

Instrument :  
FID\_C  
ClientSampleId :

rteres.txt

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC010919AL\  
Data File : FC038522.D  
Signal(s) : FID1A.CH  
Acq On : 09 Jan 2019 20:00  
Sample : K1006-11  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Manual Integrations  
APPROVED

Sohil  
1/10/2019 10:42:18 AM

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 010919.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         | 3.422       | 3.402        | 3.460      | BV       | 179            | 2755         | 0.01%          | 0.001%        |
| 2         | 3.477       | 3.460        | 3.507      | PV       | 355            | 6108         | 0.02%          | 0.003%        |
| 3         | 3.538       | 3.507        | 3.574      | VV       | 314            | 7897         | 0.03%          | 0.004%        |
| 4         | 3.590       | 3.574        | 3.602      | VV       | 271            | 4063         | 0.01%          | 0.002%        |
| 5         | 3.626       | 3.602        | 3.654      | VV       | 297            | 5971         | 0.02%          | 0.003%        |
| 6         | 3.675       | 3.654        | 3.724      | PV       | 422            | 8075         | 0.03%          | 0.004%        |
| 7         | 3.765       | 3.724        | 3.778      | VV       | 449            | 6930         | 0.02%          | 0.004%        |
| 8         | 3.807       | 3.778        | 3.845      | VV       | 1285           | 37825        | 0.13%          | 0.020%        |
| 9         | 3.855       | 3.845        | 3.905      | VV       | 928            | 21735        | 0.07%          | 0.011%        |
| 10        | 3.938       | 3.905        | 3.955      | VV       | 1063           | 19249        | 0.06%          | 0.010%        |
| 11        | 3.970       | 3.955        | 4.042      | VV       | 758            | 23676        | 0.08%          | 0.012%        |
| 12        | 4.068       | 4.042        | 4.092      | VV       | 318            | 7574         | 0.03%          | 0.004%        |
| 13        | 4.109       | 4.092        | 4.137      | VV       | 390            | 6117         | 0.02%          | 0.003%        |
| 14        | 4.161       | 4.137        | 4.184      | VV       | 1972           | 21725        | 0.07%          | 0.011%        |
| 15        | 4.198       | 4.184        | 4.214      | VV       | 758            | 7677         | 0.03%          | 0.004%        |
| 16        | 4.228       | 4.214        | 4.247      | VV       | 459            | 5488         | 0.02%          | 0.003%        |
| 17        | 4.265       | 4.247        | 4.286      | VV       | 350            | 5391         | 0.02%          | 0.003%        |
| 18        | 4.318       | 4.286        | 4.339      | VV       | 636            | 10914        | 0.04%          | 0.006%        |
| 19        | 4.348       | 4.339        | 4.395      | VV       | 465            | 10455        | 0.03%          | 0.006%        |
| 20        | 4.411       | 4.395        | 4.423      | VV       | 897            | 8145         | 0.03%          | 0.004%        |
| 21        | 4.433       | 4.423        | 4.449      | VV       | 534            | 5788         | 0.02%          | 0.003%        |
| 22        | 4.463       | 4.449        | 4.473      | VV       | 513            | 5504         | 0.02%          | 0.003%        |
| 23        | 4.483       | 4.473        | 4.500      | VV       | 538            | 4915         | 0.02%          | 0.003%        |
| 24        | 4.534       | 4.500        | 4.559      | PV       | 762            | 17207        | 0.06%          | 0.009%        |
| 25        | 4.573       | 4.559        | 4.590      | VV       | 866            | 11128        | 0.04%          | 0.006%        |
| 26        | 4.612       | 4.590        | 4.654      | VV       | 2370           | 35250        | 0.12%          | 0.019%        |
| 27        | 4.679       | 4.654        | 4.695      | VV       | 822            | 10427        | 0.03%          | 0.006%        |
| 28        | 4.709       | 4.695        | 4.732      | VV       | 481            | 4696         | 0.02%          | 0.002%        |
| 29        | 4.764       | 4.732        | 4.777      | VV       | 1166           | 14905        | 0.05%          | 0.008%        |
| 30        | 4.793       | 4.777        | 4.819      | VV       | 1777           | 24359        | 0.08%          | 0.013%        |
| 31        | 4.835       | 4.819        | 4.852      | VV       | 1768           | 21348        | 0.07%          | 0.011%        |
| 32        | 4.866       | 4.852        | 4.881      | VV       | 1238           | 16617        | 0.06%          | 0.009%        |
| 33        | 4.895       | 4.881        | 4.931      | VV       | 1731           | 32569        | 0.11%          | 0.017%        |
| 34        | 4.943       | 4.931        | 4.963      | VV       | 688            | 10518        | 0.04%          | 0.006%        |
| 35        | 4.983       | 4.963        | 4.996      | VV       | 1112           | 14188        | 0.05%          | 0.007%        |
| 36        | 5.017       | 4.996        | 5.064      | VV       | 2899           | 71651        | 0.24%          | 0.038%        |

