624 | 6.598 | 6.648 | VV | 22035  | 411966  | 2.12% | 0.180% |
| 87     | 6.674 | 6.648 | 6.709 | VV | 39889  | 728511  | 3.75% | 0.319% |
| 88     | 6.725 | 6.709 | 6.742 | VV | 21909  | 278812  | 1.43% | 0.122% |
| 89     | 6.767 | 6.742 | 6.796 | VV | 39343  | 589994  | 3.04% | 0.258% |

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|     |       |       |       |    | rt     | Area    | Area% | Height |
|-----|-------|-------|-------|----|--------|---------|-------|--------|
| 90  | 6.818 | 6.796 | 6.839 | VV | 20496  | 353303  | 1.82% | 0.155% |
| 91  | 6.859 | 6.839 | 6.875 | VV | 14462  | 226269  | 1.16% | 0.099% |
| 92  | 6.884 | 6.875 | 6.894 | VV | 9384   | 96942   | 0.50% | 0.042% |
| 93  | 6.911 | 6.894 | 6.931 | VV | 10858  | 213238  | 1.10% | 0.093% |
| 94  | 6.953 | 6.931 | 6.967 | VV | 30056  | 412305  | 2.12% | 0.181% |
| 95  | 6.988 | 6.967 | 7.019 | VV | 123399 | 1480280 | 7.62% | 0.648% |
| 96  | 7.031 | 7.019 | 7.096 | VV | 13374  | 494235  | 2.54% | 0.216% |
| 97  | 7.106 | 7.096 | 7.119 | VV | 10658  | 134616  | 0.69% | 0.059% |
| 98  | 7.156 | 7.119 | 7.183 | VV | 26487  | 621193  | 3.20% | 0.272% |
| 99  | 7.199 | 7.183 | 7.225 | VV | 13040  | 230753  | 1.19% | 0.101% |
| 100 | 7.244 | 7.225 | 7.261 | VV | 12195  | 193306  | 0.99% | 0.085% |
| 101 | 7.341 | 7.329 | 7.371 | VV | 19971  | 381797  | 1.97% | 0.167% |
| 102 | 7.401 | 7.371 | 7.420 | VV | 17264  | 400360  | 2.06% | 0.175% |
| 103 | 7.438 | 7.420 | 7.453 | VV | 23267  | 332027  | 1.71% | 0.145% |
| 104 | 7.464 | 7.453 | 7.484 | VV | 16841  | 241472  | 1.24% | 0.106% |
| 105 | 7.503 | 7.484 | 7.524 | VV | 18408  | 322700  | 1.66% | 0.141% |
| 106 | 7.549 | 7.524 | 7.582 | VV | 24950  | 639091  | 3.29% | 0.280% |
| 107 | 7.599 | 7.582 | 7.624 | VV | 22463  | 393611  | 2.03% | 0.172% |
| 108 | 7.671 | 7.624 | 7.694 | VV | 37327  | 699984  | 3.60% | 0.306% |
| 109 | 7.707 | 7.694 | 7.728 | VV | 11569  | 193558  | 1.00% | 0.085% |
| 110 | 7.757 | 7.728 | 7.774 | VV | 21408  | 395164  | 2.03% | 0.173% |
| 111 | 7.791 | 7.774 | 7.801 | VV | 17987  | 256960  | 1.32% | 0.113% |
| 112 | 7.813 | 7.801 | 7.828 | VV | 18514  | 266283  | 1.37% | 0.117% |
| 113 | 7.851 | 7.828 | 7.881 | VV | 107514 | 1383655 | 7.12% | 0.606% |
| 114 | 7.903 | 7.881 | 7.921 | VV | 16206  | 348187  | 1.79% | 0.152% |
| 115 | 7.939 | 7.921 | 7.969 | VV | 16346  | 392634  | 2.02% | 0.172% |
| 116 | 7.993 | 7.969 | 8.007 | VV | 13802  | 289166  | 1.49% | 0.127% |
| 117 | 8.018 | 8.007 | 8.031 | VV | 13005  | 166732  | 0.86% | 0.073% |
| 118 | 8.050 | 8.031 | 8.104 | VV | 18642  | 487210  | 2.51% | 0.213% |
| 119 | 8.193 | 8.180 | 8.207 | VV | 21819  | 322866  | 1.66% | 0.141% |
| 120 | 8.227 | 8.207 | 8.246 | VV | 33635  | 543361  | 2.80% | 0.238% |
| 121 | 8.265 | 8.246 | 8.280 | VV | 22006  | 392511  | 2.02% | 0.172% |
| 122 | 8.294 | 8.280 | 8.320 | VV | 19904  | 374618  | 1.93% | 0.164% |
| 123 | 8.337 | 8.320 | 8.361 | VV | 19520  | 342277  | 1.76% | 0.150% |
| 124 | 8.381 | 8.361 | 8.415 | VV | 43073  | 654969  | 3.37% | 0.287% |
