

Instrument :

FID\_E

ClientSampleId :

TP-AMSD

rteres

## Area Percent Report

Manual IntegrationsAPPROVED

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE12222

Data File : FE045504.D

Signal(s) : FID1B.ch

Acq On : 22 Nov 2023 18:08

Sample : 05517-01MSD

Misc :

ALS Vial : 21 Sample Multiplier: 1

Reviewed By :Yogesh Patel 11/24/2023

Supervised By :Ankita Jodhani 11/27/2023

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 110423.M

Title : GC Extractables

Signal : FID1B.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         | 3.212       | 3.184        | 3.228      | BV       | 725            | 7592         | 0.05%          | 0.002%        |
| 2         | 3.260       | 3.228        | 3.362      | VV       | 498685         | 5038679      | 33.37%         | 1.592%        |
| 3         | 3.371       | 3.362        | 3.391      | VV       | 654            | 9650         | 0.06%          | 0.003%        |
| 4         | 3.402       | 3.391        | 3.422      | VV       | 668            | 9082         | 0.06%          | 0.003%        |
| 5         | 3.432       | 3.422        | 3.460      | VV       | 366            | 7325         | 0.05%          | 0.002%        |
| 6         | 3.470       | 3.460        | 3.488      | VV       | 378            | 4537         | 0.03%          | 0.001%        |
| 7         | 3.500       | 3.488        | 3.521      | VV       | 224            | 3371         | 0.02%          | 0.001%        |
| 8         | 3.540       | 3.521        | 3.554      | VV       | 200            | 1899         | 0.01%          | 0.001%        |
| 9         | 3.572       | 3.554        | 3.588      | VV       | 322            | 4395         | 0.03%          | 0.001%        |
| 10        | 3.611       | 3.588        | 3.674      | VV       | 633            | 19322        | 0.13%          | 0.006%        |
| 11        | 3.699       | 3.674        | 3.711      | VV       | 376            | 6069         | 0.04%          | 0.002%        |
| 12        | 3.732       | 3.711        | 3.788      | VV       | 3326           | 38294        | 0.25%          | 0.012%        |
| 13        | 3.791       | 3.788        | 3.814      | VV       | 124            | 870          | 0.01%          | 0.000%        |
| 14        | 3.846       | 3.814        | 3.916      | PV       | 4201           | 76577        | 0.51%          | 0.024%        |
| 15        | 3.938       | 3.916        | 3.997      | VV       | 1774           | 21942        | 0.15%          | 0.007%        |
| 16        | 4.007       | 3.997        | 4.020      | PV       | 128            | 1013         | 0.01%          | 0.000%        |
| 17        | 4.047       | 4.020        | 4.071      | VV       | 1752           | 21926        | 0.15%          | 0.007%        |
| 18        | 4.088       | 4.071        | 4.132      | VV       | 349            | 9070         | 0.06%          | 0.003%        |
| 19        | 4.162       | 4.132        | 4.194      | VV       | 365            | 7220         | 0.05%          | 0.002%        |
| 20        | 4.231       | 4.194        | 4.311      | VV       | 6182           | 93462        | 0.62%          | 0.030%        |
| 21        | 4.316       | 4.311        | 4.391      | VV       | 287            | 8923         | 0.06%          | 0.003%        |
| 22        | 4.405       | 4.391        | 4.430      | VV       | 240            | 3505         | 0.02%          | 0.001%        |
| 23        | 4.462       | 4.430        | 4.478      | VV       | 179            | 3343         | 0.02%          | 0.001%        |
| 24        | 4.511       | 4.478        | 4.527      | VV       | 576506         | 5633384      | 37.31%         | 1.780%        |
| 25        | 4.544       | 4.527        | 4.636      | VV       | 599214         | 6102029      | 40.41%         | 1.928%        |
| 26        | 4.661       | 4.636        | 4.714      | VV       | 24782          | 272537       | 1.80%          | 0.086%        |
| 27        | 4.733       | 4.714        | 4.776      | VV       | 2636           | 42980        | 0.28%          | 0.014%        |
| 28        | 4.792       | 4.776        | 4.836      | VV       | 819            | 20193        | 0.13%          | 0.006%        |
| 29        | 4.895       | 4.836        | 4.910      | VV       | 979            | 22181        | 0.15%          | 0.007%        |
| 30        | 4.924       | 4.910        | 4.944      | VV       | 1091           | 14662        | 0.10%          | 0.005%        |
| 31        | 4.966       | 4.944        | 4.991      | VV       | 1158           | 19314        | 0.13%          | 0.006%        |
| 32        | 5.009       | 4.991        | 5.061      | VV       | 1334           | 22012        | 0.15%          | 0.007%        |
| 33        | 5.087       | 5.061        | 5.108      | VV       | 589            | 8481         | 0.06%          | 0.003%        |
| 34        | 5.121       | 5.108        | 5.135      | VV       | 251            | 2504         | 0.02%          | 0.001%        |
| 35        | 5.165       | 5.135        | 5.191      | VV       | 1141           | 16665        | 0.11%          | 0.005%        |
| 36        | 5.211       | 5.191        | 5.243      | VV       | 1322           | 25387        | 0.17%          | 0.008%        |