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|------------|-------|-------|-------|----|-------|--------|-------|--------|
| 37         | 5.074 | 5.064 | 5.109 | VV | 2024  | 28982  | 0.10% | 0.015% |
| 38         | 5.132 | 5.109 | 5.147 | VV | 996   | 15527  | 0.05% | 0.008% |
| 39         | 5.157 | 5.147 | 5.170 | VV | 586   | 4702   | 0.02% | 0.002% |
| 40         | 5.191 | 5.170 | 5.243 | PV | 11783 | 166072 | 0.56% | 0.088% |
| 41         | 5.267 | 5.243 | 5.292 | VV | 1267  | 20652  | 0.07% | 0.011% |
| 42         | 5.305 | 5.292 | 5.322 | VV | 547   | 5915   | 0.02% | 0.003% |
| 43         | 5.330 | 5.322 | 5.337 | VV | 274   | 1734   | 0.01% | 0.001% |
| 44         | 5.356 | 5.337 | 5.392 | VV | 2901  | 50066  | 0.17% | 0.026% |
| 45         | 5.399 | 5.392 | 5.415 | VV | 887   | 8041   | 0.03% | 0.004% |
| 46         | 5.434 | 5.415 | 5.446 | VV | 1776  | 17307  | 0.06% | 0.009% |
| 47         | 5.465 | 5.446 | 5.504 | VV | 4188  | 84904  | 0.28% | 0.045% |
| 48         | 5.525 | 5.504 | 5.535 | VV | 1174  | 19097  | 0.06% | 0.010% |
| 49         | 5.553 | 5.535 | 5.580 | VV | 4219  | 61621  | 0.21% | 0.033% |
| 50         | 5.595 | 5.580 | 5.622 | VV | 1397  | 27869  | 0.09% | 0.015% |
| 51         | 5.637 | 5.622 | 5.652 | VV | 2103  | 21741  | 0.07% | 0.011% |
| 52         | 5.686 | 5.652 | 5.707 | VV | 2425  | 38264  | 0.13% | 0.020% |
| 53         | 5.777 | 5.707 | 5.799 | VV | 2651  | 94337  | 0.32% | 0.050% |
| 54         | 5.824 | 5.799 | 5.840 | VV | 3248  | 36949  | 0.12% | 0.019% |
| 55         | 5.861 | 5.840 | 5.872 | VV | 3044  | 41149  | 0.14% | 0.022% |
| 56         | 5.888 | 5.872 | 5.925 | VV | 4335  | 85147  | 0.28% | 0.045% |
| 57         | 5.941 | 5.925 | 5.970 | VV | 2947  | 44493  | 0.15% | 0.023% |
| 58         | 5.988 | 5.970 | 6.021 | VV | 3148  | 49764  | 0.17% | 0.026% |
| 59         | 6.041 | 6.021 | 6.065 | VV | 1539  | 30300  | 0.10% | 0.016% |
| 60         | 6.089 | 6.065 | 6.122 | VV | 4991  | 77032  | 0.26% | 0.041% |
| 61         | 6.128 | 6.122 | 6.141 | VV | 1177  | 10231  | 0.03% | 0.005% |
| 62         | 6.164 | 6.141 | 6.211 | VV | 19692 | 224857 | 0.75% | 0.119% |
| 63         | 6.246 | 6.211 | 6.260 | VV | 1500  | 22874  | 0.08% | 0.012% |
| 64         | 6.275 | 6.260 | 6.290 | VV | 2653  | 32842  | 0.11% | 0.017% |
| 65         | 6.311 | 6.290 | 6.333 | VV | 7084  | 90528  | 0.30% | 0.048% |
| 66         | 6.354 | 6.333 | 6.369 | VV | 2634  | 38491  | 0.13% | 0.020% |
| 67         | 6.381 | 6.369 | 6.390 | VV | 1695  | 16623  | 0.06% | 0.009% |
| 68         | 6.405 | 6.390 | 6.419 | VV | 2088  | 26357  | 0.09% | 0.014% |
| 69         | 6.433 | 6.419 | 6.455 | VV | 5180  | 54861  | 0.18% | 0.029% |
| 70         | 6.474 | 6.455 | 6.484 | VV | 2734  | 29264  | 0.10% | 0.015% |
| 71         | 6.496 | 6.484 | 6.524 | VV | 2956  | 50940  | 0.17% | 0.027% |
| 72         | 6.549 | 6.524 | 6.607 | VV | 12125 | 180622 | 0.60% | 0.095% |
| 73         | 6.626 | 6.607 | 6.643 | VV | 2414  | 33981  | 0.11% | 0.018% |
| 74         | 6.670 | 6.643 | 6.690 | VV | 5415  | 94687  | 0.32% | 0.050% |
| 75         | 6.714 | 6.690 | 6.742 | VV | 6779  | 95170  | 0.32% | 0.050% |
| 76         | 6.772 | 6.742 | 6.802 | VV | 8517  | 154167 | 0.52% | 0.081% |
| 77         | 6.817 | 6.802 | 6.835 | VV | 5564  | 56913  | 0.19% | 0.030% |
| 78         | 6.858 | 6.835 | 6.891 | VV | 7651  | 118847 | 0.40% | 0.063% |
| 79         | 6.915 | 6.891 | 6.934 | VV | 4454  | 55579  | 0.19% | 0.029% |
| 80         | 6.953 | 6.934 | 6.969 | VV | 2675  | 30591  | 0.10% | 0.016% |
| 81         | 6.981 | 6.969 | 6.990 | VV | 1552  | 14846  | 0.05% | 0.008% |
| 82         | 7.010 | 6.990 | 7.029 | VV | 2325  | 40978  | 0.14% | 0.022% |
| 83         | 7.050 | 7.029 | 7.062 | VV | 12494 | 138087 | 0.46% | 0.073% |
| 84         | 7.080 | 7.062 | 7.117 | VV | 31324 | 391791 | 1.31% | 0.207% |
| 85         | 7.126 | 7.117 | 7.187 | VV | 3425  | 100834 | 0.34% | 0.053% |
| 86         | 7.199 | 7.187 | 7.209 | VV | 1228  | 14475  | 0.05% | 0.008% |
| 87         | 7.245 | 7.209 | 7.278 | VV | 8934  | 180443 | 0.60% | 0.095% |
| 88         | 7.296 | 7.278 | 7.320 | VV | 3766  | 50245  | 0.17% | 0.027% |
| 89         | 7.336 | 7.320 | 7.352 | VV | 2818  | 31257  | 0.10% | 0.016% |