| 125 | 8.433 | 8.415 | 8.457 | VV | 18301  | 314144  | 1.62% | 0.138% |
| 126 | 8.475 | 8.457 | 8.489 | VV | 11427  | 194803  | 1.00% | 0.085% |
| 127 | 8.515 | 8.489 | 8.576 | VV | 14001  | 578055  | 2.98% | 0.253% |
| 128 | 8.597 | 8.576 | 8.620 | VV | 12643  | 270822  | 1.39% | 0.119% |
| 129 | 8.665 | 8.620 | 8.715 | VV | 93636  | 1494559 | 7.69% | 0.654% |
| 130 | 8.744 | 8.715 | 8.764 | VV | 12330  | 272065  | 1.40% | 0.119% |
| 131 | 8.792 | 8.764 | 8.814 | VV | 11240  | 253773  | 1.31% | 0.111% |
| 132 | 8.859 | 8.814 | 8.889 | VV | 9355   | 360668  | 1.86% | 0.158% |
| 133 | 8.901 | 8.889 | 8.910 | VV | 7715   | 90712   | 0.47% | 0.040% |
| 134 | 8.929 | 8.910 | 8.973 | VV | 10580  | 315891  | 1.63% | 0.138% |
| 135 | 9.013 | 8.973 | 9.066 | VV | 25549  | 824529  | 4.24% | 0.361% |
| 136 | 9.084 | 9.066 | 9.101 | VV | 14749  | 250552  | 1.29% | 0.110% |
| 137 | 9.120 | 9.101 | 9.141 | VV | 15188  | 279174  | 1.44% | 0.122% |
| 138 | 9.163 | 9.141 | 9.182 | VV | 17842  | 298009  | 1.53% | 0.130% |
| 139 | 9.217 | 9.182 | 9.264 | VV | 15622  | 448088  | 2.31% | 0.196% |
| 140 | 9.279 | 9.264 | 9.299 | VV | 5926   | 114068  | 0.59% | 0.050% |
| 141 | 9.308 | 9.299 | 9.316 | VV | 5175   | 47545   | 0.24% | 0.021% |

| rteres |        |        |        |    |        |         |        |        |  |
|--------|--------|--------|--------|----|--------|---------|--------|--------|--|
| 142    | 9.338  | 9.316  | 9.366  | VV | 9404   | 228623  | 1.18%  | 0.100% |  |
| 143    | 9.386  | 9.366  | 9.410  | VV | 13685  | 259960  | 1.34%  | 0.114% |  |
| 144    | 9.436  | 9.410  | 9.474  | VV | 84412  | 1099454 | 5.66%  | 0.481% |  |
| 145    | 9.480  | 9.474  | 9.489  | VV | 6666   | 57222   | 0.29%  | 0.025% |  |
| 146    | 9.507  | 9.489  | 9.527  | VV | 9095   | 164724  | 0.85%  | 0.072% |  |
| 147    | 9.538  | 9.527  | 9.570  | VV | 6476   | 126983  | 0.65%  | 0.056% |  |
| 148    | 9.590  | 9.570  | 9.621  | VV | 6474   | 146276  | 0.75%  | 0.064% |  |
| 149    | 9.655  | 9.621  | 9.694  | VV | 4780   | 167618  | 0.86%  | 0.073% |  |
| 150    | 9.713  | 9.694  | 9.737  | VV | 4805   | 103413  | 0.53%  | 0.045% |  |
| 151    | 9.781  | 9.737  | 9.788  | VV | 9555   | 185145  | 0.95%  | 0.081% |  |
| 152    | 9.822  | 9.788  | 9.848  | VV | 25357  | 540359  | 2.78%  | 0.237% |  |
| 153    | 9.871  | 9.848  | 9.897  | VV | 11423  | 268412  | 1.38%  | 0.118% |  |
| 154    | 9.913  | 9.897  | 9.940  | VV | 13717  | 245687  | 1.26%  | 0.108% |  |
| 155    | 9.961  | 9.940  | 9.981  | VV | 11824  | 188878  | 0.97%  | 0.083% |  |
| 156    | 10.000 | 9.981  | 10.032 | VV | 6589   | 155996  | 0.80%  | 0.068% |  |
| 157    | 10.049 | 10.032 | 10.071 | VV | 5980   | 111700  | 0.57%  | 0.049% |  |
| 158    | 10.093 | 10.071 | 10.113 | VV | 6967   | 136234  | 0.70%  | 0.060% |  |
| 159    | 10.169 | 10.113 | 10.194 | VV | 73766  | 1026183 | 5.28%  | 0.449% |  |
| 160    | 10.239 | 10.194 | 10.317 | VV | 28249  | 810252  | 4.17%  | 0.355% |  |
| 161    | 10.340 | 10.317 | 10.349 | VV | 4649   | 67942   | 0.35%  | 0.030% |  |
