

Instrument :  
FID\_D  
ClientSampleId :

rteres

# Area Percent Report

Manual Integrations  
APPROVED

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Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD052819AL\  
Data File : FD029260.D  
Signal(s) : FID2B.CH  
Acq On : 28 May 2019 12:45  
Sample : K3041-03  
Misc :  
ALS Vial : 57 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 051619.M  
Title : GC Extractables

Signal : FID2B.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         | 3.420       | 3.355        | 3.501      | BV       | 1324           | 12108        | 0.36%          | 0.008%        |
| 2         | 3.528       | 3.511        | 3.590      | PV       | 216            | 6184         | 0.19%          | 0.004%        |
| 3         | 3.617       | 3.590        | 3.630      | VV       | 282            | 3467         | 0.10%          | 0.002%        |
| 4         | 3.640       | 3.630        | 3.660      | VV       | 178            | 2291         | 0.07%          | 0.001%        |
| 5         | 3.694       | 3.672        | 3.711      | VV       | 364            | 4780         | 0.14%          | 0.003%        |
| 6         | 3.725       | 3.711        | 3.751      | VV       | 797            | 9474         | 0.28%          | 0.006%        |
| 7         | 3.762       | 3.751        | 3.780      | VV       | 341            | 3342         | 0.10%          | 0.002%        |
| 8         | 3.799       | 3.780        | 3.811      | VV       | 369            | 5077         | 0.15%          | 0.003%        |
| 9         | 3.832       | 3.811        | 3.861      | VV       | 388            | 7195         | 0.22%          | 0.005%        |
| 10        | 3.868       | 3.861        | 3.901      | VV       | 255            | 3855         | 0.12%          | 0.003%        |
| 11        | 3.921       | 3.901        | 3.952      | VV       | 505            | 7556         | 0.23%          | 0.005%        |
| 12        | 3.969       | 3.952        | 3.986      | VV       | 361            | 3717         | 0.11%          | 0.002%        |
| 13        | 4.005       | 3.986        | 4.054      | VV       | 498            | 10719        | 0.32%          | 0.007%        |
| 14        | 4.075       | 4.054        | 4.111      | VV       | 1795           | 21888        | 0.66%          | 0.014%        |
| 15        | 4.121       | 4.111        | 4.159      | VV       | 546            | 9653         | 0.29%          | 0.006%        |
| 16        | 4.167       | 4.159        | 4.175      | VV       | 277            | 2504         | 0.08%          | 0.002%        |
| 17        | 4.190       | 4.175        | 4.218      | VV       | 581            | 6578         | 0.20%          | 0.004%        |
| 18        | 4.262       | 4.218        | 4.291      | VV       | 840            | 18252        | 0.55%          | 0.012%        |
| 19        | 4.299       | 4.291        | 4.401      | VV       | 553            | 20599        | 0.62%          | 0.013%        |
| 20        | 4.418       | 4.401        | 4.435      | VV       | 355            | 5484         | 0.16%          | 0.004%        |
| 21        | 4.493       | 4.435        | 4.515      | VV       | 2471           | 32791        | 0.98%          | 0.021%        |
| 22        | 4.541       | 4.515        | 4.551      | VV       | 577            | 8543         | 0.26%          | 0.006%        |
| 23        | 4.565       | 4.551        | 4.577      | VV       | 524            | 6116         | 0.18%          | 0.004%        |
| 24        | 4.600       | 4.577        | 4.629      | VV       | 6506           | 60874        | 1.82%          | 0.040%        |
| 25        | 4.647       | 4.629        | 4.677      | VV       | 641            | 9275         | 0.28%          | 0.006%        |
| 26        | 4.698       | 4.677        | 4.731      | VV       | 3712           | 39804        | 1.19%          | 0.026%        |
| 27        | 4.748       | 4.731        | 4.768      | VV       | 622            | 8331         | 0.25%          | 0.005%        |
| 28        | 4.782       | 4.768        | 4.792      | VV       | 404            | 4231         | 0.13%          | 0.003%        |
| 29        | 4.801       | 4.792        | 4.812      | VV       | 289            | 3247         | 0.10%          | 0.002%        |
| 30        | 4.827       | 4.812        | 4.855      | VV       | 421            | 6673         | 0.20%          | 0.004%        |
| 31        | 4.869       | 4.855        | 4.889      | VV       | 469            | 6619         | 0.20%          | 0.004%        |
| 32        | 4.911       | 4.889        | 4.934      | VV       | 446            | 8263         | 0.25%          | 0.005%        |
| 33        | 4.948       | 4.934        | 4.961      | VV       | 488            | 4329         | 0.13%          | 0.003%        |
| 34        | 4.974       | 4.961        | 4.995      | VV       | 410            | 5374         | 0.16%          | 0.004%        |
| 35        | 5.029       | 4.995        | 5.080      | VV       | 5962           | 61518        | 1.84%          | 0.040%        |
| 36        | 5.129       | 5.080        | 5.161      | VV       | 621            | 17528        | 0.53%          | 0.011%        |