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|------------|-------|-------|-------|----|-------|--------|-------|--------|
| 90         | 7.435 | 7.424 | 7.474 | VV | 9258  | 178981 | 0.60% | 0.094% |
| 91         | 7.496 | 7.474 | 7.515 | VV | 7536  | 132615 | 0.44% | 0.070% |
| 92         | 7.533 | 7.515 | 7.549 | VV | 7927  | 107950 | 0.36% | 0.057% |
| 93         | 7.557 | 7.549 | 7.580 | VV | 4509  | 70412  | 0.24% | 0.037% |
| 94         | 7.595 | 7.580 | 7.614 | VV | 5795  | 79334  | 0.27% | 0.042% |
| 95         | 7.641 | 7.614 | 7.654 | VV | 7506  | 108872 | 0.36% | 0.057% |
| 96         | 7.667 | 7.654 | 7.679 | VV | 9189  | 99884  | 0.33% | 0.053% |
| 97         | 7.693 | 7.679 | 7.717 | VV | 9773  | 127900 | 0.43% | 0.067% |
| 98         | 7.765 | 7.717 | 7.792 | VV | 10054 | 180983 | 0.60% | 0.095% |
| 99         | 7.806 | 7.792 | 7.825 | VV | 2758  | 40413  | 0.14% | 0.021% |
| 100        | 7.849 | 7.825 | 7.870 | VV | 6059  | 112437 | 0.38% | 0.059% |
| 101        | 7.890 | 7.870 | 7.925 | VV | 13040 | 295564 | 0.99% | 0.156% |
| 102        | 7.944 | 7.925 | 7.977 | VV | 41262 | 504099 | 1.68% | 0.266% |
| 103        | 8.004 | 7.977 | 8.021 | VV | 8769  | 158732 | 0.53% | 0.084% |
| 104        | 8.036 | 8.021 | 8.072 | VV | 6395  | 129532 | 0.43% | 0.068% |
| 105        | 8.091 | 8.072 | 8.105 | VV | 5661  | 86559  | 0.29% | 0.046% |
| 106        | 8.117 | 8.105 | 8.132 | VV | 5300  | 65521  | 0.22% | 0.035% |
| 107        | 8.151 | 8.132 | 8.198 | VV | 8229  | 160768 | 0.54% | 0.085% |
| 108        | 8.291 | 8.279 | 8.334 | VV | 10053 | 248818 | 0.83% | 0.131% |
| 109        | 8.361 | 8.334 | 8.377 | VV | 8699  | 185911 | 0.62% | 0.098% |
| 110        | 8.388 | 8.377 | 8.420 | VV | 8020  | 159928 | 0.53% | 0.084% |
| 111        | 8.435 | 8.420 | 8.456 | VV | 7604  | 125134 | 0.42% | 0.066% |
| 112        | 8.475 | 8.456 | 8.500 | VV | 15804 | 218835 | 0.73% | 0.115% |
| 113        | 8.528 | 8.500 | 8.556 | VV | 7013  | 147515 | 0.49% | 0.078% |
| 114        | 8.573 | 8.556 | 8.603 | VV | 4209  | 106060 | 0.35% | 0.056% |
| 115        | 8.617 | 8.603 | 8.633 | VV | 4231  | 63049  | 0.21% | 0.033% |
| 116        | 8.646 | 8.633 | 8.659 | VV | 3388  | 46968  | 0.16% | 0.025% |
| 117        | 8.693 | 8.659 | 8.721 | VV | 4903  | 145778 | 0.49% | 0.077% |
| 118        | 8.761 | 8.721 | 8.817 | VV | 45564 | 690490 | 2.31% | 0.364% |
| 119        | 8.842 | 8.817 | 8.862 | VV | 6143  | 103118 | 0.34% | 0.054% |
| 120        | 8.891 | 8.862 | 8.912 | VV | 5013  | 104039 | 0.35% | 0.055% |
| 121        | 8.951 | 8.912 | 8.963 | VV | 5162  | 109851 | 0.37% | 0.058% |
| 122        | 8.972 | 8.963 | 9.007 | VV | 4730  | 96540  | 0.32% | 0.051% |
| 123        | 9.032 | 9.007 | 9.063 | VV | 5241  | 129289 | 0.43% | 0.068% |
| 124        | 9.078 | 9.063 | 9.097 | VV | 3985  | 64050  | 0.21% | 0.034% |
| 125        | 9.128 | 9.097 | 9.163 | VV | 10562 | 229249 | 0.77% | 0.121% |
| 126        | 9.183 | 9.163 | 9.200 | VV | 7399  | 132177 | 0.44% | 0.070% |
| 127        | 9.217 | 9.200 | 9.242 | VV | 8203  | 142113 | 0.48% | 0.075% |
| 128        | 9.262 | 9.242 | 9.280 | VV | 8885  | 127566 | 0.43% | 0.067% |
| 129        | 9.314 | 9.280 | 9.339 | VV | 8841  | 192816 | 0.64% | 0.102% |
| 130        | 9.348 | 9.339 | 9.364 | VV | 3179  | 43635  | 0.15% | 0.023% |
| 131        | 9.378 | 9.364 | 9.400 | VV | 2957  | 60203  | 0.20% | 0.032% |
| 132        | 9.406 | 9.400 | 9.420 | VV | 2932  | 29442  | 0.10% | 0.016% |
| 133        | 9.484 | 9.420 | 9.507 | VV | 7669  | 238960 | 0.80% | 0.126% |
| 134        | 9.533 | 9.507 | 9.575 | VV | 51753 | 675893 | 2.26% | 0.357% |
| 135        | 9.606 | 9.575 | 9.625 | VV | 4802  | 104418 | 0.35% | 0.055% |
| 136        | 9.634 | 9.625 | 9.670 | VV | 3435  | 66405  | 0.22% | 0.035% |
| 137        | 9.693 | 9.670 | 9.725 | VV | 3700  | 83858  | 0.28% | 0.044% |
| 138        | 9.765 | 9.725 | 9.786 | VV | 2904  | 79190  | 0.26% | 0.042% |
| 139        | 9.814 | 9.786 | 9.835 | VV | 2463  | 65212  | 0.22% | 0.034% |
| 140        | 9.878 | 9.835 | 9.889 | VV | 6821  | 129541 | 0.43% | 0.068% |
| 141        | 9.918 | 9.889 | 9.949 | VV | 16904 | 359804 | 1.20% | 0.190% |