| 162    | 10.391 | 10.349 | 10.449 | VV | 143851 | 1989047 | 10.24% | 0.871% |  |
| 163    | 10.472 | 10.449 | 10.524 | VV | 44396  | 855881  | 4.41%  | 0.375% |  |
| 164    | 10.545 | 10.524 | 10.569 | VV | 12424  | 252426  | 1.30%  | 0.111% |  |
| 165    | 10.577 | 10.569 | 10.597 | VV | 7420   | 104290  | 0.54%  | 0.046% |  |
| 166    | 10.619 | 10.597 | 10.652 | VV | 9256   | 187036  | 0.96%  | 0.082% |  |
| 167    | 10.671 | 10.652 | 10.689 | VV | 6975   | 102051  | 0.53%  | 0.045% |  |
| 168    | 10.714 | 10.689 | 10.736 | VV | 4489   | 95676   | 0.49%  | 0.042% |  |
| 169    | 10.766 | 10.736 | 10.779 | VV | 4067   | 93628   | 0.48%  | 0.041% |  |
| 170    | 10.799 | 10.779 | 10.837 | VV | 5428   | 139074  | 0.72%  | 0.061% |  |
| 171    | 10.866 | 10.837 | 10.902 | VV | 56759  | 741150  | 3.81%  | 0.324% |  |
| 172    | 10.955 | 10.902 | 10.981 | VV | 19724  | 418647  | 2.15%  | 0.183% |  |
| 173    | 10.997 | 10.981 | 11.032 | VV | 3251   | 81074   | 0.42%  | 0.035% |  |
| 174    | 11.055 | 11.032 | 11.092 | VV | 4051   | 97860   | 0.50%  | 0.043% |  |
| 175    | 11.159 | 11.092 | 11.182 | VV | 356691 | 3972608 | 20.45% | 1.739% |  |
| 176    | 11.193 | 11.182 | 11.208 | VV | 17237  | 206153  | 1.06%  | 0.090% |  |
| 177    | 11.224 | 11.208 | 11.274 | VV | 20714  | 425417  | 2.19%  | 0.186% |  |
| 178    | 11.299 | 11.274 | 11.324 | VV | 34578  | 485551  | 2.50%  | 0.213% |  |
| 179    | 11.341 | 11.324 | 11.356 | VV | 14044  | 206509  | 1.06%  | 0.090% |  |
| 180    | 11.370 | 11.356 | 11.400 | VV | 12332  | 214674  | 1.10%  | 0.094% |  |
| 181    | 11.419 | 11.400 | 11.449 | VV | 12384  | 193038  | 0.99%  | 0.085% |  |
| 182    | 11.466 | 11.449 | 11.474 | VV | 2491   | 31296   | 0.16%  | 0.014% |  |
| 183    | 11.531 | 11.474 | 11.555 | VV | 46245  | 674134  | 3.47%  | 0.295% |  |
| 184    | 11.587 | 11.555 | 11.654 | VV | 438453 | 4932197 | 25.38% | 2.159% |  |
| 185    | 11.669 | 11.654 | 11.706 | VV | 8434   | 150563  | 0.77%  | 0.066% |  |
| 186    | 11.726 | 11.706 | 11.774 | VV | 4334   | 90022   | 0.46%  | 0.039% |  |
| 187    | 11.806 | 11.774 | 11.827 | PV | 5524   | 94520   | 0.49%  | 0.041% |  |
| 188    | 11.839 | 11.827 | 11.851 | VV | 2861   | 36014   | 0.19%  | 0.016% |  |
| 189    | 11.865 | 11.851 | 11.892 | VV | 4673   | 81291   | 0.42%  | 0.036% |  |
| 190    | 11.909 | 11.892 | 11.922 | VV | 6190   | 75978   | 0.39%  | 0.033% |  |
| 191    | 11.939 | 11.922 | 11.961 | VV | 6309   | 94193   | 0.48%  | 0.041% |  |
| 192    | 11.986 | 11.961 | 12.020 | VV | 6710   | 146885  | 0.76%  | 0.064% |  |
| 193    | 12.046 | 12.020 | 12.059 | VV | 7681   | 113865  | 0.59%  | 0.050% |  |
| 194    | 12.085 | 12.059 | 12.105 | VV | 11888  | 211132  | 1.09%  | 0.092% |  |

Instrument :  
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ClientSampleId :  
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Manual Integrations  
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Instrument :  
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ClientSampleId :  
