

Instrument :  
FID\_C  
ClientSampleId :  
R20-OSDL

rteres

# Area Percent Report

Manual Integrations  
APPROVED

Sohil  
12/26/2018 1:29:58 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC122118AL\  
Data File : FC038365.D  
Signal(s) : FID1A.CH  
Acq On : 21 Dec 2018 23:23  
Sample : J6482-04DL 10X  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 121018.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         | 3.115       | 3.082        | 3.152      | BV       | 160            | 1404         | 0.02%          | 0.000%        |
| 2         | 3.178       | 3.152        | 3.217      | PV       | 141            | 2767         | 0.03%          | 0.001%        |
| 3         | 3.235       | 3.217        | 3.271      | VV       | 219            | 3473         | 0.04%          | 0.001%        |
| 4         | 3.317       | 3.271        | 3.357      | PV       | 488            | 11749        | 0.15%          | 0.003%        |
| 5         | 3.376       | 3.357        | 3.419      | VV       | 333            | 7673         | 0.10%          | 0.002%        |
| 6         | 3.421       | 3.419        | 3.463      | VV       | 233            | 4071         | 0.05%          | 0.001%        |
| 7         | 3.491       | 3.463        | 3.559      | VV       | 735            | 14360        | 0.18%          | 0.004%        |
| 8         | 3.566       | 3.559        | 3.580      | VV       | 150            | 1497         | 0.02%          | 0.000%        |
| 9         | 3.628       | 3.580        | 3.659      | VV       | 363            | 10792        | 0.14%          | 0.003%        |
| 10        | 3.678       | 3.659        | 3.692      | VV       | 234            | 4029         | 0.05%          | 0.001%        |
| 11        | 3.699       | 3.692        | 3.742      | VV       | 216            | 4891         | 0.06%          | 0.001%        |
| 12        | 3.776       | 3.742        | 3.818      | VV       | 260            | 8548         | 0.11%          | 0.002%        |
| 13        | 3.827       | 3.818        | 3.862      | VV       | 257            | 4570         | 0.06%          | 0.001%        |
| 14        | 3.874       | 3.862        | 3.885      | VV       | 263            | 2650         | 0.03%          | 0.001%        |
| 15        | 3.893       | 3.885        | 3.934      | VV       | 248            | 4490         | 0.06%          | 0.001%        |
| 16        | 3.947       | 3.934        | 3.969      | VV       | 277            | 3157         | 0.04%          | 0.001%        |
| 17        | 3.978       | 3.969        | 3.995      | VV       | 199            | 2973         | 0.04%          | 0.001%        |
| 18        | 4.004       | 3.995        | 4.045      | VV       | 207            | 5250         | 0.07%          | 0.002%        |
| 19        | 4.057       | 4.045        | 4.085      | VV       | 208            | 3317         | 0.04%          | 0.001%        |
| 20        | 4.092       | 4.085        | 4.110      | VV       | 174            | 1885         | 0.02%          | 0.001%        |
| 21        | 4.134       | 4.110        | 4.159      | VV       | 296            | 5257         | 0.07%          | 0.002%        |
| 22        | 4.170       | 4.159        | 4.200      | VV       | 232            | 4154         | 0.05%          | 0.001%        |
| 23        | 4.223       | 4.200        | 4.235      | VV       | 255            | 3683         | 0.05%          | 0.001%        |
| 24        | 4.245       | 4.235        | 4.265      | VV       | 252            | 3469         | 0.04%          | 0.001%        |