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|    |       |       |       |    | retention |        |       |        |  |
|----|-------|-------|-------|----|-----------|--------|-------|--------|--|
| 37 | 5.174 | 5.161 | 5.205 | VV | 500       | 9742   | 0.29% | 0.006% |  |
| 38 | 5.236 | 5.205 | 5.280 | VV | 763       | 16882  | 0.51% | 0.011% |  |
| 39 | 5.351 | 5.280 | 5.395 | PV | 680       | 22262  | 0.67% | 0.015% |  |
| 40 | 5.404 | 5.395 | 5.415 | VV | 311       | 3163   | 0.09% | 0.002% |  |
| 41 | 5.427 | 5.415 | 5.443 | VV | 452       | 5412   | 0.16% | 0.004% |  |
| 42 | 5.461 | 5.443 | 5.475 | VV | 327       | 4625   | 0.14% | 0.003% |  |
| 43 | 5.488 | 5.475 | 5.508 | VV | 301       | 4724   | 0.14% | 0.003% |  |
| 44 | 5.529 | 5.508 | 5.550 | VV | 3443      | 35202  | 1.05% | 0.023% |  |
| 45 | 5.565 | 5.550 | 5.588 | VV | 688       | 9496   | 0.28% | 0.006% |  |
| 46 | 5.603 | 5.588 | 5.618 | VV | 268       | 3304   | 0.10% | 0.002% |  |
| 47 | 5.626 | 5.618 | 5.645 | VV | 237       | 3389   | 0.10% | 0.002% |  |
| 48 | 5.654 | 5.645 | 5.678 | VV | 307       | 3251   | 0.10% | 0.002% |  |
| 49 | 5.719 | 5.678 | 5.737 | VV | 742       | 12467  | 0.37% | 0.008% |  |
| 50 | 5.752 | 5.737 | 5.765 | VV | 275       | 3725   | 0.11% | 0.002% |  |
| 51 | 5.778 | 5.765 | 5.801 | VV | 352       | 5165   | 0.15% | 0.003% |  |
| 52 | 5.831 | 5.801 | 5.857 | VV | 1124      | 19326  | 0.58% | 0.013% |  |
| 53 | 5.877 | 5.857 | 5.892 | VV | 522       | 7026   | 0.21% | 0.005% |  |
| 54 | 5.903 | 5.892 | 5.917 | VV | 364       | 3868   | 0.12% | 0.003% |  |
| 55 | 5.955 | 5.917 | 5.969 | VV | 482       | 10532  | 0.32% | 0.007% |  |
| 56 | 5.986 | 5.969 | 6.008 | VV | 525       | 7662   | 0.23% | 0.005% |  |
| 57 | 6.033 | 6.008 | 6.054 | VV | 659       | 10927  | 0.33% | 0.007% |  |
| 58 | 6.084 | 6.054 | 6.117 | VV | 12148     | 120632 | 3.61% | 0.079% |  |
| 59 | 6.129 | 6.117 | 6.148 | VV | 738       | 9051   | 0.27% | 0.006% |  |
| 60 | 6.173 | 6.148 | 6.199 | VV | 746       | 17251  | 0.52% | 0.011% |  |
| 61 | 6.221 | 6.199 | 6.246 | VV | 1641      | 22908  | 0.69% | 0.015% |  |
| 62 | 6.255 | 6.246 | 6.266 | VV | 296       | 3398   | 0.10% | 0.002% |  |
| 63 | 6.354 | 6.266 | 6.375 | VV | 876       | 24365  | 0.73% | 0.016% |  |
| 64 | 6.392 | 6.375 | 6.411 | VV | 614       | 7387   | 0.22% | 0.005% |  |
| 65 | 6.443 | 6.411 | 6.455 | VV | 676       | 12168  | 0.36% | 0.008% |  |
| 66 | 6.470 | 6.455 | 6.482 | VV | 567       | 7767   | 0.23% | 0.005% |  |
| 67 | 6.508 | 6.482 | 6.560 | VV | 3915      | 49056  | 1.47% | 0.032% |  |
| 68 | 6.593 | 6.560 | 6.600 | VV | 229       | 4101   | 0.12% | 0.003% |  |
| 69 | 6.657 | 6.600 | 6.681 | VV | 1448      | 25890  | 0.78% | 0.017% |  |
| 70 | 6.706 | 6.681 | 6.725 | VV | 830       | 13873  | 0.42% | 0.009% |  |
| 71 | 6.736 | 6.725 | 6.757 | VV | 391       | 5354   | 0.16% | 0.003% |  |
| 72 | 6.788 | 6.757 | 6.814 | PV | 668       | 13769  | 0.41% | 0.009% |  |
| 73 | 6.834 | 6.814 | 6.860 | VV | 988       | 15604  | 0.47% | 0.010% |  |
| 74 | 6.883 | 6.860 | 6.901 | VV | 614       | 10077  | 0.30% | 0.007% |  |
| 75 | 6.913 | 6.901 | 6.935 | VV | 523       | 7556   | 0.23% | 0.005% |  |
| 76 | 6.964 | 6.935 | 6.994 | VV | 754       | 17889  | 0.54% | 0.012% |  |
| 77 | 7.013 | 6.994 | 7.025 | VV | 1051      | 12898  | 0.39% | 0.008% |  |
| 78 | 7.036 | 7.025 | 7.051 | VV | 821       | 9992   | 0.30% | 0.007% |  |
| 79 | 7.068 | 7.051 | 7.098 | VV | 1176      | 18896  | 0.57% | 0.012% |  |
| 80 | 7.135 | 7.098 | 7.154 | VV | 1978      | 31185  | 0.93% | 0.020% |  |
| 81 | 7.169 | 7.154 | 7.190 | VV | 851       | 11710  | 0.35% | 0.008% |  |
| 82 | 7.209 | 7.190 | 7.251 | VV | 2019      | 34290  | 1.03% | 0.022% |  |
| 83 | 7.270 | 7.251 | 7.288 | VV | 1602      | 18162  | 0.54% | 0.012% |  |
| 84 | 7.311 | 7.288 | 7.349 | VV | 934       | 15588  | 0.47% | 0.010% |  |
| 85 | 7.358 | 7.349 | 7.375 | VV | 382       | 2768   | 0.08% | 0.002% |  |
| 86 | 7.429 | 7.375 | 7.465 | PV | 3992      | 55850  | 1.67% | 0.036% |  |
| 87 | 7.485 | 7.465 | 7.501 | VV | 620       | 9995   | 0.30% | 0.007% |  |
| 88 | 7.602 | 7.501 | 7.631 | VV | 1217      | 55824  | 1.67% | 0.036% |  |
| 89 | 7.648 | 7.631 | 7.675 | VV | 656       | 9925   | 0.30% | 0.006% |  |