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| rteres |        |        |        |    |         |          |         |        |
|--------|--------|--------|--------|----|---------|----------|---------|--------|
| 195    | 12.122 | 12.105 | 12.134 | VV | 5566    | 81508    | 0.42%   | 0.036% |
| 196    | 12.165 | 12.134 | 12.176 | VV | 40988   | 501062   | 2.58%   | 0.219% |
| 197    | 12.193 | 12.176 | 12.271 | VV | 213240  | 2684825  | 13.82%  | 1.175% |
| 198    | 12.297 | 12.271 | 12.348 | VV | 2934    | 81598    | 0.42%   | 0.036% |
| 199    | 12.385 | 12.348 | 12.406 | PV | 6199    | 110481   | 0.57%   | 0.048% |
| 200    | 12.422 | 12.406 | 12.444 | VV | 5015    | 89496    | 0.46%   | 0.039% |
| 201    | 12.484 | 12.444 | 12.530 | VV | 158029  | 2106392  | 10.84%  | 0.922% |
| 202    | 12.548 | 12.530 | 12.562 | VV | 19065   | 256688   | 1.32%   | 0.112% |
| 203    | 12.602 | 12.562 | 12.632 | VV | 1216712 | 19429626 | 100.00% | 8.507% |
| 204    | 12.661 | 12.632 | 12.749 | VV | 1257634 | 17844990 | 91.84%  | 7.813% |
| 205    | 12.775 | 12.749 | 12.803 | VV | 40312   | 573822   | 2.95%   | 0.251% |
| 206    | 12.829 | 12.803 | 12.857 | VV | 178649  | 2128150  | 10.95%  | 0.932% |
| 207    | 12.890 | 12.857 | 12.906 | VV | 13307   | 318910   | 1.64%   | 0.140% |
| 208    | 12.916 | 12.906 | 12.937 | VV | 10425   | 138364   | 0.71%   | 0.061% |
| 209    | 12.956 | 12.937 | 12.976 | VV | 9389    | 144138   | 0.74%   | 0.063% |
| 210    | 12.987 | 12.976 | 13.016 | VV | 4320    | 87947    | 0.45%   | 0.039% |
| 211    | 13.026 | 13.016 | 13.039 | VV | 3340    | 42289    | 0.22%   | 0.019% |
| 212    | 13.092 | 13.039 | 13.104 | VV | 28245   | 446668   | 2.30%   | 0.196% |
| 213    | 13.120 | 13.104 | 13.144 | VV | 50921   | 698604   | 3.60%   | 0.306% |
| 214    | 13.153 | 13.144 | 13.172 | VV | 8011    | 105452   | 0.54%   | 0.046% |
| 215    | 13.194 | 13.172 | 13.213 | VV | 23380   | 294003   | 1.51%   | 0.129% |
| 216    | 13.230 | 13.213 | 13.247 | VV | 14858   | 214635   | 1.10%   | 0.094% |
| 217    | 13.258 | 13.247 | 13.289 | VV | 9152    | 141638   | 0.73%   | 0.062% |
| 218    | 13.312 | 13.289 | 13.329 | VV | 8925    | 120023   | 0.62%   | 0.053% |
| 219    | 13.356 | 13.329 | 13.379 | VV | 36736   | 519499   | 2.67%   | 0.227% |
| 220    | 13.399 | 13.379 | 13.429 | VV | 19116   | 318451   | 1.64%   | 0.139% |
| 221    | 13.463 | 13.429 | 13.507 | VV | 12894   | 299761   | 1.54%   | 0.131% |
| 222    | 13.608 | 13.507 | 13.624 | PV | 31352   | 480660   | 2.47%   | 0.210% |
| 223    | 13.655 | 13.624 | 13.680 | VV | 24941   | 580951   | 2.99%   | 0.254% |
| 224    | 13.693 | 13.680 | 13.712 | VV | 7024    | 119196   | 0.61%   | 0.052% |
| 225    | 13.719 | 13.712 | 13.734 | VV | 6525    | 69559    | 0.36%   | 0.030% |
| 226    | 13.758 | 13.734 | 13.774 | VV | 11190   | 197922   | 1.02%   | 0.087% |
| 227    | 13.805 | 13.774 | 13.866 | VV | 32121   | 934601   | 4.81%   | 0.409% |
| 228    | 13.913 | 13.866 | 13.949 | VV | 36582   | 742034   | 3.82%   | 0.325% |