| 25        | 4.275       | 4.265        | 4.306      | VV       | 248            | 4542         | 0.06%          | 0.001%        |
| 26        | 4.325       | 4.306        | 4.377      | VV       | 292            | 7817         | 0.10%          | 0.002%        |
| 27        | 4.410       | 4.377        | 4.434      | VV       | 181            | 4911         | 0.06%          | 0.001%        |
| 28        | 4.455       | 4.434        | 4.482      | VV       | 259            | 4876         | 0.06%          | 0.001%        |
| 29        | 4.491       | 4.482        | 4.516      | VV       | 217            | 2921         | 0.04%          | 0.001%        |
| 30        | 4.523       | 4.516        | 4.531      | VV       | 209            | 1360         | 0.02%          | 0.000%        |
| 31        | 4.543       | 4.531        | 4.583      | VV       | 299            | 5045         | 0.06%          | 0.001%        |
| 32        | 4.603       | 4.583        | 4.682      | VV       | 326            | 9786         | 0.12%          | 0.003%        |
| 33        | 4.740       | 4.682        | 4.760      | VV       | 215            | 5526         | 0.07%          | 0.002%        |
| 34        | 4.765       | 4.760        | 4.797      | VV       | 167            | 2536         | 0.03%          | 0.001%        |
| 35        | 4.801       | 4.797        | 4.842      | VV       | 182            | 2663         | 0.03%          | 0.001%        |
| 36        | 4.849       | 4.842        | 4.884      | VV       | 119            | 2309         | 0.03%          | 0.001%        |

|    |       |       |       |    | retention |        |       |        |  |
|----|-------|-------|-------|----|-----------|--------|-------|--------|--|
| 37 | 4.897 | 4.884 | 4.912 | VV | 175       | 2001   | 0.03% | 0.001% |  |
| 38 | 4.922 | 4.912 | 4.967 | VV | 226       | 4033   | 0.05% | 0.001% |  |
| 39 | 4.991 | 4.967 | 5.002 | VV | 173       | 2207   | 0.03% | 0.001% |  |
| 40 | 5.029 | 5.002 | 5.040 | VV | 174       | 3047   | 0.04% | 0.001% |  |
| 41 | 5.047 | 5.040 | 5.072 | VV | 192       | 2608   | 0.03% | 0.001% |  |
| 42 | 5.086 | 5.072 | 5.128 | VV | 194       | 4044   | 0.05% | 0.001% |  |
| 43 | 5.138 | 5.128 | 5.237 | PV | 205       | 6874   | 0.09% | 0.002% |  |
| 44 | 5.246 | 5.237 | 5.257 | VV | 223       | 1207   | 0.02% | 0.000% |  |
| 45 | 5.268 | 5.257 | 5.275 | VV | 167       | 1292   | 0.02% | 0.000% |  |
| 46 | 5.285 | 5.275 | 5.301 | VV | 243       | 2195   | 0.03% | 0.001% |  |
| 47 | 5.317 | 5.301 | 5.339 | VV | 178       | 2486   | 0.03% | 0.001% |  |
| 48 | 5.354 | 5.339 | 5.374 | VV | 268       | 3134   | 0.04% | 0.001% |  |
| 49 | 5.387 | 5.374 | 5.414 | VV | 229       | 3347   | 0.04% | 0.001% |  |
| 50 | 5.434 | 5.414 | 5.465 | VV | 213       | 3768   | 0.05% | 0.001% |  |
| 51 | 5.517 | 5.465 | 5.544 | VV | 296       | 8019   | 0.10% | 0.002% |  |
| 52 | 5.559 | 5.544 | 5.584 | VV | 237       | 3604   | 0.05% | 0.001% |  |
| 53 | 5.598 | 5.584 | 5.610 | VV | 202       | 2017   | 0.03% | 0.001% |  |
| 54 | 5.639 | 5.610 | 5.662 | VV | 313       | 5812   | 0.07% | 0.002% |  |
| 55 | 5.677 | 5.662 | 5.715 | VV | 273       | 5587   | 0.07% | 0.002% |  |
| 56 | 5.750 | 5.715 | 5.857 | VV | 362       | 18142  | 0.23% | 0.005% |  |
| 57 | 5.906 | 5.857 | 5.947 | PV | 381       | 14471  | 0.18% | 0.004% |  |
| 58 | 5.954 | 5.947 | 5.989 | VV | 282       | 5488   | 0.07% | 0.002% |  |
| 59 | 5.998 | 5.989 | 6.043 | VV | 308       | 6539   | 0.08% | 0.002% |  |
| 60 | 6.054 | 6.043 | 6.075 | VV | 246       | 4337   | 0.05% | 0.001% |  |