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|------------|--------|--------|--------|----|--------|---------|--------|--------|--|
| 142        | 9.969  | 9.949  | 9.989  | VV | 8305   | 143342  | 0.48%  | 0.076% |  |
| 143        | 10.010 | 9.989  | 10.039 | VV | 8853   | 175545  | 0.59%  | 0.093% |  |
| 144        | 10.061 | 10.039 | 10.084 | VV | 8973   | 141049  | 0.47%  | 0.074% |  |
| 145        | 10.108 | 10.084 | 10.137 | VV | 3188   | 84078   | 0.28%  | 0.044% |  |
| 146        | 10.155 | 10.137 | 10.170 | VV | 4544   | 72142   | 0.24%  | 0.038% |  |
| 147        | 10.194 | 10.170 | 10.214 | VV | 4801   | 100310  | 0.34%  | 0.053% |  |
| 148        | 10.268 | 10.214 | 10.300 | VV | 55156  | 783959  | 2.62%  | 0.414% |  |
| 149        | 10.338 | 10.300 | 10.420 | VV | 18107  | 497987  | 1.66%  | 0.263% |  |
| 150        | 10.454 | 10.420 | 10.472 | VV | 3396   | 73107   | 0.24%  | 0.039% |  |
| 151        | 10.507 | 10.472 | 10.516 | VV | 4916   | 99542   | 0.33%  | 0.053% |  |
| 152        | 10.526 | 10.516 | 10.554 | VV | 4830   | 80508   | 0.27%  | 0.042% |  |
| 153        | 10.588 | 10.554 | 10.624 | VV | 7534   | 196328  | 0.66%  | 0.104% |  |
| 154        | 10.650 | 10.624 | 10.669 | VV | 8646   | 162919  | 0.54%  | 0.086% |  |
| 155        | 10.678 | 10.669 | 10.699 | VV | 5889   | 77402   | 0.26%  | 0.041% |  |
| 156        | 10.721 | 10.699 | 10.750 | VV | 6861   | 130752  | 0.44%  | 0.069% |  |
| 157        | 10.771 | 10.750 | 10.794 | VV | 5437   | 88666   | 0.30%  | 0.047% |  |
| 158        | 10.813 | 10.794 | 10.834 | VV | 3308   | 58777   | 0.20%  | 0.031% |  |
| 159        | 10.874 | 10.834 | 10.882 | VV | 3061   | 63362   | 0.21%  | 0.033% |  |
| 160        | 10.906 | 10.882 | 10.925 | VV | 3286   | 73383   | 0.25%  | 0.039% |  |
| 161        | 10.967 | 10.925 | 11.002 | VV | 49431  | 655953  | 2.19%  | 0.346% |  |
| 162        | 11.022 | 11.002 | 11.031 | VV | 5286   | 70950   | 0.24%  | 0.037% |  |
| 163        | 11.056 | 11.031 | 11.090 | VV | 15242  | 269888  | 0.90%  | 0.142% |  |
| 164        | 11.119 | 11.090 | 11.137 | VV | 2275   | 49584   | 0.17%  | 0.026% |  |
| 165        | 11.162 | 11.137 | 11.191 | VV | 3715   | 82520   | 0.28%  | 0.044% |  |
| 166        | 11.208 | 11.191 | 11.217 | VV | 1951   | 26967   | 0.09%  | 0.014% |  |
| 167        | 11.264 | 11.217 | 11.309 | VV | 195564 | 2301772 | 7.69%  | 1.215% |  |