| 229    | 13.973 | 13.949 | 14.011 | VV | 34270   | 608188   | 3.13%   | 0.266% |
| 230    | 14.048 | 14.011 | 14.070 | VV | 20245   | 496710   | 2.56%   | 0.217% |
| 231    | 14.084 | 14.070 | 14.100 | VV | 12052   | 158231   | 0.81%   | 0.069% |
| 232    | 14.128 | 14.100 | 14.150 | VV | 8713    | 203273   | 1.05%   | 0.089% |
| 233    | 14.171 | 14.150 | 14.222 | VV | 5734    | 134666   | 0.69%   | 0.059% |
| 234    | 14.247 | 14.222 | 14.284 | VV | 3666    | 78937    | 0.41%   | 0.035% |
| 235    | 14.360 | 14.284 | 14.380 | PV | 76568   | 1011820  | 5.21%   | 0.443% |
| 236    | 14.400 | 14.380 | 14.429 | VV | 61165   | 1014949  | 5.22%   | 0.444% |
| 237    | 14.450 | 14.429 | 14.477 | VV | 33690   | 530970   | 2.73%   | 0.232% |
| 238    | 14.516 | 14.477 | 14.547 | VV | 21033   | 363486   | 1.87%   | 0.159% |
| 239    | 14.569 | 14.547 | 14.623 | VV | 5969    | 186363   | 0.96%   | 0.082% |
| 240    | 14.666 | 14.623 | 14.686 | VV | 4704    | 122733   | 0.63%   | 0.054% |
| 241    | 14.707 | 14.686 | 14.741 | VV | 6370    | 156119   | 0.80%   | 0.068% |
| 242    | 14.750 | 14.741 | 14.771 | VV | 3511    | 40663    | 0.21%   | 0.018% |
| 243    | 14.794 | 14.771 | 14.812 | PV | 4690    | 82520    | 0.42%   | 0.036% |
| 244    | 14.828 | 14.812 | 14.851 | VV | 7878    | 118195   | 0.61%   | 0.052% |
| 245    | 14.869 | 14.851 | 14.901 | VV | 5371    | 71359    | 0.37%   | 0.031% |
| 246    | 14.969 | 14.901 | 15.007 | PV | 21866   | 354034   | 1.82%   | 0.155% |

Instrument :  
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|     |        |        |        |    | rteres |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
| 247 | 15.032 | 15.007 | 15.061 | VV | 29039  | 468704  | 2.41% | 0.205% |
| 248 | 15.073 | 15.061 | 15.097 | VV | 7442   | 102440  | 0.53% | 0.045% |
| 249 | 15.143 | 15.097 | 15.157 | VV | 5036   | 110662  | 0.57% | 0.048% |
| 250 | 15.193 | 15.157 | 15.241 | VV | 10919  | 298070  | 1.53% | 0.130% |
| 251 | 15.257 | 15.241 | 15.274 | VV | 3959   | 61987   | 0.32% | 0.027% |
| 252 | 15.287 | 15.274 | 15.305 | VV | 4320   | 57961   | 0.30% | 0.025% |
| 253 | 15.361 | 15.305 | 15.397 | VV | 4452   | 147701  | 0.76% | 0.065% |
| 254 | 15.467 | 15.397 | 15.515 | PV | 27739  | 536892  | 2.76% | 0.235% |
| 255 | 15.534 | 15.515 | 15.586 | VV | 4165   | 71222   | 0.37% | 0.031% |
| 256 | 15.632 | 15.586 | 15.653 | PV | 12236  | 239327  | 1.23% | 0.105% |
| 257 | 15.672 | 15.653 | 15.692 | VV | 10155  | 196560  | 1.01% | 0.086% |
| 258 | 15.715 | 15.692 | 15.766 | VV | 10039  | 296038  | 1.52% | 0.130% |
| 259 | 15.793 | 15.766 | 15.803 | VV | 6363   | 121194  | 0.62% | 0.053% |
| 260 | 15.825 | 15.803 | 15.861 | VV | 8448   | 198869  | 1.02% | 0.087% |
| 261 | 15.913 | 15.861 | 15.931 | VV | 75399  | 1049421 | 5.40% | 0.459% |
| 262 | 15.946 | 15.931 | 15.981 | VV | 48522  | 798603  | 4.11% | 0.350% |
| 263 | 16.009 | 15.981 | 16.029 | VV | 14131  | 261902  | 1.35% | 0.115% |
| 264 | 16.048 | 16.029 | 16.084 | VV | 20432  | 388187  | 2.00% | 0.170% |
| 265 | 16.123 | 16.084 | 16.156 | VV | 9030   | 313622  | 1.61% | 0.137% |