| 61 | 6.081 | 6.075 | 6.094 | VV | 301       | 2410   | 0.03% | 0.001% |  |
| 62 | 6.103 | 6.094 | 6.127 | VV | 288       | 3738   | 0.05% | 0.001% |  |
| 63 | 6.139 | 6.127 | 6.177 | VV | 249       | 5150   | 0.06% | 0.001% |  |
| 64 | 6.184 | 6.177 | 6.227 | VV | 291       | 5463   | 0.07% | 0.002% |  |
| 65 | 6.254 | 6.227 | 6.280 | VV | 342       | 6376   | 0.08% | 0.002% |  |
| 66 | 6.319 | 6.280 | 6.340 | VV | 415       | 8871   | 0.11% | 0.003% |  |
| 67 | 6.350 | 6.340 | 6.380 | VV | 284       | 5056   | 0.06% | 0.001% |  |
| 68 | 6.389 | 6.380 | 6.406 | VV | 234       | 3013   | 0.04% | 0.001% |  |
| 69 | 6.425 | 6.406 | 6.460 | VV | 378       | 8419   | 0.11% | 0.002% |  |
| 70 | 6.497 | 6.460 | 6.529 | VV | 397       | 10758  | 0.14% | 0.003% |  |
| 71 | 6.559 | 6.529 | 6.594 | PV | 503       | 9947   | 0.13% | 0.003% |  |
| 72 | 6.609 | 6.594 | 6.620 | VV | 258       | 3543   | 0.04% | 0.001% |  |
| 73 | 6.684 | 6.620 | 6.710 | VV | 500       | 18188  | 0.23% | 0.005% |  |
| 74 | 6.723 | 6.710 | 6.740 | VV | 401       | 5142   | 0.06% | 0.001% |  |
| 75 | 6.783 | 6.740 | 6.797 | VV | 456       | 10885  | 0.14% | 0.003% |  |
| 76 | 6.807 | 6.797 | 6.839 | VV | 417       | 7866   | 0.10% | 0.002% |  |
| 77 | 6.872 | 6.839 | 6.915 | VV | 729       | 17523  | 0.22% | 0.005% |  |
| 78 | 6.965 | 6.915 | 6.979 | VV | 547       | 14209  | 0.18% | 0.004% |  |
| 79 | 6.990 | 6.979 | 7.014 | VV | 466       | 7765   | 0.10% | 0.002% |  |
| 80 | 7.030 | 7.014 | 7.044 | VV | 744       | 9912   | 0.12% | 0.003% |  |
| 81 | 7.062 | 7.044 | 7.077 | VV | 1310      | 17283  | 0.22% | 0.005% |  |
| 82 | 7.090 | 7.077 | 7.109 | VV | 1045      | 14628  | 0.18% | 0.004% |  |
| 83 | 7.132 | 7.109 | 7.157 | VV | 553       | 14141  | 0.18% | 0.004% |  |
| 84 | 7.263 | 7.157 | 7.290 | VV | 1759      | 64249  | 0.81% | 0.018% |  |
| 85 | 7.324 | 7.290 | 7.338 | VV | 900       | 21767  | 0.27% | 0.006% |  |
| 86 | 7.392 | 7.338 | 7.436 | VV | 41531     | 536347 | 6.74% | 0.153% |  |
| 87 | 7.445 | 7.436 | 7.479 | VV | 3171      | 71140  | 0.89% | 0.020% |  |
| 88 | 7.503 | 7.479 | 7.532 | VV | 4986      | 108864 | 1.37% | 0.031% |  |
| 89 | 7.549 | 7.532 | 7.567 | VV | 3467      | 59583  | 0.75% | 0.017% |  |

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|     |        |       |        |    | rt     | Area    | Area%  | Height |
|-----|--------|-------|--------|----|--------|---------|--------|--------|
| 90  | 7.582  | 7.567 | 7.617  | VV | 2656   | 70378   | 0.88%  | 0.020% |
| 91  | 7.655  | 7.617 | 7.664  | VV | 3246   | 79850   | 1.00%  | 0.023% |
| 92  | 7.679  | 7.664 | 7.693  | VV | 3726   | 57204   | 0.72%  | 0.016% |
| 93  | 7.706  | 7.693 | 7.722  | VV | 3391   | 52705   | 0.66%  | 0.015% |
| 94  | 7.742  | 7.722 | 7.759  | VV | 4034   | 74337   | 0.93%  | 0.021% |
| 95  | 7.779  | 7.759 | 7.800  | VV | 6979   | 122062  | 1.53%  | 0.035% |
| 96  | 7.821  | 7.800 | 7.834  | VV | 4442   | 81173   | 1.02%  | 0.023% |
| 97  | 7.864  | 7.834 | 7.878  | VV | 4718   | 111896  | 1.41%  | 0.032% |
| 98  | 7.928  | 7.878 | 7.939  | VV | 7579   | 210024  | 2.64%  | 0.060% |
| 99  | 7.953  | 7.939 | 7.974  | VV | 7655   | 135681  | 1.71%  | 0.039% |
| 100 | 8.011  | 7.974 | 8.034  | VV | 8143   | 238346  | 3.00%  | 0.068% |
| 101 | 8.097  | 8.034 | 8.110  | VV | 9843   | 356958  | 4.49%  | 0.102% |
| 102 | 8.128  | 8.110 | 8.144  | VV | 10028  | 186563  | 2.35%  | 0.053% |
| 103 | 8.163  | 8.144 | 8.175  | VV | 10308  | 183511  | 2.31%  | 0.052% |
| 104 | 8.197  | 8.175 | 8.211  | VV | 10472  | 211528  | 2.66%  | 0.060% |