| 168        | 11.322 | 11.309 | 11.332 | VV | 5054   | 65268   | 0.22%  | 0.034% |  |
| 169        | 11.357 | 11.332 | 11.380 | VV | 6806   | 144587  | 0.48%  | 0.076% |  |
| 170        | 11.401 | 11.380 | 11.427 | VV | 6095   | 120544  | 0.40%  | 0.064% |  |
| 171        | 11.446 | 11.427 | 11.467 | VV | 7133   | 105423  | 0.35%  | 0.056% |  |
| 172        | 11.489 | 11.467 | 11.504 | VV | 3639   | 61869   | 0.21%  | 0.033% |  |
| 173        | 11.522 | 11.504 | 11.563 | VV | 6626   | 124895  | 0.42%  | 0.066% |  |
| 174        | 11.570 | 11.563 | 11.582 | VV | 1648   | 19826   | 0.07%  | 0.010% |  |
| 175        | 11.633 | 11.582 | 11.656 | VV | 43319  | 589640  | 1.97%  | 0.311% |  |
| 176        | 11.690 | 11.656 | 11.739 | VV | 737565 | 8232755 | 27.52% | 4.344% |  |
| 177        | 11.741 | 11.739 | 11.747 | VV | 2600   | 12709   | 0.04%  | 0.007% |  |
| 178        | 11.753 | 11.747 | 11.790 | VV | 2657   | 45801   | 0.15%  | 0.024% |  |
| 179        | 11.798 | 11.790 | 11.809 | VV | 1429   | 13097   | 0.04%  | 0.007% |  |
| 180        | 11.832 | 11.809 | 11.882 | VV | 3524   | 78853   | 0.26%  | 0.042% |  |
| 181        | 11.906 | 11.882 | 11.935 | VV | 4762   | 92266   | 0.31%  | 0.049% |  |
| 182        | 11.944 | 11.935 | 11.954 | VV | 2947   | 26903   | 0.09%  | 0.014% |  |
| 183        | 11.972 | 11.954 | 11.995 | VV | 4184   | 75514   | 0.25%  | 0.040% |  |
| 184        | 12.013 | 11.995 | 12.025 | VV | 3693   | 54746   | 0.18%  | 0.029% |  |
| 185        | 12.042 | 12.025 | 12.070 | VV | 4797   | 79329   | 0.27%  | 0.042% |  |
| 186        | 12.093 | 12.070 | 12.127 | VV | 4768   | 98426   | 0.33%  | 0.052% |  |
| 187        | 12.148 | 12.127 | 12.171 | VV | 9113   | 123176  | 0.41%  | 0.065% |  |
| 188        | 12.194 | 12.171 | 12.225 | VV | 5112   | 96395   | 0.32%  | 0.051% |  |
| 189        | 12.268 | 12.225 | 12.293 | VV | 35609  | 481044  | 1.61%  | 0.254% |  |
| 190        | 12.320 | 12.293 | 12.374 | VV | 12048  | 239637  | 0.80%  | 0.126% |  |
| 191        | 12.389 | 12.374 | 12.400 | VV | 902    | 10510   | 0.04%  | 0.006% |  |
| 192        | 12.411 | 12.400 | 12.429 | VV | 1595   | 18761   | 0.06%  | 0.010% |  |
| 193        | 12.437 | 12.429 | 12.462 | VV | 1079   | 13681   | 0.05%  | 0.007% |  |
| 194        | 12.481 | 12.462 | 12.490 | PV | 1075   | 10367   | 0.03%  | 0.005% |  |