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|     |        |        |        |    | rt    | Area   | %Area | %Area  |
|-----|--------|--------|--------|----|-------|--------|-------|--------|
| 90  | 7.691  | 7.675  | 7.704  | VV | 481   | 6038   | 0.18% | 0.004% |
| 91  | 7.813  | 7.796  | 7.828  | VV | 1840  | 25777  | 0.77% | 0.017% |
| 92  | 7.855  | 7.828  | 7.893  | VV | 1832  | 49926  | 1.50% | 0.033% |
| 93  | 7.906  | 7.893  | 7.928  | VV | 929   | 15162  | 0.45% | 0.010% |
| 94  | 7.948  | 7.928  | 7.966  | VV | 856   | 14483  | 0.43% | 0.009% |
| 95  | 8.001  | 7.966  | 8.031  | VV | 1319  | 38561  | 1.16% | 0.025% |
| 96  | 8.048  | 8.031  | 8.071  | VV | 1431  | 25704  | 0.77% | 0.017% |
| 97  | 8.085  | 8.071  | 8.095  | VV | 891   | 11010  | 0.33% | 0.007% |
| 98  | 8.119  | 8.095  | 8.138  | VV | 3754  | 53283  | 1.60% | 0.035% |
| 99  | 8.150  | 8.138  | 8.165  | VV | 1251  | 18142  | 0.54% | 0.012% |
| 100 | 8.179  | 8.165  | 8.195  | VV | 1218  | 19845  | 0.59% | 0.013% |
| 101 | 8.228  | 8.195  | 8.244  | VV | 2560  | 48448  | 1.45% | 0.032% |
| 102 | 8.258  | 8.244  | 8.271  | VV | 1880  | 25147  | 0.75% | 0.016% |
| 103 | 8.296  | 8.271  | 8.326  | VV | 4684  | 73831  | 2.21% | 0.048% |
| 104 | 8.357  | 8.326  | 8.395  | VV | 15627 | 196648 | 5.89% | 0.128% |
| 105 | 8.413  | 8.395  | 8.432  | VV | 3334  | 51201  | 1.53% | 0.033% |
| 106 | 8.467  | 8.432  | 8.506  | VV | 2631  | 76644  | 2.30% | 0.050% |
| 107 | 8.521  | 8.506  | 8.557  | VV | 1854  | 41474  | 1.24% | 0.027% |
| 108 | 8.655  | 8.638  | 8.673  | VV | 3455  | 53795  | 1.61% | 0.035% |
| 109 | 8.708  | 8.673  | 8.732  | VV | 4946  | 94365  | 2.83% | 0.062% |
| 110 | 8.761  | 8.732  | 8.781  | VV | 3363  | 67798  | 2.03% | 0.044% |
| 111 | 8.830  | 8.781  | 8.853  | VV | 6341  | 136739 | 4.10% | 0.089% |
| 112 | 8.870  | 8.853  | 8.895  | VV | 2449  | 51787  | 1.55% | 0.034% |
| 113 | 8.914  | 8.895  | 8.928  | VV | 2432  | 38438  | 1.15% | 0.025% |
| 114 | 8.950  | 8.928  | 8.962  | VV | 2918  | 49844  | 1.49% | 0.033% |
| 115 | 8.978  | 8.962  | 8.996  | VV | 4437  | 67461  | 2.02% | 0.044% |
| 116 | 9.011  | 8.996  | 9.037  | VV | 3153  | 67271  | 2.02% | 0.044% |
| 117 | 9.065  | 9.037  | 9.087  | VV | 3529  | 83031  | 2.49% | 0.054% |
| 118 | 9.114  | 9.087  | 9.141  | VV | 6108  | 121659 | 3.64% | 0.079% |
| 119 | 9.154  | 9.141  | 9.180  | VV | 3699  | 70149  | 2.10% | 0.046% |
| 120 | 9.198  | 9.180  | 9.226  | VV | 3415  | 74574  | 2.23% | 0.049% |
| 121 | 9.269  | 9.226  | 9.284  | VV | 3372  | 93502  | 2.80% | 0.061% |
| 122 | 9.299  | 9.284  | 9.334  | VV | 3737  | 90602  | 2.71% | 0.059% |
| 123 | 9.351  | 9.334  | 9.384  | VV | 3473  | 86857  | 2.60% | 0.057% |
| 124 | 9.405  | 9.384  | 9.427  | VV | 4247  | 85793  | 2.57% | 0.056% |
| 125 | 9.444  | 9.427  | 9.462  | VV | 3413  | 61785  | 1.85% | 0.040% |
| 126 | 9.487  | 9.462  | 9.505  | VV | 9073  | 136146 | 4.08% | 0.089% |
| 127 | 9.514  | 9.505  | 9.541  | VV | 4747  | 86117  | 2.58% | 0.056% |
| 128 | 9.566  | 9.541  | 9.593  | VV | 5318  | 127897 | 3.83% | 0.083% |
| 129 | 9.605  | 9.593  | 9.618  | VV | 3829  | 55422  | 1.66% | 0.036% |
| 130 | 9.639  | 9.618  | 9.656  | VV | 4526  | 95821  | 2.87% | 0.063% |
| 131 | 9.666  | 9.656  | 9.704  | VV | 4358  | 102771 | 3.08% | 0.067% |
| 132 | 9.732  | 9.704  | 9.756  | VV | 3596  | 105857 | 3.17% | 0.069% |
| 133 | 9.771  | 9.756  | 9.780  | VV | 3331  | 45253  | 1.36% | 0.030% |
| 134 | 9.807  | 9.780  | 9.823  | VV | 5451  | 110037 | 3.30% | 0.072% |
| 135 | 9.862  | 9.823  | 9.876  | VV | 5490  | 158619 | 4.75% | 0.103% |
| 136 | 9.892  | 9.876  | 9.938  | VV | 6816  | 205583 | 6.16% | 0.134% |
| 137 | 9.949  | 9.938  | 9.962  | VV | 4877  | 69006  | 2.07% | 0.045% |
| 138 | 9.995  | 9.962  | 10.035 | VV | 5242  | 197089 | 5.90% | 0.129% |
| 139 | 10.066 | 10.035 | 10.081 | VV | 5277  | 130017 | 3.89% | 0.085% |
| 140 | 10.100 | 10.081 | 10.114 | VV | 5169  | 95103  | 2.85% | 0.062% |
| 141 | 10.134 | 10.114 | 10.148 | VV | 5093  | 99999  | 3.00% | 0.065% |