| 105 | 8.248  | 8.211 | 8.292  | VV | 27124  | 753266  | 9.47%  | 0.215% |
| 106 | 8.323  | 8.292 | 8.352  | VV | 15087  | 511463  | 6.43%  | 0.146% |
| 107 | 8.398  | 8.352 | 8.407  | VV | 17165  | 532889  | 6.70%  | 0.152% |
| 108 | 8.425  | 8.407 | 8.435  | VV | 18535  | 295387  | 3.71%  | 0.084% |
| 109 | 8.454  | 8.435 | 8.473  | VV | 20721  | 424782  | 5.34%  | 0.121% |
| 110 | 8.491  | 8.473 | 8.510  | VV | 26007  | 484484  | 6.09%  | 0.138% |
| 111 | 8.525  | 8.510 | 8.535  | VV | 19291  | 282241  | 3.55%  | 0.081% |
| 112 | 8.558  | 8.535 | 8.574  | VV | 24250  | 493783  | 6.21%  | 0.141% |
| 113 | 8.625  | 8.574 | 8.646  | VV | 24606  | 960145  | 12.07% | 0.274% |
| 114 | 8.670  | 8.646 | 8.690  | VV | 26911  | 676792  | 8.51%  | 0.193% |
| 115 | 8.710  | 8.690 | 8.730  | VV | 26469  | 618193  | 7.77%  | 0.177% |
| 116 | 8.749  | 8.730 | 8.757  | VV | 26968  | 413957  | 5.20%  | 0.118% |
| 117 | 8.775  | 8.757 | 8.787  | VV | 30192  | 513420  | 6.45%  | 0.147% |
| 118 | 8.796  | 8.787 | 8.817  | VV | 28908  | 505422  | 6.35%  | 0.144% |
| 119 | 8.855  | 8.817 | 8.874  | VV | 33539  | 1040034 | 13.07% | 0.297% |
| 120 | 8.891  | 8.874 | 8.899  | VV | 32722  | 461546  | 5.80%  | 0.132% |
| 121 | 8.910  | 8.899 | 8.939  | VV | 32121  | 744766  | 9.36%  | 0.213% |
| 122 | 8.978  | 8.939 | 9.022  | VV | 38878  | 1814626 | 22.81% | 0.519% |
| 123 | 9.040  | 9.022 | 9.070  | VV | 40291  | 1107727 | 13.92% | 0.317% |
| 124 | 9.096  | 9.070 | 9.109  | VV | 42059  | 916657  | 11.52% | 0.262% |
| 125 | 9.139  | 9.109 | 9.177  | VV | 53473  | 1845458 | 23.20% | 0.527% |
| 126 | 9.223  | 9.177 | 9.245  | VV | 50167  | 1882375 | 23.66% | 0.538% |
| 127 | 9.273  | 9.245 | 9.289  | VV | 49501  | 1227613 | 15.43% | 0.351% |
| 128 | 9.307  | 9.289 | 9.339  | VV | 53906  | 1512426 | 19.01% | 0.432% |
| 129 | 9.388  | 9.339 | 9.409  | VV | 50933  | 2033785 | 25.56% | 0.581% |
| 130 | 9.422  | 9.409 | 9.430  | VV | 48902  | 608205  | 7.64%  | 0.174% |
| 131 | 9.454  | 9.430 | 9.465  | VV | 52717  | 1103126 | 13.87% | 0.315% |
| 132 | 9.502  | 9.465 | 9.526  | VV | 64081  | 2104112 | 26.45% | 0.601% |
| 133 | 9.546  | 9.526 | 9.560  | VV | 64444  | 1242682 | 15.62% | 0.355% |
| 134 | 9.572  | 9.560 | 9.589  | VV | 58856  | 988486  | 12.42% | 0.283% |
| 135 | 9.628  | 9.589 | 9.680  | VV | 62446  | 3274873 | 41.16% | 0.936% |
| 136 | 9.708  | 9.680 | 9.745  | VV | 67834  | 2413806 | 30.34% | 0.690% |
| 137 | 9.773  | 9.745 | 9.797  | VV | 70013  | 1985494 | 24.96% | 0.567% |
| 138 | 9.829  | 9.797 | 9.849  | VV | 69321  | 2046126 | 25.72% | 0.585% |
| 139 | 9.859  | 9.849 | 9.870  | VV | 67136  | 866874  | 10.90% | 0.248% |
| 140 | 9.936  | 9.870 | 9.964  | VV | 104282 | 4466409 | 56.14% | 1.277% |
| 141 | 10.007 | 9.964 | 10.031 | VV | 84569  | 3120129 | 39.22% | 0.892% |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 142    | 10.071 | 10.031 | 10.102 | VV | 91939  | 3300884 | 41.49%  | 0.943% |
| 143    | 10.123 | 10.102 | 10.152 | VV | 77882  | 2234825 | 28.09%  | 0.639% |
| 144    | 10.171 | 10.152 | 10.184 | VV | 82439  | 1497446 | 18.82%  | 0.428% |
| 145    | 10.208 | 10.184 | 10.229 | VV | 86050  | 2178996 | 27.39%  | 0.623% |
| 146    | 10.281 | 10.229 | 10.304 | VV | 91417  | 3841189 | 48.28%  | 1.098% |
| 147    | 10.355 | 10.304 | 10.442 | VV | 146241 | 7955735 | 100.00% | 2.274% |
| 148    | 10.472 | 10.442 | 10.488 | VV | 94892  | 2353619 | 29.58%  | 0.673% |
| 149    | 10.504 | 10.488 | 10.529 | VV | 97964  | 2301714 | 28.93%  | 0.658% |
| 150    | 10.546 | 10.529 | 10.566 | VV | 95832  | 2055757 | 25.84%  | 0.588% |