Instrument :  
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ClientSampleId :

Manual Integrations  
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| rteres.txt |        |        |        |    |         |          |         |         |
|------------|--------|--------|--------|----|---------|----------|---------|---------|
| 195        | 12.569 | 12.490 | 12.586 | VV | 8060    | 184273   | 0.62%   | 0.097%  |
| 196        | 12.603 | 12.586 | 12.612 | VV | 7856    | 90663    | 0.30%   | 0.048%  |
| 197        | 12.623 | 12.612 | 12.657 | VV | 7368    | 119826   | 0.40%   | 0.063%  |
| 198        | 12.712 | 12.657 | 12.740 | VV | 1901634 | 29918159 | 100.00% | 15.786% |
| 199        | 12.767 | 12.740 | 12.840 | VV | 1322839 | 18962123 | 63.38%  | 10.005% |
| 200        | 12.880 | 12.840 | 12.906 | VV | 32768   | 498131   | 1.66%   | 0.263%  |
| 201        | 12.936 | 12.906 | 12.979 | VV | 296940  | 3770319  | 12.60%  | 1.989%  |
| 202        | 12.993 | 12.979 | 13.010 | VV | 15510   | 223537   | 0.75%   | 0.118%  |
| 203        | 13.023 | 13.010 | 13.059 | VV | 10848   | 176481   | 0.59%   | 0.093%  |
| 204        | 13.097 | 13.059 | 13.117 | VV | 5214    | 136733   | 0.46%   | 0.072%  |
| 205        | 13.132 | 13.117 | 13.167 | VV | 4084    | 98989    | 0.33%   | 0.052%  |
| 206        | 13.225 | 13.167 | 13.254 | VV | 58270   | 911907   | 3.05%   | 0.481%  |
| 207        | 13.273 | 13.254 | 13.294 | VV | 8166    | 130258   | 0.44%   | 0.069%  |
| 208        | 13.307 | 13.294 | 13.317 | VV | 2384    | 31709    | 0.11%   | 0.017%  |
| 209        | 13.336 | 13.317 | 13.354 | VV | 6755    | 102971   | 0.34%   | 0.054%  |
| 210        | 13.375 | 13.354 | 13.399 | VV | 5922    | 99340    | 0.33%   | 0.052%  |
| 211        | 13.426 | 13.399 | 13.441 | VV | 7277    | 91628    | 0.31%   | 0.048%  |
| 212        | 13.463 | 13.441 | 13.489 | VV | 24152   | 332033   | 1.11%   | 0.175%  |
| 213        | 13.511 | 13.489 | 13.537 | VV | 12404   | 163435   | 0.55%   | 0.086%  |
| 214        | 13.564 | 13.537 | 13.621 | VV | 6121    | 158435   | 0.53%   | 0.084%  |
| 215        | 13.671 | 13.621 | 13.690 | PV | 6982    | 163747   | 0.55%   | 0.086%  |
| 216        | 13.717 | 13.690 | 13.744 | VV | 52523   | 866886   | 2.90%   | 0.457%  |
| 217        | 13.752 | 13.744 | 13.785 | VV | 17838   | 309908   | 1.04%   | 0.164%  |
| 218        | 13.840 | 13.785 | 13.887 | VV | 28271   | 1016514  | 3.40%   | 0.536%  |
| 219        | 13.913 | 13.887 | 13.924 | VV | 33157   | 476993   | 1.59%   | 0.252%  |
| 220        | 13.933 | 13.924 | 13.969 | VV | 27703   | 452944   | 1.51%   | 0.239%  |
| 221        | 14.019 | 13.969 | 14.053 | VV | 42105   | 767895   | 2.57%   | 0.405%  |
| 222        | 14.081 | 14.053 | 14.119 | VV | 68571   | 1090590  | 3.65%   | 0.575%  |
| 223        | 14.134 | 14.119 | 14.164 | VV | 10232   | 175620   | 0.59%   | 0.093%  |
| 224        | 14.189 | 14.164 | 14.210 | VV | 8598    | 141368   | 0.47%   | 0.075%  |
| 225        | 14.237 | 14.210 | 14.269 | VV | 11397   | 225408   | 0.75%   | 0.119%  |
| 226        | 14.280 | 14.269 | 14.320 | VV | 3561    | 62500    | 0.21%   | 0.033%  |
| 227        | 14.376 | 14.320 | 14.394 | VV | 2403    | 68490    | 0.23%   | 0.036%  |
| 228        | 14.411 | 14.394 | 14.427 | VV | 2936    | 43837    | 0.15%   | 0.023%  |
| 229        | 14.472 | 14.427 | 14.500 | VV | 6758    | 199664   | 0.67%   | 0.105%  |
| 230        | 14.558 | 14.500 | 14.587 | VV | 31532   | 633434   | 2.12%   | 0.334%  |
| 231        | 14.610 | 14.587 | 14.640 | VV | 4797    | 106037   | 0.35%   | 0.056%  |
| 232        | 14.686 | 14.640 | 14.695 | VV | 3578    | 87860    | 0.29%   | 0.046%  |
| 233        | 14.705 | 14.695 | 14.730 | VV | 3577    | 56650    | 0.19%   | 0.030%  |
| 234        | 14.756 | 14.730 | 14.780 | VV | 4789    | 91715    | 0.31%   | 0.048%  |
| 235        | 14.801 | 14.780 | 14.818 | VV | 4144    | 69650    | 0.23%   | 0.037%  |
| 236        | 14.860 | 14.818 | 14.887 | VV | 5691    | 148642   | 0.50%   | 0.078%  |
| 237        | 14.905 | 14.887 | 14.924 | VV | 9125    | 144529   | 0.48%   | 0.076%  |
| 238        | 14.945 | 14.924 | 15.015 | VV | 11935   | 302440   | 1.01%   | 0.160%  |
| 239        | 15.076 | 15.015 | 15.106 | VV | 21880   | 341522   | 1.14%   | 0.180%  |
| 240        | 15.136 | 15.106 | 15.231 | VV | 24177   | 476205   | 1.59%   | 0.251%  |
| 241        | 15.258 | 15.231 | 15.275 | PV | 4101    | 67733    | 0.23%   | 0.036%  |
| 242        | 15.311 | 15.275 | 15.326 | VV | 4853    | 103273   | 0.35%   | 0.054%  |
| 243        | 15.337 | 15.326 | 15.357 | VV | 3434    | 51088    | 0.17%   | 0.027%  |
| 244        | 15.396 | 15.357 | 15.425 | VV | 3782    | 121925   | 0.41%   | 0.064%  |
| 245        | 15.450 | 15.425 | 15.513 | VV | 5547    | 224108   | 0.75%   | 0.118%  |
| 246        | 15.524 | 15.513 | 15.544 | VV | 3986    | 63183    | 0.21%   | 0.033%  |

Instrument :  
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ClientSampleId :