| 266 | 16.178 | 16.156 | 16.202 | VV | 10428  | 224651  | 1.16% | 0.098% |
| 267 | 16.232 | 16.202 | 16.269 | VV | 46401  | 1023448 | 5.27% | 0.448% |
| 268 | 16.291 | 16.269 | 16.342 | VV | 78852  | 1428630 | 7.35% | 0.625% |
| 269 | 16.355 | 16.342 | 16.376 | VV | 11538  | 190838  | 0.98% | 0.084% |
| 270 | 16.408 | 16.376 | 16.462 | VV | 39665  | 1112176 | 5.72% | 0.487% |
| 271 | 16.485 | 16.462 | 16.507 | VV | 13043  | 262676  | 1.35% | 0.115% |
| 272 | 16.569 | 16.507 | 16.585 | VV | 16962  | 568270  | 2.92% | 0.249% |
| 273 | 16.600 | 16.585 | 16.622 | VV | 19429  | 308861  | 1.59% | 0.135% |
| 274 | 16.642 | 16.622 | 16.654 | VV | 15839  | 254450  | 1.31% | 0.111% |
| 275 | 16.686 | 16.654 | 16.722 | VV | 22669  | 708385  | 3.65% | 0.310% |
| 276 | 16.766 | 16.722 | 16.786 | VV | 24018  | 606743  | 3.12% | 0.266% |
| 277 | 16.796 | 16.786 | 16.817 | VV | 15227  | 243409  | 1.25% | 0.107% |
| 278 | 16.861 | 16.817 | 16.906 | VV | 38727  | 1067319 | 5.49% | 0.467% |
| 279 | 16.917 | 16.906 | 16.937 | VV | 17904  | 287579  | 1.48% | 0.126% |
| 280 | 16.953 | 16.937 | 16.977 | VV | 15531  | 336854  | 1.73% | 0.147% |
| 281 | 17.000 | 16.977 | 17.049 | VV | 22590  | 654991  | 3.37% | 0.287% |
| 282 | 17.094 | 17.049 | 17.119 | VV | 15531  | 552875  | 2.85% | 0.242% |
| 283 | 17.136 | 17.119 | 17.152 | VV | 17272  | 287997  | 1.48% | 0.126% |
| 284 | 17.179 | 17.152 | 17.211 | VV | 20327  | 568898  | 2.93% | 0.249% |
| 285 | 17.259 | 17.211 | 17.274 | VV | 25430  | 765977  | 3.94% | 0.335% |
| 286 | 17.296 | 17.274 | 17.325 | VV | 46072  | 857245  | 4.41% | 0.375% |
| 287 | 17.384 | 17.325 | 17.402 | VV | 48606  | 1148207 | 5.91% | 0.503% |
| 288 | 17.419 | 17.402 | 17.441 | VV | 27217  | 572902  | 2.95% | 0.251% |
| 289 | 17.452 | 17.441 | 17.479 | VV | 23964  | 429023  | 2.21% | 0.188% |
| 290 | 17.495 | 17.479 | 17.536 | VV | 20132  | 550804  | 2.83% | 0.241% |
| 291 | 17.578 | 17.536 | 17.594 | VV | 30889  | 791114  | 4.07% | 0.346% |
| 292 | 17.607 | 17.594 | 17.635 | VV | 24062  | 510758  | 2.63% | 0.224% |
| 293 | 17.672 | 17.635 | 17.696 | VV | 42452  | 1019212 | 5.25% | 0.446% |
| 294 | 17.720 | 17.696 | 17.736 | VV | 58635  | 1010017 | 5.20% | 0.442% |
| 295 | 17.752 | 17.736 | 17.779 | VV | 51485  | 918764  | 4.73% | 0.402% |
| 296 | 17.813 | 17.779 | 17.824 | VV | 26876  | 636099  | 3.27% | 0.278% |
| 297 | 17.843 | 17.824 | 17.891 | VV | 28821  | 959556  | 4.94% | 0.420% |
| 298 | 17.920 | 17.891 | 17.966 | VV | 46279  | 1218337 | 6.27% | 0.533% |
| 299 | 18.000 | 17.966 | 18.018 | VV | 25041  | 706753  | 3.64% | 0.309% |

|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
|     |        |        |        |    | rteres |         |        |        |
| 300 | 18.069 | 18.018 | 18.083 | VV | 29687  | 926544  | 4.77%  | 0.406% |
| 301 | 18.127 | 18.083 | 18.150 | VV | 50679  | 1276650 | 6.57%  | 0.559% |
| 302 | 18.173 | 18.150 | 18.194 | VV | 42429  | 808508  | 4.16%  | 0.354% |
| 303 | 18.220 | 18.194 | 18.234 | VV | 36846  | 724566  | 3.73%  | 0.317% |