|    |       |       |       |    | rters  |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
| 37 | 5.261 | 5.243 | 5.276 | VV | 1171   | 14731   | 0.10%  | 0.005% |
| 38 | 5.292 | 5.276 | 5.318 | VV | 1803   | 20646   |        |        |
| 39 | 5.349 | 5.318 | 5.371 | VV | 882    | 13778   |        |        |
| 40 | 5.389 | 5.371 | 5.396 | VV | 449    | 4506    |        |        |
| 41 | 5.415 | 5.396 | 5.436 | VV | 1402   | 20178   |        |        |
| 42 | 5.450 | 5.436 | 5.481 | VV | 718    | 12665   |        |        |
| 43 | 5.499 | 5.481 | 5.537 | VV | 1747   | 24069   | 0.16%  | 0.008% |
| 44 | 5.557 | 5.537 | 5.614 | VV | 242    | 5706    | 0.04%  | 0.002% |
| 45 | 5.643 | 5.614 | 5.660 | PV | 2225   | 28843   | 0.19%  | 0.009% |
| 46 | 5.671 | 5.660 | 5.731 | VV | 1316   | 21990   | 0.15%  | 0.007% |
| 47 | 5.754 | 5.731 | 5.801 | VV | 592    | 11509   | 0.08%  | 0.004% |
| 48 | 5.832 | 5.801 | 5.857 | VV | 2937   | 36243   | 0.24%  | 0.011% |
| 49 | 5.890 | 5.857 | 5.917 | VV | 3794   | 65195   | 0.43%  | 0.021% |
| 50 | 5.932 | 5.917 | 5.944 | VV | 4555   | 51458   | 0.34%  | 0.016% |
| 51 | 5.954 | 5.944 | 6.010 | VV | 2731   | 66681   | 0.44%  | 0.021% |
| 52 | 6.030 | 6.010 | 6.049 | VV | 1481   | 18969   | 0.13%  | 0.006% |
| 53 | 6.063 | 6.049 | 6.104 | VV | 514    | 13304   | 0.09%  | 0.004% |
| 54 | 6.120 | 6.104 | 6.144 | VV | 596    | 8581    | 0.06%  | 0.003% |
| 55 | 6.210 | 6.144 | 6.248 | VV | 820393 | 8145614 | 53.95% | 2.574% |
| 56 | 6.258 | 6.248 | 6.338 | VV | 10634  | 217401  | 1.44%  | 0.069% |
| 57 | 6.357 | 6.338 | 6.374 | VV | 1643   | 31596   | 0.21%  | 0.010% |
| 58 | 6.386 | 6.374 | 6.426 | VV | 1265   | 34134   | 0.23%  | 0.011% |
| 59 | 6.463 | 6.426 | 6.484 | VV | 1116   | 31967   | 0.21%  | 0.010% |
| 60 | 6.507 | 6.484 | 6.538 | VV | 943    | 25589   | 0.17%  | 0.008% |
| 61 | 6.548 | 6.538 | 6.562 | VV | 769    | 9933    | 0.07%  | 0.003% |
| 62 | 6.591 | 6.562 | 6.604 | VV | 916    | 18771   | 0.12%  | 0.006% |
| 63 | 6.614 | 6.604 | 6.634 | VV | 1073   | 16179   | 0.11%  | 0.005% |
| 64 | 6.676 | 6.634 | 6.743 | VV | 606412 | 6258681 | 41.45% | 1.978% |
| 65 | 6.755 | 6.743 | 6.781 | VV | 1340   | 26459   | 0.18%  | 0.008% |