| 151    | 10.609 | 10.566 | 10.629 | VV | 94752  | 3490236 | 43.87%  | 0.998% |
| 152    | 10.648 | 10.629 | 10.658 | VV | 96180  | 1640740 | 20.62%  | 0.469% |
| 153    | 10.676 | 10.658 | 10.713 | VV | 105737 | 3167964 | 39.82%  | 0.905% |
| 154    | 10.756 | 10.713 | 10.786 | VV | 103842 | 4205885 | 52.87%  | 1.202% |
| 155    | 10.809 | 10.786 | 10.830 | VV | 104883 | 2675557 | 33.63%  | 0.765% |
| 156    | 10.853 | 10.830 | 10.875 | VV | 101924 | 2641820 | 33.21%  | 0.755% |
| 157    | 10.895 | 10.875 | 10.912 | VV | 108228 | 2203485 | 27.70%  | 0.630% |
| 158    | 10.934 | 10.912 | 10.961 | VV | 102164 | 2930632 | 36.84%  | 0.838% |
| 159    | 10.984 | 10.961 | 11.010 | VV | 107393 | 3037618 | 38.18%  | 0.868% |
| 160    | 11.018 | 11.010 | 11.034 | VV | 98498  | 1361737 | 17.12%  | 0.389% |
| 161    | 11.073 | 11.034 | 11.115 | VV | 180981 | 5923162 | 74.45%  | 1.693% |
| 162    | 11.126 | 11.115 | 11.159 | VV | 100296 | 2522151 | 31.70%  | 0.721% |
| 163    | 11.181 | 11.159 | 11.190 | VV | 100188 | 1829707 | 23.00%  | 0.523% |
| 164    | 11.211 | 11.190 | 11.232 | VV | 104427 | 2572786 | 32.34%  | 0.735% |
| 165    | 11.276 | 11.232 | 11.309 | VV | 145190 | 5405546 | 67.95%  | 1.545% |
| 166    | 11.345 | 11.309 | 11.364 | VV | 110221 | 3405910 | 42.81%  | 0.973% |
| 167    | 11.373 | 11.364 | 11.394 | VV | 106641 | 1882063 | 23.66%  | 0.538% |
| 168    | 11.428 | 11.394 | 11.439 | VV | 111010 | 2823542 | 35.49%  | 0.807% |
| 169    | 11.460 | 11.439 | 11.476 | VV | 116405 | 2496223 | 31.38%  | 0.713% |
| 170    | 11.486 | 11.476 | 11.507 | VV | 113003 | 2004056 | 25.19%  | 0.573% |
| 171    | 11.517 | 11.507 | 11.542 | VV | 112198 | 2254263 | 28.34%  | 0.644% |
| 172    | 11.563 | 11.542 | 11.596 | VV | 114495 | 3486913 | 43.83%  | 0.997% |
| 173    | 11.626 | 11.596 | 11.700 | VV | 132881 | 7109456 | 89.36%  | 2.032% |
| 174    | 11.723 | 11.700 | 11.738 | VV | 107294 | 2397308 | 30.13%  | 0.685% |
| 175    | 11.761 | 11.738 | 11.807 | VV | 114053 | 4408449 | 55.41%  | 1.260% |
| 176    | 11.845 | 11.807 | 11.890 | VV | 113864 | 5404561 | 67.93%  | 1.545% |
| 177    | 11.936 | 11.890 | 11.971 | VV | 111897 | 5197360 | 65.33%  | 1.486% |
| 178    | 11.984 | 11.971 | 12.000 | VV | 108909 | 1805105 | 22.69%  | 0.516% |
| 179    | 12.040 | 12.000 | 12.095 | VV | 109538 | 6061430 | 76.19%  | 1.732% |
| 180    | 12.125 | 12.095 | 12.185 | VV | 123877 | 5909148 | 74.28%  | 1.689% |
| 181    | 12.209 | 12.185 | 12.231 | VV | 117873 | 3015858 | 37.91%  | 0.862% |
| 182    | 12.240 | 12.231 | 12.259 | VV | 108043 | 1757655 | 22.09%  | 0.502% |
| 183    | 12.284 | 12.259 | 12.345 | VV | 126143 | 5650158 | 71.02%  | 1.615% |
| 184    | 12.377 | 12.345 | 12.411 | VV | 121134 | 4389815 | 55.18%  | 1.255% |
| 185    | 12.420 | 12.411 | 12.452 | VV | 111552 | 2613054 | 32.84%  | 0.747% |
| 186    | 12.464 | 12.452 | 12.484 | VV | 104832 | 1964050 | 24.69%  | 0.561% |
| 187    | 12.499 | 12.484 | 12.512 | VV | 102216 | 1703786 | 21.42%  | 0.487% |
| 188    | 12.534 | 12.512 | 12.555 | VV | 104309 | 2636233 | 33.14%  | 0.753% |
| 189    | 12.572 | 12.555 | 12.594 | VV | 105348 | 2317821 | 29.13%  | 0.662% |
| 190    | 12.614 | 12.594 | 12.624 | VV | 104420 | 1829008 | 22.99%  | 0.523% |
| 191    | 12.642 | 12.624 | 12.664 | VV | 104313 | 2481119 | 31.19%  | 0.709% |
| 192    | 12.688 | 12.664 | 12.699 | VV | 103446 | 2114180 | 26.57%  | 0.604% |
| 193    | 12.722 | 12.699 | 12.744 | VV | 129269 | 2975770 | 37.40%  | 0.851% |
| 194    | 12.778 | 12.744 | 12.816 | VV | 121771 | 4742504 | 59.61%  | 1.356% |

Instrument :  