| 304 | 18.245 | 18.234 | 18.285 | VV | 31957  | 830020  | 4.27%  | 0.363% |
| 305 | 18.321 | 18.285 | 18.336 | VV | 24418  | 730923  | 3.76%  | 0.320% |
| 306 | 18.366 | 18.336 | 18.404 | VV | 28489  | 1058777 | 5.45%  | 0.464% |
| 307 | 18.422 | 18.404 | 18.439 | VV | 29128  | 546160  | 2.81%  | 0.239% |
| 308 | 18.446 | 18.439 | 18.467 | VV | 27386  | 431377  | 2.22%  | 0.189% |
| 309 | 18.521 | 18.467 | 18.548 | VV | 61073  | 1821819 | 9.38%  | 0.798% |
| 310 | 18.577 | 18.548 | 18.592 | VV | 36921  | 814493  | 4.19%  | 0.357% |
| 311 | 18.600 | 18.592 | 18.632 | VV | 29811  | 637307  | 3.28%  | 0.279% |
| 312 | 18.651 | 18.632 | 18.659 | VV | 31410  | 461770  | 2.38%  | 0.202% |
| 313 | 18.722 | 18.659 | 18.746 | VV | 29567  | 1453185 | 7.48%  | 0.636% |
| 314 | 18.767 | 18.746 | 18.800 | VV | 31755  | 889243  | 4.58%  | 0.389% |
| 315 | 18.830 | 18.800 | 18.852 | VV | 32246  | 876302  | 4.51%  | 0.384% |
| 316 | 18.905 | 18.852 | 18.929 | VV | 55885  | 1849729 | 9.52%  | 0.810% |
| 317 | 18.937 | 18.929 | 18.953 | VV | 36625  | 502606  | 2.59%  | 0.220% |
| 318 | 18.977 | 18.953 | 18.997 | VV | 36504  | 880186  | 4.53%  | 0.385% |
| 319 | 19.016 | 18.997 | 19.039 | VV | 38407  | 818157  | 4.21%  | 0.358% |
| 320 | 19.056 | 19.039 | 19.077 | VV | 38311  | 776277  | 4.00%  | 0.340% |
| 321 | 19.096 | 19.077 | 19.145 | VV | 42928  | 1556252 | 8.01%  | 0.681% |
| 322 | 19.164 | 19.145 | 19.174 | VV | 41613  | 660004  | 3.40%  | 0.289% |
| 323 | 19.199 | 19.174 | 19.219 | VV | 44448  | 1122905 | 5.78%  | 0.492% |
| 324 | 19.234 | 19.219 | 19.245 | VV | 39126  | 594493  | 3.06%  | 0.260% |
| 325 | 19.280 | 19.245 | 19.317 | VV | 66368  | 2052546 | 10.56% | 0.899% |
| 326 | 19.329 | 19.317 | 19.359 | VV | 41741  | 929942  | 4.79%  | 0.407% |
| 327 | 19.392 | 19.359 | 19.427 | VV | 49559  | 1721952 | 8.86%  | 0.754% |
| 328 | 19.442 | 19.427 | 19.456 | VV | 42945  | 720895  | 3.71%  | 0.316% |
| 329 | 19.493 | 19.456 | 19.524 | VV | 58746  | 1957859 | 10.08% | 0.857% |
| 330 | 19.543 | 19.524 | 19.572 | VV | 49570  | 1292402 | 6.65%  | 0.566% |
| 331 | 19.585 | 19.572 | 19.612 | VV | 45104  | 1025976 | 5.28%  | 0.449% |
| 332 | 19.647 | 19.612 | 19.714 | VV | 66678  | 3201590 | 16.48% | 1.402% |
| 333 | 19.731 | 19.714 | 19.753 | VV | 59960  | 1237488 | 6.37%  | 0.542% |
| 334 | 19.763 | 19.753 | 19.782 | VV | 56090  | 904504  | 4.66%  | 0.396% |
| 335 | 19.801 | 19.782 | 19.842 | VV | 60922  | 1958451 | 10.08% | 0.857% |
| 336 | 19.858 | 19.842 | 19.877 | VV | 54915  | 1053565 | 5.42%  | 0.461% |
| 337 | 19.893 | 19.877 | 19.906 | VV | 51277  | 852938  | 4.39%  | 0.373% |
| 338 | 19.928 | 19.906 | 19.957 | VV | 53567  | 1536902 | 7.91%  | 0.673% |
| 339 | 19.998 | 19.957 | 20.026 | VV | 82665  | 2497590 | 12.85% | 1.093% |
| 340 | 20.091 | 20.026 | 20.119 | VV | 65129  | 3251349 | 16.73% | 1.423% |
| 341 | 20.131 | 20.119 | 20.156 | VV | 58667  | 1226463 | 6.31%  | 0.537% |
| 342 | 20.189 | 20.156 | 20.197 | VV | 58885  | 1418005 | 7.30%  | 0.621% |
| 343 | 20.208 | 20.197 | 20.237 | VV | 63334  | 1427783 | 7.35%  | 0.625% |