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|-----|--------|--------|--------|----|--------|---------|---------|--------|
| 142 | 10.168 | 10.148 | 10.188 | VV | 5829   | 118205  | 3.54%   | 0.077% |
| 143 | 10.231 | 10.188 | 10.251 | VV | 6283   | 204257  | 6.12%   | 0.133% |
| 144 | 10.276 | 10.251 | 10.305 | VV | 13054  | 263160  | 7.88%   | 0.172% |
| 145 | 10.338 | 10.305 | 10.347 | VV | 7227   | 163043  | 4.88%   | 0.106% |
| 146 | 10.362 | 10.347 | 10.389 | VV | 8217   | 180683  | 5.41%   | 0.118% |
| 147 | 10.404 | 10.389 | 10.416 | VV | 7510   | 111623  | 3.34%   | 0.073% |
| 148 | 10.427 | 10.416 | 10.451 | VV | 7317   | 138411  | 4.15%   | 0.090% |
| 149 | 10.479 | 10.451 | 10.507 | VV | 7346   | 216557  | 6.49%   | 0.141% |
| 150 | 10.536 | 10.507 | 10.544 | VV | 8209   | 170517  | 5.11%   | 0.111% |
| 151 | 10.557 | 10.544 | 10.590 | VV | 8300   | 209865  | 6.29%   | 0.137% |
| 152 | 10.625 | 10.590 | 10.664 | VV | 11342  | 396714  | 11.88%  | 0.259% |
| 153 | 10.694 | 10.664 | 10.728 | VV | 17701  | 452542  | 13.56%  | 0.295% |
| 154 | 10.742 | 10.728 | 10.770 | VV | 9015   | 216852  | 6.50%   | 0.141% |
| 155 | 10.838 | 10.770 | 10.854 | VV | 8894   | 420337  | 12.59%  | 0.274% |
| 156 | 10.882 | 10.854 | 10.928 | VV | 32451  | 634481  | 19.01%  | 0.414% |
| 157 | 10.956 | 10.928 | 10.976 | VV | 17550  | 334285  | 10.01%  | 0.218% |
| 158 | 10.984 | 10.976 | 10.997 | VV | 9880   | 124173  | 3.72%   | 0.081% |
| 159 | 11.017 | 10.997 | 11.074 | VV | 10890  | 432764  | 12.96%  | 0.282% |
| 160 | 11.108 | 11.074 | 11.137 | VV | 9853   | 352670  | 10.56%  | 0.230% |
| 161 | 11.186 | 11.137 | 11.210 | VV | 12743  | 490890  | 14.71%  | 0.320% |
| 162 | 11.236 | 11.210 | 11.251 | VV | 11574  | 268002  | 8.03%   | 0.175% |
| 163 | 11.269 | 11.251 | 11.281 | VV | 11824  | 211555  | 6.34%   | 0.138% |
| 164 | 11.293 | 11.281 | 11.297 | VV | 11706  | 109451  | 3.28%   | 0.071% |
| 165 | 11.321 | 11.297 | 11.337 | VV | 13204  | 288646  | 8.65%   | 0.188% |
| 166 | 11.352 | 11.337 | 11.385 | VV | 12254  | 328541  | 9.84%   | 0.214% |
| 167 | 11.413 | 11.385 | 11.450 | VV | 19694  | 556384  | 16.67%  | 0.363% |
| 168 | 11.477 | 11.450 | 11.503 | VV | 14003  | 392202  | 11.75%  | 0.256% |
| 169 | 11.524 | 11.503 | 11.553 | VV | 12758  | 359055  | 10.76%  | 0.234% |
| 170 | 11.573 | 11.553 | 11.597 | VV | 13321  | 324308  | 9.72%   | 0.212% |
| 171 | 11.648 | 11.597 | 11.696 | VV | 258619 | 3338112 | 100.00% | 2.178% |
| 172 | 11.712 | 11.696 | 11.751 | VV | 17327  | 468143  | 14.02%  | 0.305% |
| 173 | 11.797 | 11.751 | 11.812 | VV | 17725  | 555025  | 16.63%  | 0.362% |
| 174 | 11.832 | 11.812 | 11.846 | VV | 18516  | 338734  | 10.15%  | 0.221% |
| 175 | 11.863 | 11.846 | 11.907 | VV | 18039  | 580925  | 17.40%  | 0.379% |
| 176 | 11.974 | 11.907 | 12.007 | VV | 20043  | 996926  | 29.86%  | 0.650% |
| 177 | 12.018 | 12.007 | 12.043 | VV | 16214  | 340981  | 10.21%  | 0.222% |
| 178 | 12.092 | 12.043 | 12.104 | VV | 16182  | 568802  | 17.04%  | 0.371% |
| 179 | 12.126 | 12.104 | 12.141 | VV | 18013  | 369596  | 11.07%  | 0.241% |
| 180 | 12.158 | 12.141 | 12.172 | VV | 17211  | 318959  | 9.56%   | 0.208% |
| 181 | 12.188 | 12.172 | 12.203 | VV | 17567  | 307914  | 9.22%   | 0.201% |
| 182 | 12.230 | 12.203 | 12.254 | VV | 17683  | 520758  | 15.60%  | 0.340% |
| 183 | 12.288 | 12.254 | 12.320 | VV | 18103  | 682764  | 20.45%  | 0.445% |
| 184 | 12.332 | 12.320 | 12.341 | VV | 16778  | 201729  | 6.04%   | 0.132% |
| 185 | 12.421 | 12.341 | 12.439 | VV | 20020  | 1070911 | 32.08%  | 0.699% |
| 186 | 12.462 | 12.439 | 12.478 | VV | 21712  | 472541  | 14.16%  | 0.308% |
| 187 | 12.489 | 12.478 | 12.525 | VV | 21177  | 557453  | 16.70%  | 0.364% |
| 188 | 12.575 | 12.525 | 12.606 | VV | 26512  | 1075598 | 32.22%  | 0.702% |
| 189 | 12.626 | 12.606 | 12.662 | VV | 21928  | 689683  | 20.66%  | 0.450% |
| 190 | 12.693 | 12.662 | 12.731 | VV | 53551  | 1174878 | 35.20%  | 0.767% |
| 191 | 12.752 | 12.731 | 12.794 | VV | 21202  | 762804  | 22.85%  | 0.498% |
| 192 | 12.821 | 12.794 | 12.838 | VV | 20564  | 522825  | 15.66%  | 0.341% |
| 193 | 12.848 | 12.838 | 12.866 | VV | 20304  | 334540  | 10.02%  | 0.218% |
| 194 | 12.903 | 12.866 | 12.920 | VV | 20903  | 656433  | 19.66%  | 0.428% |