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ClientSampleId :  
R20-OSDL

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| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 195    | 12.842 | 12.816 | 12.872 | VV | 105315 | 3359368 | 42.23% | 0.960% |
| 196    | 12.898 | 12.872 | 12.917 | VV | 108885 | 2798701 | 35.18% | 0.800% |
| 197    | 12.945 | 12.917 | 12.987 | VV | 134178 | 4651971 | 58.47% | 1.330% |
| 198    | 12.995 | 12.987 | 13.009 | VV | 99003  | 1266546 | 15.92% | 0.362% |
| 199    | 13.030 | 13.009 | 13.074 | VV | 108066 | 3856871 | 48.48% | 1.102% |
| 200    | 13.081 | 13.074 | 13.094 | VV | 95271  | 1135577 | 14.27% | 0.325% |
| 201    | 13.119 | 13.094 | 13.155 | VV | 109333 | 3730453 | 46.89% | 1.066% |
| 202    | 13.170 | 13.155 | 13.222 | VV | 101038 | 3876680 | 48.73% | 1.108% |
| 203    | 13.232 | 13.222 | 13.265 | VV | 93716  | 2346414 | 29.49% | 0.671% |
| 204    | 13.303 | 13.265 | 13.369 | VV | 97539  | 5872841 | 73.82% | 1.679% |
| 205    | 13.390 | 13.369 | 13.417 | VV | 103839 | 2812504 | 35.35% | 0.804% |
| 206    | 13.445 | 13.417 | 13.462 | VV | 98448  | 2522741 | 31.71% | 0.721% |
| 207    | 13.472 | 13.462 | 13.489 | VV | 94399  | 1460025 | 18.35% | 0.417% |
| 208    | 13.501 | 13.489 | 13.519 | VV | 90024  | 1586586 | 19.94% | 0.453% |
| 209    | 13.532 | 13.519 | 13.551 | VV | 89365  | 1665314 | 20.93% | 0.476% |
| 210    | 13.613 | 13.551 | 13.639 | VV | 92485  | 4679525 | 58.82% | 1.338% |
| 211    | 13.647 | 13.639 | 13.655 | VV | 87731  | 865629  | 10.88% | 0.247% |
| 212    | 13.665 | 13.655 | 13.690 | VV | 90379  | 1857952 | 23.35% | 0.531% |
| 213    | 13.707 | 13.690 | 13.744 | VV | 99252  | 2906806 | 36.54% | 0.831% |
| 214    | 13.774 | 13.744 | 13.824 | VV | 87032  | 4006218 | 50.36% | 1.145% |
| 215    | 13.859 | 13.824 | 13.880 | VV | 84989  | 2770550 | 34.82% | 0.792% |
| 216    | 13.897 | 13.880 | 13.917 | VV | 81884  | 1777868 | 22.35% | 0.508% |
| 217    | 13.957 | 13.917 | 14.008 | VV | 90082  | 4319713 | 54.30% | 1.235% |
| 218    | 14.031 | 14.008 | 14.060 | VV | 80109  | 2374655 | 29.85% | 0.679% |
| 219    | 14.074 | 14.060 | 14.093 | VV | 77601  | 1455412 | 18.29% | 0.416% |
| 220    | 14.108 | 14.093 | 14.139 | VV | 77928  | 2047379 | 25.73% | 0.585% |
| 221    | 14.163 | 14.139 | 14.222 | VV | 79220  | 3667148 | 46.09% | 1.048% |
| 222    | 14.262 | 14.222 | 14.300 | VV | 74728  | 3268393 | 41.08% | 0.934% |
| 223    | 14.317 | 14.300 | 14.337 | VV | 68935  | 1461619 | 18.37% | 0.418% |
| 224    | 14.353 | 14.337 | 14.372 | VV | 65457  | 1321088 | 16.61% | 0.378% |
| 225    | 14.408 | 14.372 | 14.422 | VV | 63964  | 1866606 | 23.46% | 0.534% |
| 226    | 14.438 | 14.422 | 14.460 | VV | 63045  | 1406264 | 17.68% | 0.402% |
| 227    | 14.471 | 14.460 | 14.499 | VV | 63614  | 1426449 | 17.93% | 0.408% |
| 228    | 14.514 | 14.499 | 14.550 | VV | 59004  | 1769809 | 22.25% | 0.506% |
| 229    | 14.569 | 14.550 | 14.605 | VV | 62108  | 1914227 | 24.06% | 0.547% |
| 230    | 14.626 | 14.605 | 14.657 | VV | 58218  | 1761950 | 22.15% | 0.504% |
| 231    | 14.665 | 14.657 | 14.679 | VV | 57492  | 712700  | 8.96%  | 0.204% |
| 232    | 14.698 | 14.679 | 14.745 | VV | 54648  | 2131713 | 26.79% | 0.609% |
| 233    | 14.755 | 14.745 | 14.788 | VV | 51332  | 1296811 | 16.30% | 0.371% |
| 234    | 14.802 | 14.788 | 14.841 | VV | 53104  | 1594038 | 20.04% | 0.456% |
| 235    | 14.850 | 14.841 | 14.902 | VV | 50419  | 1778678 | 22.36% | 0.508% |
| 236    | 14.912 | 14.902 | 14.931 | VV | 46361  | 778102  | 9.78%  | 0.222% |
| 237    | 14.942 | 14.931 | 14.982 | VV | 45995  | 1377555 | 17.32% | 0.394% |