| 344 | 20.256 | 20.237 | 20.277 | VV | 61655  | 1407194 | 7.24%  | 0.616% |
| 345 | 20.298 | 20.277 | 20.312 | VV | 67141  | 1317474 | 6.78%  | 0.577% |
| 346 | 20.346 | 20.312 | 20.367 | VV | 77247  | 2283119 | 11.75% | 1.000% |
| 347 | 20.377 | 20.367 | 20.399 | VV | 65007  | 1183810 | 6.09%  | 0.518% |
| 348 | 20.416 | 20.399 | 20.432 | VV | 60060  | 1147243 | 5.90%  | 0.502% |
| 349 | 20.449 | 20.432 | 20.465 | VV | 63218  | 1100828 | 5.67%  | 0.482% |
| 350 | 20.486 | 20.465 | 20.507 | VV | 61036  | 1377167 | 7.09%  | 0.603% |
| 351 | 20.522 | 20.507 | 20.531 | VV | 54135  | 739347  | 3.81%  | 0.324% |

Instrument :  
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ClientSampleId :  
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| rteres                  |        |        |        |    |           |         |        |        |  |
|-------------------------|--------|--------|--------|----|-----------|---------|--------|--------|--|
| 352                     | 20.547 | 20.531 | 20.581 | VV | 54380     | 1438098 | 7.40%  | 0.630% |  |
| 353                     | 20.600 | 20.581 | 20.661 | VV | 51161     | 2109370 | 10.86% | 0.924% |  |
| 354                     | 20.708 | 20.661 | 20.741 | VV | 51476     | 1998317 | 10.28% | 0.875% |  |
| 355                     | 20.748 | 20.741 | 20.757 | VV | 37321     | 358810  | 1.85%  | 0.157% |  |
| 356                     | 20.760 | 20.757 | 20.770 | VV | 37398     | 268498  | 1.38%  | 0.118% |  |
| 357                     | 20.798 | 20.770 | 20.817 | VV | 41266     | 1036044 | 5.33%  | 0.454% |  |
| 358                     | 20.829 | 20.817 | 20.875 | VV | 39220     | 1208478 | 6.22%  | 0.529% |  |
| 359                     | 20.894 | 20.875 | 20.949 | VV | 36593     | 1335575 | 6.87%  | 0.585% |  |
| 360                     | 20.960 | 20.949 | 20.986 | VV | 28658     | 560464  | 2.88%  | 0.245% |  |
| 361                     | 20.994 | 20.986 | 21.024 | VV | 24915     | 479403  | 2.47%  | 0.210% |  |
| 362                     | 21.046 | 21.024 | 21.061 | VV | 22939     | 446967  | 2.30%  | 0.196% |  |
| 363                     | 21.068 | 21.061 | 21.079 | VV | 24688     | 228374  | 1.18%  | 0.100% |  |
| 364                     | 21.106 | 21.079 | 21.170 | VV | 26876     | 1029062 | 5.30%  | 0.451% |  |
| 365                     | 21.194 | 21.170 | 21.214 | VV | 19850     | 392837  | 2.02%  | 0.172% |  |
| 366                     | 21.232 | 21.214 | 21.267 | VV | 18399     | 396098  | 2.04%  | 0.173% |  |
| 367                     | 21.300 | 21.267 | 21.317 | VV | 12206     | 269529  | 1.39%  | 0.118% |  |
| 368                     | 21.325 | 21.317 | 21.342 | VV | 8424      | 62809   | 0.32%  | 0.027% |  |
| 369                     | 21.350 | 21.342 | 21.361 | VV | 4373      | 29108   | 0.15%  | 0.013% |  |
| Sum of corrected areas: |        |        |        |    | 228407720 |         |        |        |  |

Instrument :  
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ClientSampleId :  
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