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| rteres |        |        |        |    |        |         |        |        |
|--------|--------|--------|--------|----|--------|---------|--------|--------|
| 195    | 12.939 | 12.920 | 12.968 | VV | 20763  | 584460  | 17.51% | 0.381% |
| 196    | 12.990 | 12.968 | 13.011 | VV | 47451  | 811789  | 24.32% | 0.530% |
| 197    | 13.022 | 13.011 | 13.034 | VV | 24808  | 323458  | 9.69%  | 0.211% |
| 198    | 13.070 | 13.034 | 13.102 | VV | 208963 | 3060103 | 91.67% | 1.997% |
| 199    | 13.121 | 13.102 | 13.145 | VV | 25776  | 608591  | 18.23% | 0.397% |
| 200    | 13.167 | 13.145 | 13.218 | VV | 24248  | 1018733 | 30.52% | 0.665% |
| 201    | 13.261 | 13.218 | 13.301 | VV | 23694  | 1128712 | 33.81% | 0.736% |
| 202    | 13.324 | 13.301 | 13.358 | VV | 24168  | 795799  | 23.84% | 0.519% |
| 203    | 13.382 | 13.358 | 13.395 | VV | 24146  | 505362  | 15.14% | 0.330% |
| 204    | 13.411 | 13.395 | 13.427 | VV | 24750  | 456488  | 13.68% | 0.298% |
| 205    | 13.454 | 13.427 | 13.485 | VV | 26916  | 862965  | 25.85% | 0.563% |
| 206    | 13.502 | 13.485 | 13.524 | VV | 24063  | 540374  | 16.19% | 0.353% |
| 207    | 13.574 | 13.524 | 13.598 | VV | 32802  | 1186588 | 35.55% | 0.774% |
| 208    | 13.611 | 13.598 | 13.628 | VV | 24409  | 426011  | 12.76% | 0.278% |
| 209    | 13.680 | 13.628 | 13.703 | VV | 30969  | 1205700 | 36.12% | 0.787% |
| 210    | 13.723 | 13.703 | 13.784 | VV | 28478  | 1273554 | 38.15% | 0.831% |
| 211    | 13.808 | 13.784 | 13.822 | VV | 27302  | 601104  | 18.01% | 0.392% |
| 212    | 13.850 | 13.822 | 13.874 | VV | 27697  | 818810  | 24.53% | 0.534% |
| 213    | 13.894 | 13.874 | 13.916 | VV | 28351  | 671288  | 20.11% | 0.438% |
| 214    | 13.960 | 13.916 | 13.985 | VV | 26581  | 1058995 | 31.72% | 0.691% |
| 215    | 13.995 | 13.985 | 14.008 | VV | 25214  | 343460  | 10.29% | 0.224% |
| 216    | 14.051 | 14.008 | 14.075 | VV | 28300  | 1070171 | 32.06% | 0.698% |
| 217    | 14.125 | 14.075 | 14.142 | VV | 28857  | 1091400 | 32.70% | 0.712% |
| 218    | 14.156 | 14.142 | 14.170 | VV | 27717  | 441907  | 13.24% | 0.288% |
| 219    | 14.200 | 14.170 | 14.236 | VV | 28903  | 1092617 | 32.73% | 0.713% |
| 220    | 14.284 | 14.236 | 14.325 | VV | 30153  | 1500312 | 44.94% | 0.979% |
| 221    | 14.337 | 14.325 | 14.353 | VV | 27650  | 451240  | 13.52% | 0.294% |
| 222    | 14.374 | 14.353 | 14.395 | VV | 29686  | 705205  | 21.13% | 0.460% |
| 223    | 14.408 | 14.395 | 14.420 | VV | 28282  | 421860  | 12.64% | 0.275% |
| 224    | 14.445 | 14.420 | 14.461 | VV | 28714  | 685594  | 20.54% | 0.447% |
| 225    | 14.486 | 14.461 | 14.527 | VV | 30596  | 1168718 | 35.01% | 0.763% |
| 226    | 14.545 | 14.527 | 14.571 | VV | 31606  | 782037  | 23.43% | 0.510% |
| 227    | 14.590 | 14.571 | 14.621 | VV | 28413  | 829387  | 24.85% | 0.541% |
| 228    | 14.653 | 14.621 | 14.665 | VV | 29641  | 756756  | 22.67% | 0.494% |
| 229    | 14.678 | 14.665 | 14.711 | VV | 29577  | 777266  | 23.28% | 0.507% |
| 230    | 14.734 | 14.711 | 14.787 | VV | 28895  | 1266753 | 37.95% | 0.826% |
| 231    | 14.812 | 14.787 | 14.831 | VV | 31103  | 779790  | 23.36% | 0.509% |
| 232    | 14.855 | 14.831 | 14.875 | VV | 44224  | 921345  | 27.60% | 0.601% |
| 233    | 14.896 | 14.875 | 14.924 | VV | 42578  | 998421  | 29.91% | 0.651% |
| 234    | 14.952 | 14.924 | 14.975 | VV | 31626  | 917046  | 27.47% | 0.598% |
| 235    | 14.989 | 14.975 | 15.000 | VV | 30173  | 452057  | 13.54% | 0.295% |
| 236    | 15.017 | 15.000 | 15.038 | VV | 31080  | 674416  | 20.20% | 0.440% |
| 237    | 15.054 | 15.038 | 15.076 | VV | 32829  | 686295  | 20.56% | 0.448% |
| 238    | 15.088 | 15.076 | 15.124 | VV | 28802  | 806614  | 24.16% | 0.526% |
| 239    | 15.156 | 15.124 | 15.181 | VV | 31506  | 1039189 | 31.13% | 0.678% |
| 240    | 15.194 | 15.181 | 15.224 | VV | 30425  | 748422  | 22.42% | 0.488% |
| 241    | 15.241 | 15.224 | 15.260 | VV | 30407  | 644906  | 19.32% | 0.421% |
| 242    | 15.286 | 15.260 | 15.311 | VV | 43168  | 1041915 | 31.21% | 0.680% |
| 243    | 15.328 | 15.311 | 15.408 | VV | 30626  | 1682249 | 50.40% | 1.098% |
| 244    | 15.437 | 15.408 | 15.465 | VV | 31218  | 1024512 | 30.69% | 0.668% |
| 245    | 15.481 | 15.465 | 15.502 | VV | 31074  | 675868  | 20.25% | 0.441% |
| 246    | 15.523 | 15.502 | 15.545 | VV | 34266  | 800878  | 23.99% | 0.523% |