Manual Integrations  
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| rteres.txt |        |        |        |    |       |         |       |        |  |
|------------|--------|--------|--------|----|-------|---------|-------|--------|--|
| 247        | 15.575 | 15.544 | 15.617 | VV | 33397 | 590843  | 1.97% | 0.312% |  |
| 248        | 15.636 | 15.617 | 15.652 | VV | 6603  | 113256  | 0.38% | 0.060% |  |
| 249        | 15.670 | 15.652 | 15.692 | VV | 4571  | 91343   | 0.31% | 0.048% |  |
| 250        | 15.744 | 15.692 | 15.764 | VV | 23752 | 512395  | 1.71% | 0.270% |  |
| 251        | 15.779 | 15.764 | 15.815 | VV | 18418 | 446681  | 1.49% | 0.236% |  |
| 252        | 15.827 | 15.815 | 15.862 | VV | 10697 | 246652  | 0.82% | 0.130% |  |
| 253        | 15.885 | 15.862 | 15.902 | VV | 8620  | 184602  | 0.62% | 0.097% |  |
| 254        | 15.934 | 15.902 | 15.972 | VV | 12443 | 389526  | 1.30% | 0.206% |  |
| 255        | 15.991 | 15.972 | 16.008 | VV | 8310  | 148767  | 0.50% | 0.078% |  |
| 256        | 16.058 | 16.008 | 16.099 | VV | 31718 | 799456  | 2.67% | 0.422% |  |
| 257        | 16.120 | 16.099 | 16.147 | VV | 17471 | 364630  | 1.22% | 0.192% |  |
| 258        | 16.172 | 16.147 | 16.202 | VV | 12862 | 384927  | 1.29% | 0.203% |  |
| 259        | 16.214 | 16.202 | 16.222 | VV | 12448 | 141454  | 0.47% | 0.075% |  |
| 260        | 16.243 | 16.222 | 16.266 | VV | 12725 | 311539  | 1.04% | 0.164% |  |
| 261        | 16.296 | 16.266 | 16.322 | VV | 11625 | 366876  | 1.23% | 0.194% |  |
| 262        | 16.361 | 16.322 | 16.380 | VV | 29642 | 656099  | 2.19% | 0.346% |  |
| 263        | 16.400 | 16.380 | 16.471 | VV | 35705 | 1048737 | 3.51% | 0.553% |  |
| 264        | 16.522 | 16.471 | 16.544 | VV | 44084 | 1003328 | 3.35% | 0.529% |  |
| 265        | 16.560 | 16.544 | 16.585 | VV | 23139 | 481773  | 1.61% | 0.254% |  |
| 266        | 16.595 | 16.585 | 16.615 | VV | 15549 | 260693  | 0.87% | 0.138% |  |
| 267        | 16.627 | 16.615 | 16.640 | VV | 14379 | 210234  | 0.70% | 0.111% |  |
| 268        | 16.658 | 16.640 | 16.674 | VV | 16424 | 311150  | 1.04% | 0.164% |  |
| 269        | 16.688 | 16.674 | 16.707 | VV | 18458 | 338640  | 1.13% | 0.179% |  |
| 270        | 16.725 | 16.707 | 16.747 | VV | 21427 | 454137  | 1.52% | 0.240% |  |
| 271        | 16.760 | 16.747 | 16.774 | VV | 17850 | 272670  | 0.91% | 0.144% |  |
| 272        | 16.806 | 16.774 | 16.838 | VV | 22619 | 747778  | 2.50% | 0.395% |  |
| 273        | 16.858 | 16.838 | 16.868 | VV | 20193 | 337841  | 1.13% | 0.178% |  |
| 274        | 16.894 | 16.868 | 16.929 | VV | 27361 | 768676  | 2.57% | 0.406% |  |
| 275        | 16.974 | 16.929 | 17.005 | VV | 47816 | 1226736 | 4.10% | 0.647% |  |
| 276        | 17.013 | 17.005 | 17.030 | VV | 22097 | 313333  | 1.05% | 0.165% |  |
| 277        | 17.037 | 17.030 | 17.067 | VV | 22254 | 454447  | 1.52% | 0.240% |  |
| 278        | 17.075 | 17.067 | 17.092 | VV | 21067 | 297841  | 1.00% | 0.157% |  |
| 279        | 17.113 | 17.092 | 17.165 | VV | 25285 | 959964  | 3.21% | 0.507% |  |
| 280        | 17.176 | 17.165 | 17.187 | VV | 20316 | 255983  | 0.86% | 0.135% |  |
| 281        | 17.210 | 17.187 | 17.231 | VV | 22943 | 540037  | 1.81% | 0.285% |  |
| 282        | 17.308 | 17.231 | 17.327 | VV | 24947 | 1299259 | 4.34% | 0.686% |  |
| 283        | 17.347 | 17.327 | 17.359 | VV | 27986 | 471770  | 1.58% | 0.249% |  |
| 284        | 17.378 | 17.359 | 17.387 | VV | 30767 | 469771  | 1.57% | 0.248% |  |
| 285        | 17.407 | 17.387 | 17.440 | VV | 56816 | 1123228 | 3.75% | 0.593% |  |
| 286        | 17.449 | 17.440 | 17.470 | VV | 25051 | 404357  | 1.35% | 0.213% |  |
| 287        | 17.511 | 17.470 | 17.597 | VV | 50590 | 2421342 | 8.09% | 1.278% |  |
| 288        | 17.623 | 17.597 | 17.642 | VV | 26756 | 658069  | 2.20% | 0.347% |  |
| 289        | 17.716 | 17.642 | 17.737 | VV | 31173 | 1600075 | 5.35% | 0.844% |  |
| 290        | 17.769 | 17.737 | 17.804 | VV | 32521 | 1176447 | 3.93% | 0.621% |  |
| 291        | 17.830 | 17.804 | 17.855 | VV | 58905 | 1287503 | 4.30% | 0.679% |  |
| 292        | 17.878 | 17.855 | 17.900 | VV | 51252 | 1059796 | 3.54% | 0.559% |  |
| 293        | 17.911 | 17.900 | 17.930 | VV | 34647 | 575027  | 1.92% | 0.303% |  |
| 294        | 17.959 | 17.930 | 17.987 | VV | 36879 | 1104430 | 3.69% | 0.583% |  |
| 295        | 18.032 | 17.987 | 18.070 | VV | 34266 | 1569325 | 5.25% | 0.828% |  |
| 296        | 18.094 | 18.070 | 18.114 | VV | 34852 | 838741  | 2.80% | 0.443% |  |
| 297        | 18.127 | 18.114 | 18.152 | VV | 33603 | 719364  | 2.40% | 0.380% |  |
| 298        | 18.197 | 18.152 | 18.207 | VV | 35394 | 1085728 | 3.63% | 0.573% |  |
| 299        | 18.239 | 18.207 | 18.272 | VV | 59925 | 1687480 | 5.64% | 0.890% |  |