| 238    | 14.999 | 14.982 | 15.040 | VV | 47851  | 1550812 | 19.49% | 0.443% |
| 239    | 15.059 | 15.040 | 15.080 | VV | 41636  | 995618  | 12.51% | 0.285% |
| 240    | 15.092 | 15.080 | 15.180 | VV | 45126  | 2547065 | 32.02% | 0.728% |
| 241    | 15.198 | 15.180 | 15.251 | VV | 40057  | 1535036 | 19.29% | 0.439% |
| 242    | 15.277 | 15.251 | 15.315 | VV | 35207  | 1316820 | 16.55% | 0.376% |
| 243    | 15.334 | 15.315 | 15.378 | VV | 34129  | 1239606 | 15.58% | 0.354% |
| 244    | 15.398 | 15.378 | 15.407 | VV | 34874  | 593938  | 7.47%  | 0.170% |
| 245    | 15.416 | 15.407 | 15.491 | VV | 34383  | 1545868 | 19.43% | 0.442% |
| 246    | 15.500 | 15.491 | 15.516 | VV | 28134  | 411834  | 5.18%  | 0.118% |

| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 247    | 15.534 | 15.516 | 15.568 | VV | 29006 | 841601  | 10.58% | 0.241% |
| 248    | 15.587 | 15.568 | 15.618 | VV | 29367 | 827369  | 10.40% | 0.236% |
| 249    | 15.625 | 15.618 | 15.658 | VV | 27913 | 628143  | 7.90%  | 0.180% |
| 250    | 15.670 | 15.658 | 15.688 | VV | 24018 | 423257  | 5.32%  | 0.121% |
| 251    | 15.696 | 15.688 | 15.725 | VV | 23425 | 500936  | 6.30%  | 0.143% |
| 252    | 15.752 | 15.725 | 15.801 | VV | 27583 | 1080450 | 13.58% | 0.309% |
| 253    | 15.817 | 15.801 | 15.838 | VV | 22527 | 478482  | 6.01%  | 0.137% |
| 254    | 15.848 | 15.838 | 15.878 | VV | 21321 | 490808  | 6.17%  | 0.140% |
| 255    | 15.896 | 15.878 | 15.910 | VV | 22588 | 413666  | 5.20%  | 0.118% |
| 256    | 15.922 | 15.910 | 15.981 | VV | 22730 | 827669  | 10.40% | 0.237% |
| 257    | 16.005 | 15.981 | 16.031 | VV | 17854 | 506405  | 6.37%  | 0.145% |
| 258    | 16.063 | 16.031 | 16.085 | VV | 17126 | 533404  | 6.70%  | 0.152% |
| 259    | 16.096 | 16.085 | 16.115 | VV | 15499 | 271549  | 3.41%  | 0.078% |
| 260    | 16.142 | 16.115 | 16.161 | VV | 15863 | 423410  | 5.32%  | 0.121% |
| 261    | 16.168 | 16.161 | 16.214 | VV | 15359 | 450609  | 5.66%  | 0.129% |
| 262    | 16.245 | 16.214 | 16.274 | VV | 13988 | 483760  | 6.08%  | 0.138% |
| 263    | 16.301 | 16.274 | 16.335 | VV | 13336 | 456565  | 5.74%  | 0.130% |
| 264    | 16.362 | 16.335 | 16.464 | VV | 12587 | 815912  | 10.26% | 0.233% |
| 265    | 16.483 | 16.464 | 16.508 | VV | 9850  | 240421  | 3.02%  | 0.069% |
| 266    | 16.533 | 16.508 | 16.556 | VV | 13265 | 315267  | 3.96%  | 0.090% |
| 267    | 16.574 | 16.556 | 16.585 | VV | 9404  | 153420  | 1.93%  | 0.044% |
| 268    | 16.591 | 16.585 | 16.617 | VV | 8775  | 154934  | 1.95%  | 0.044% |
| 269    | 16.628 | 16.617 | 16.651 | VV | 7572  | 146148  | 1.84%  | 0.042% |
| 270    | 16.657 | 16.651 | 16.666 | VV | 6981  | 58953   | 0.74%  | 0.017% |
| 271    | 16.692 | 16.666 | 16.714 | VV | 7038  | 196831  | 2.47%  | 0.056% |
| 272    | 16.737 | 16.714 | 16.783 | VV | 7920  | 275587  | 3.46%  | 0.079% |
| 273    | 16.807 | 16.783 | 16.838 | VV | 5618  | 174344  | 2.19%  | 0.050% |
| 274    | 16.844 | 16.838 | 16.881 | VV | 5146  | 123713  | 1.56%  | 0.035% |
| 275    | 16.899 | 16.881 | 16.955 | VV | 4834  | 187116  | 2.35%  | 0.053% |
| 276    | 16.981 | 16.955 | 17.009 | VV | 7148  | 161617  | 2.03%  | 0.046% |
| 277    | 17.017 | 17.009 | 17.031 | VV | 3579  | 45642   | 0.57%  | 0.013% |
| 278    | 17.045 | 17.031 | 17.060 | VV | 3553  | 57242   | 0.72%  | 0.016% |
| 279    | 17.079 | 17.060 | 17.089 | VV | 3538  | 56271   | 0.71%  | 0.016% |
| 280    | 17.097 | 17.089 | 17.191 | VV | 3282  | 154263  | 1.94%  | 0.044% |
| 281    | 17.205 | 17.191 | 17.262 | VV | 1944  | 72578   | 0.91%  | 0.021% |