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| rteres |        |        |        |    |       |         |        |        |  |
|--------|--------|--------|--------|----|-------|---------|--------|--------|--|
| 247    | 15.561 | 15.545 | 15.581 | VV | 29887 | 619595  | 18.56% | 0.404% |  |
| 248    | 15.605 | 15.581 | 15.617 | VV | 28921 | 612899  | 18.36% | 0.400% |  |
| 249    | 15.639 | 15.617 | 15.647 | VV | 29636 | 513098  | 15.37% | 0.335% |  |
| 250    | 15.684 | 15.647 | 15.715 | VV | 33145 | 1266721 | 37.95% | 0.826% |  |
| 251    | 15.735 | 15.715 | 15.798 | VV | 31916 | 1494368 | 44.77% | 0.975% |  |
| 252    | 15.807 | 15.798 | 15.865 | VV | 29831 | 1165990 | 34.93% | 0.761% |  |
| 253    | 15.917 | 15.865 | 15.938 | VV | 29404 | 1265705 | 37.92% | 0.826% |  |
| 254    | 15.952 | 15.938 | 15.961 | VV | 30137 | 415001  | 12.43% | 0.271% |  |
| 255    | 15.985 | 15.961 | 16.014 | VV | 32261 | 938721  | 28.12% | 0.612% |  |
| 256    | 16.025 | 16.014 | 16.072 | VV | 27869 | 933667  | 27.97% | 0.609% |  |
| 257    | 16.118 | 16.072 | 16.141 | VV | 30825 | 1220406 | 36.56% | 0.796% |  |
| 258    | 16.157 | 16.141 | 16.188 | VV | 30569 | 823556  | 24.67% | 0.537% |  |
| 259    | 16.219 | 16.188 | 16.253 | VV | 30691 | 1138535 | 34.11% | 0.743% |  |
| 260    | 16.292 | 16.253 | 16.348 | VV | 33567 | 1716824 | 51.43% | 1.120% |  |
| 261    | 16.403 | 16.348 | 16.504 | VV | 46322 | 2873418 | 86.08% | 1.875% |  |
| 262    | 16.532 | 16.504 | 16.552 | VV | 29774 | 818296  | 24.51% | 0.534% |  |
| 263    | 16.579 | 16.552 | 16.605 | VV | 29354 | 913593  | 27.37% | 0.596% |  |
| 264    | 16.640 | 16.605 | 16.651 | VV | 28686 | 779354  | 23.35% | 0.508% |  |
| 265    | 16.677 | 16.651 | 16.692 | VV | 28803 | 705942  | 21.15% | 0.461% |  |
| 266    | 16.722 | 16.692 | 16.752 | VV | 37908 | 1126879 | 33.76% | 0.735% |  |
| 267    | 16.778 | 16.752 | 16.808 | VV | 41268 | 1087354 | 32.57% | 0.709% |  |
| 268    | 16.822 | 16.808 | 16.831 | VV | 26641 | 368398  | 11.04% | 0.240% |  |
| 269    | 16.876 | 16.831 | 16.900 | VV | 32017 | 1159004 | 34.72% | 0.756% |  |
| 270    | 16.915 | 16.900 | 16.931 | VV | 28559 | 517444  | 15.50% | 0.338% |  |
| 271    | 16.942 | 16.931 | 16.970 | VV | 28493 | 634083  | 19.00% | 0.414% |  |
| 272    | 17.019 | 16.970 | 17.051 | VV | 28543 | 1341598 | 40.19% | 0.875% |  |
| 273    | 17.135 | 17.051 | 17.167 | VV | 28704 | 1900500 | 56.93% | 1.240% |  |
| 274    | 17.191 | 17.167 | 17.211 | VV | 28209 | 711154  | 21.30% | 0.464% |  |
| 275    | 17.227 | 17.211 | 17.255 | VV | 28582 | 697349  | 20.89% | 0.455% |  |
| 276    | 17.311 | 17.255 | 17.345 | VV | 29591 | 1409688 | 42.23% | 0.920% |  |
| 277    | 17.361 | 17.345 | 17.384 | VV | 25183 | 579511  | 17.36% | 0.378% |  |
| 278    | 17.435 | 17.384 | 17.512 | VV | 27281 | 1932797 | 57.90% | 1.261% |  |
| 279    | 17.548 | 17.512 | 17.577 | VV | 25702 | 944073  | 28.28% | 0.616% |  |
| 280    | 17.592 | 17.577 | 17.605 | VV | 23510 | 377693  | 11.31% | 0.246% |  |
| 281    | 17.616 | 17.605 | 17.651 | VV | 23942 | 645065  | 19.32% | 0.421% |  |
| 282    | 17.665 | 17.651 | 17.681 | VV | 23537 | 430341  | 12.89% | 0.281% |  |
| 283    | 17.689 | 17.681 | 17.719 | VV | 23743 | 526037  | 15.76% | 0.343% |  |
| 284    | 17.750 | 17.719 | 17.798 | VV | 26563 | 1129267 | 33.83% | 0.737% |  |
| 285    | 17.837 | 17.798 | 17.892 | VV | 25894 | 1334672 | 39.98% | 0.871% |  |
| 286    | 17.913 | 17.892 | 17.925 | VV | 23523 | 449119  | 13.45% | 0.293% |  |
| 287    | 17.954 | 17.925 | 18.000 | VV | 23947 | 1043007 | 31.25% | 0.681% |  |
| 288    | 18.046 | 18.000 | 18.067 | VV | 24327 | 926176  | 27.75% | 0.604% |  |
| 289    | 18.102 | 18.067 | 18.121 | VV | 29944 | 828699  | 24.83% | 0.541% |  |
| 290    | 18.137 | 18.121 | 18.154 | VV | 30257 | 551668  | 16.53% | 0.360% |  |
| 291    | 18.172 | 18.154 | 18.207 | VV | 26370 | 742370  | 22.24% | 0.484% |  |
| 292    | 18.229 | 18.207 | 18.238 | VV | 21794 | 399119  | 11.96% | 0.260% |  |
| 293    | 18.272 | 18.238 | 18.287 | VV | 24234 | 656823  | 19.68% | 0.429% |  |
| 294    | 18.299 | 18.287 | 18.348 | VV | 23803 | 796234  | 23.85% | 0.519% |  |
| 295    | 18.390 | 18.348 | 18.418 | VV | 28788 | 945985  | 28.34% | 0.617% |  |
| 296    | 18.442 | 18.418 | 18.451 | VV | 21691 | 419253  | 12.56% | 0.274% |  |
| 297    | 18.468 | 18.451 | 18.495 | VV | 21347 | 541259  | 16.21% | 0.353% |  |
| 298    | 18.519 | 18.495 | 18.551 | VV | 23060 | 711281  | 21.31% | 0.464% |  |
| 299    | 18.572 | 18.551 | 18.594 | VV | 23357 | 539987  | 16.18% | 0.352% |  |