Instrument :  
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ClientSampleId :

Manual Integrations  
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|-----|--------|--------|--------|----|-------------------------|---------|-----------|--------|
| 300 | 18.298 | 18.272 | 18.320 | VV | 50785                   | 1147436 | 3.84%     | 0.605% |
| 301 | 18.349 | 18.320 | 18.407 | VV | 49925                   | 2098146 | 7.01%     | 1.107% |
| 302 | 18.432 | 18.407 | 18.456 | VV | 39009                   | 1096470 | 3.66%     | 0.579% |
| 303 | 18.480 | 18.456 | 18.496 | VV | 42870                   | 954313  | 3.19%     | 0.504% |
| 304 | 18.570 | 18.496 | 18.585 | VV | 43029                   | 2141611 | 7.16%     | 1.130% |
| 305 | 18.634 | 18.585 | 18.669 | VV | 80731                   | 2629519 | 8.79%     | 1.387% |
| 306 | 18.702 | 18.669 | 18.717 | VV | 47670                   | 1285323 | 4.30%     | 0.678% |
| 307 | 18.727 | 18.717 | 18.739 | VV | 45516                   | 568243  | 1.90%     | 0.300% |
| 308 | 18.758 | 18.739 | 18.765 | VV | 46007                   | 713269  | 2.38%     | 0.376% |
| 309 | 18.822 | 18.765 | 18.862 | VV | 50258                   | 2691625 | 9.00%     | 1.420% |
| 310 | 18.881 | 18.862 | 18.915 | VV | 48890                   | 1510215 | 5.05%     | 0.797% |
| 311 | 18.925 | 18.915 | 18.972 | VV | 48835                   | 1604847 | 5.36%     | 0.847% |
| 312 | 19.018 | 18.972 | 19.080 | VV | 84467                   | 3737090 | 12.49%    | 1.972% |
| 313 | 19.103 | 19.080 | 19.125 | VV | 57553                   | 1403630 | 4.69%     | 0.741% |
| 314 | 19.135 | 19.125 | 19.156 | VV | 55865                   | 980395  | 3.28%     | 0.517% |
| 315 | 19.218 | 19.156 | 19.234 | VV | 57204                   | 2495395 | 8.34%     | 1.317% |
| 316 | 19.255 | 19.234 | 19.275 | VV | 58449                   | 1374234 | 4.59%     | 0.725% |
| 317 | 19.294 | 19.275 | 19.302 | VV | 56861                   | 890732  | 2.98%     | 0.470% |
| 318 | 19.328 | 19.302 | 19.354 | VV | 63823                   | 1816632 | 6.07%     | 0.959% |
| 319 | 19.394 | 19.354 | 19.464 | VV | 85346                   | 4293219 | 14.35%    | 2.265% |
| 320 | 19.516 | 19.464 | 19.545 | VV | 68673                   | 3101862 | 10.37%    | 1.637% |
| 321 | 19.577 | 19.545 | 19.589 | VV | 65866                   | 1672063 | 5.59%     | 0.882% |
| 322 | 19.624 | 19.589 | 19.649 | VV | 78331                   | 2539274 | 8.49%     | 1.340% |
| 323 | 19.659 | 19.649 | 19.692 | VV | 70980                   | 1804984 | 6.03%     | 0.952% |
| 324 | 19.702 | 19.692 | 19.719 | VV | 70777                   | 1086189 | 3.63%     | 0.573% |
| 325 | 19.758 | 19.719 | 19.779 | VV | 91653                   | 2795548 | 9.34%     | 1.475% |
| 326 | 19.792 | 19.779 | 19.833 | VV | 77976                   | 2432344 | 8.13%     | 1.283% |
| 327 | 19.861 | 19.833 | 19.877 | VV | 81721                   | 2054538 | 6.87%     | 1.084% |
| 328 | 19.890 | 19.877 | 19.909 | VV | 79281                   | 1475825 | 4.93%     | 0.779% |
| 329 | 19.927 | 19.909 | 19.947 | VV | 86087                   | 1859364 | 6.21%     | 0.981% |
| 330 | 19.971 | 19.947 | 19.984 | VV | 79520                   | 1707324 | 5.71%     | 0.901% |
| 331 | 19.995 | 19.984 | 20.004 | VV | 80372                   | 938435  | 3.14%     | 0.495% |
|     |        |        |        |    | Sum of corrected areas: |         | 189523271 |        |

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