| 282    | 17.273 | 17.262 | 17.298 | VV | 1519  | 31998   | 0.40%  | 0.009% |
| 283    | 17.302 | 17.298 | 17.325 | VV | 1746  | 22223   | 0.28%  | 0.006% |
| 284    | 17.366 | 17.325 | 17.385 | VV | 2028  | 55299   | 0.70%  | 0.016% |
| 285    | 17.417 | 17.385 | 17.471 | VV | 4414  | 97546   | 1.23%  | 0.028% |
| 286    | 17.480 | 17.471 | 17.485 | VV | 776   | 5767    | 0.07%  | 0.002% |
| 287    | 17.492 | 17.485 | 17.498 | VV | 860   | 5747    | 0.07%  | 0.002% |
| 288    | 17.517 | 17.498 | 17.537 | VV | 1508  | 25283   | 0.32%  | 0.007% |
| 289    | 17.549 | 17.537 | 17.568 | VV | 1121  | 16262   | 0.20%  | 0.005% |
| 290    | 17.577 | 17.568 | 17.610 | VV | 646   | 11371   | 0.14%  | 0.003% |
| 291    | 17.629 | 17.610 | 17.652 | VV | 464   | 8501    | 0.11%  | 0.002% |
| 292    | 17.695 | 17.652 | 17.744 | VV | 1116  | 35233   | 0.44%  | 0.010% |
| 293    | 17.786 | 17.744 | 17.805 | VV | 868   | 23228   | 0.29%  | 0.007% |
| 294    | 17.840 | 17.805 | 17.865 | VV | 4022  | 63807   | 0.80%  | 0.018% |
| 295    | 17.889 | 17.865 | 17.933 | VV | 979   | 22915   | 0.29%  | 0.007% |
| 296    | 17.944 | 17.933 | 17.967 | VV | 405   | 4713    | 0.06%  | 0.001% |
| 297    | 17.979 | 17.967 | 18.005 | PV | 282   | 4214    | 0.05%  | 0.001% |
| 298    | 18.075 | 18.005 | 18.083 | PV | 153   | 5495    | 0.07%  | 0.002% |
| 299    | 18.116 | 18.083 | 18.135 | VV | 345   | 6338    | 0.08%  | 0.002% |

Instrument :  
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|-----|--------|--------|--------|----|-------------------------|--------|-----------|--------|--|
|     |        |        |        |    | rters                   |        |           |        |  |
| 300 | 18.151 | 18.135 | 18.168 | VV | 201                     | 2243   | 0.03%     | 0.001% |  |
| 301 | 18.246 | 18.168 | 18.291 | PV | 3254                    | 67802  | 0.85%     | 0.019% |  |
| 302 | 18.357 | 18.291 | 18.369 | VV | 320                     | 13160  | 0.17%     | 0.004% |  |
| 303 | 18.374 | 18.369 | 18.388 | VV | 208                     | 1498   | 0.02%     | 0.000% |  |
| 304 | 18.642 | 18.388 | 18.677 | PV | 2413                    | 41235  | 0.52%     | 0.012% |  |
| 305 | 18.708 | 18.677 | 18.724 | VV | 298                     | 4960   | 0.06%     | 0.001% |  |
| 306 | 18.820 | 18.724 | 18.855 | PV | 972                     | 27536  | 0.35%     | 0.008% |  |
| 307 | 18.924 | 18.855 | 18.940 | VV | 273                     | 13083  | 0.16%     | 0.004% |  |
| 308 | 19.028 | 18.940 | 19.061 | VV | 2030                    | 37145  | 0.47%     | 0.011% |  |
| 309 | 19.069 | 19.061 | 19.085 | VV | 309                     | 2610   | 0.03%     | 0.001% |  |
| 310 | 19.102 | 19.085 | 19.115 | VV | 290                     | 2687   | 0.03%     | 0.001% |  |
| 311 | 19.330 | 19.115 | 19.354 | PV | 2284                    | 106654 | 1.34%     | 0.030% |  |
| 312 | 19.402 | 19.354 | 19.428 | VV | 2589                    | 76695  | 0.96%     | 0.022% |  |
| 313 | 19.769 | 19.428 | 19.786 | VV | 5140                    | 588920 | 7.40%     | 0.168% |  |
| 314 | 19.817 | 19.786 | 19.841 | VV | 5781                    | 165317 | 2.08%     | 0.047% |  |
| 315 | 20.029 | 19.841 | 20.036 | VV | 6458                    | 661007 | 8.31%     | 0.189% |  |
| 316 | 20.118 | 20.036 | 20.141 | VV | 7963                    | 444699 | 5.59%     | 0.127% |  |
| 317 | 20.284 | 20.141 | 20.308 | VV | 11477                   | 886701 | 11.15%    | 0.253% |  |
|     |        |        |        |    | Sum of corrected areas: |        | 349866936 |        |  |

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