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ClientSampleId :

Manual Integrations  
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| rteres |        |        |        |    |       |         |        |        |
|--------|--------|--------|--------|----|-------|---------|--------|--------|
| 300    | 18.617 | 18.594 | 18.654 | VV | 21226 | 728537  | 21.82% | 0.475% |
| 301    | 18.675 | 18.654 | 18.707 | VV | 21559 | 657220  | 19.69% | 0.429% |
| 302    | 18.729 | 18.707 | 18.769 | VV | 21790 | 776546  | 23.26% | 0.507% |
| 303    | 18.790 | 18.769 | 18.801 | VV | 20889 | 389424  | 11.67% | 0.254% |
| 304    | 18.846 | 18.801 | 18.860 | VV | 21498 | 734059  | 21.99% | 0.479% |
| 305    | 18.870 | 18.860 | 18.891 | VV | 21296 | 389283  | 11.66% | 0.254% |
| 306    | 18.924 | 18.891 | 18.934 | VV | 23614 | 568461  | 17.03% | 0.371% |
| 307    | 18.945 | 18.934 | 18.965 | VV | 24083 | 426815  | 12.79% | 0.278% |
| 308    | 18.984 | 18.965 | 19.035 | VV | 24942 | 893405  | 26.76% | 0.583% |
| 309    | 19.063 | 19.035 | 19.088 | VV | 20517 | 617699  | 18.50% | 0.403% |
| 310    | 19.118 | 19.088 | 19.151 | VV | 25050 | 788264  | 23.61% | 0.514% |
| 311    | 19.162 | 19.151 | 19.198 | VV | 18710 | 516772  | 15.48% | 0.337% |
| 312    | 19.238 | 19.198 | 19.259 | VV | 19724 | 691782  | 20.72% | 0.451% |
| 313    | 19.271 | 19.259 | 19.288 | VV | 18175 | 309277  | 9.27%  | 0.202% |
| 314    | 19.303 | 19.288 | 19.325 | VV | 17342 | 371456  | 11.13% | 0.242% |
| 315    | 19.346 | 19.325 | 19.360 | VV | 18979 | 391740  | 11.74% | 0.256% |
| 316    | 19.375 | 19.360 | 19.415 | VV | 19393 | 609820  | 18.27% | 0.398% |
| 317    | 19.420 | 19.415 | 19.434 | VV | 18212 | 206030  | 6.17%  | 0.134% |
| 318    | 19.456 | 19.434 | 19.505 | VV | 18784 | 761302  | 22.81% | 0.497% |
| 319    | 19.537 | 19.505 | 19.560 | VV | 20399 | 614487  | 18.41% | 0.401% |
| 320    | 19.609 | 19.560 | 19.626 | VV | 19134 | 725796  | 21.74% | 0.474% |
| 321    | 19.643 | 19.626 | 19.665 | VV | 19509 | 431710  | 12.93% | 0.282% |
| 322    | 19.716 | 19.665 | 19.801 | VV | 20080 | 1480173 | 44.34% | 0.966% |
| 323    | 19.809 | 19.801 | 19.843 | VV | 17226 | 419170  | 12.56% | 0.273% |
| 324    | 19.909 | 19.843 | 19.930 | VV | 19263 | 922352  | 27.63% | 0.602% |
| 325    | 19.946 | 19.930 | 19.957 | VV | 17843 | 276470  | 8.28%  | 0.180% |
| 326    | 19.976 | 19.957 | 20.011 | VV | 18149 | 572003  | 17.14% | 0.373% |
| 327    | 20.049 | 20.011 | 20.062 | VV | 17427 | 517783  | 15.51% | 0.338% |
| 328    | 20.083 | 20.062 | 20.107 | VV | 17639 | 462811  | 13.86% | 0.302% |
| 329    | 20.124 | 20.107 | 20.152 | VV | 17772 | 454074  | 13.60% | 0.296% |
| 330    | 20.181 | 20.152 | 20.198 | VV | 17354 | 468093  | 14.02% | 0.305% |
| 331    | 20.206 | 20.198 | 20.211 | VV | 16864 | 134012  | 4.01%  | 0.087% |
| 332    | 20.217 | 20.211 | 20.234 | VV | 16739 | 222023  | 6.65%  | 0.145% |
| 333    | 20.252 | 20.234 | 20.261 | VV | 17466 | 279433  | 8.37%  | 0.182% |
| 334    | 20.280 | 20.261 | 20.294 | VV | 17233 | 332307  | 9.95%  | 0.217% |
| 335    | 20.310 | 20.294 | 20.321 | VV | 17036 | 266757  | 7.99%  | 0.174% |
| 336    | 20.352 | 20.321 | 20.381 | VV | 17157 | 604124  | 18.10% | 0.394% |
| 337    | 20.420 | 20.381 | 20.431 | VV | 17028 | 503616  | 15.09% | 0.329% |
| 338    | 20.440 | 20.431 | 20.498 | VV | 16875 | 632299  | 18.94% | 0.413% |
| 339    | 20.505 | 20.498 | 20.524 | VV | 15481 | 231295  | 6.93%  | 0.151% |
| 340    | 20.542 | 20.524 | 20.552 | VV | 15164 | 257547  | 7.72%  | 0.168% |
| 341    | 20.558 | 20.552 | 20.638 | VV | 14909 | 746127  | 22.35% | 0.487% |
| 342    | 20.645 | 20.638 | 20.656 | VV | 14218 | 153175  | 4.59%  | 0.100% |
| 343    | 20.674 | 20.656 | 20.708 | VV | 13888 | 416739  | 12.48% | 0.272% |
| 344    | 20.713 | 20.708 | 20.738 | VV | 13094 | 225561  | 6.76%  | 0.147% |
| 345    | 20.748 | 20.738 | 20.756 | VV | 12783 | 137282  | 4.11%  | 0.090% |
| 346    | 20.781 | 20.756 | 20.793 | VV | 12965 | 286083  | 8.57%  | 0.187% |
| 347    | 20.808 | 20.793 | 20.855 | VV | 12862 | 446456  | 13.37% | 0.291% |
| 348    | 20.869 | 20.855 | 20.888 | VV | 11359 | 227293  | 6.81%  | 0.148% |
| 349    | 20.907 | 20.888 | 20.968 | VV | 11774 | 523679  | 15.69% | 0.342% |
| 350    | 20.985 | 20.968 | 21.002 | VV | 10466 | 208761  | 6.25%  | 0.136% |
| 351    | 21.013 | 21.002 | 21.042 | VV | 10403 | 244170  | 7.31%  | 0.159% |

|                         |        |        |        |     | rters     |        |        |        |  |
|-------------------------|--------|--------|--------|-----|-----------|--------|--------|--------|--|
| 352                     | 21.052 | 21.042 | 21.092 | VV  | 9988      | 288566 | 8.64%  | 0.188% |  |
| 353                     | 21.125 | 21.092 | 21.155 | VV  | 9924      | 353386 | 10.59% | 0.231% |  |
| 354                     | 21.187 | 21.155 | 21.237 | VV  | 9084      | 430128 | 12.89% | 0.281% |  |
| 355                     | 21.274 | 21.237 | 21.308 | VV  | 9002      | 361861 | 10.84% | 0.236% |  |
| 356                     | 21.322 | 21.308 | 21.449 | VV  | 8094      | 600947 | 18.00% | 0.392% |  |
| 357                     | 21.463 | 21.449 | 21.475 | VV  | 6550      | 101677 | 3.05%  | 0.066% |  |
| 358                     | 21.487 | 21.475 | 21.495 | VV  | 6571      | 77155  | 2.31%  | 0.050% |  |
| 359                     | 21.500 | 21.495 | 21.525 | VV  | 6352      | 111524 | 3.34%  | 0.073% |  |
| 360                     | 21.542 | 21.525 | 21.560 | VV  | 5980      | 121196 | 3.63%  | 0.079% |  |
| 361                     | 21.575 | 21.560 | 21.618 | VV  | 6046      | 199323 | 5.97%  | 0.130% |  |
| 362                     | 21.652 | 21.618 | 21.694 | VV  | 5880      | 252188 | 7.55%  | 0.165% |  |
| 363                     | 21.709 | 21.694 | 21.821 | VV  | 5558      | 370017 | 11.08% | 0.241% |  |
| 364                     | 21.828 | 21.821 | 21.901 | VBA | 4457      | 203409 | 6.09%  | 0.133% |  |
| Sum of corrected areas: |        |        |        |     | 153270281 |        |        |        |  |

Instrument :  
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