| 66 | 6.792 | 6.781 | 6.807 | VV | 1139   | 15475   | 0.10%  | 0.005% |
| 67 | 6.828 | 6.807 | 6.854 | VV | 2157   | 37983   | 0.25%  | 0.012% |
| 68 | 6.865 | 6.854 | 6.912 | VV | 990    | 24897   | 0.16%  | 0.008% |
| 69 | 6.954 | 6.912 | 6.972 | VV | 852    | 22220   | 0.15%  | 0.007% |
| 70 | 6.997 | 6.972 | 7.046 | VV | 1500   | 42515   | 0.28%  | 0.013% |
| 71 | 7.078 | 7.046 | 7.134 | VV | 1470   | 46266   | 0.31%  | 0.015% |
| 72 | 7.163 | 7.134 | 7.184 | VV | 2167   | 38243   | 0.25%  | 0.012% |
| 73 | 7.208 | 7.184 | 7.232 | VV | 9973   | 119203  | 0.79%  | 0.038% |
| 74 | 7.245 | 7.232 | 7.266 | VV | 1416   | 25776   | 0.17%  | 0.008% |
| 75 | 7.305 | 7.266 | 7.377 | VV | 665645 | 6996787 | 46.34% | 2.211% |
| 76 | 7.395 | 7.377 | 7.418 | VV | 5040   | 88863   | 0.59%  | 0.028% |
| 77 | 7.441 | 7.418 | 7.484 | VV | 29283  | 357828  | 2.37%  | 0.113% |
| 78 | 7.506 | 7.484 | 7.522 | VV | 2709   | 49140   | 0.33%  | 0.016% |
| 79 | 7.530 | 7.522 | 7.559 | VV | 1916   | 31712   | 0.21%  | 0.010% |
| 80 | 7.582 | 7.559 | 7.602 | VV | 1692   | 32019   | 0.21%  | 0.010% |
| 81 | 7.620 | 7.602 | 7.648 | VV | 2023   | 36267   | 0.24%  | 0.011% |
| 82 | 7.694 | 7.648 | 7.729 | VV | 1320   | 45347   | 0.30%  | 0.014% |
| 83 | 7.793 | 7.729 | 7.827 | VV | 1802   | 53914   | 0.36%  | 0.017% |
| 84 | 7.844 | 7.827 | 7.861 | VV | 871    | 13949   | 0.09%  | 0.004% |
| 85 | 7.932 | 7.861 | 8.020 | VV | 678899 | 7082989 | 46.91% | 2.238% |
| 86 | 8.046 | 8.020 | 8.127 | VV | 6129   | 163839  | 1.09%  | 0.052% |
| 87 | 8.147 | 8.127 | 8.171 | VV | 1682   | 33972   | 0.22%  | 0.011% |
| 88 | 8.202 | 8.171 | 8.235 | VV | 3324   | 77795   | 0.52%  | 0.025% |
| 89 | 8.249 | 8.235 | 8.264 | VV | 1957   | 26979   | 0.18%  | 0.009% |

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|     |        |        |        |    |        |         |        |        |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 90  | 8.316  | 8.264  | 8.364  | VV | 5548   | 154817  | 1.03%  | 0.049% |
| 91  | 8.374  | 8.364  | 8.387  | VV | 1164   | 15458   |        |        |
| 92  | 8.419  | 8.387  | 8.435  | VV | 9357   | 122761  |        |        |
| 93  | 8.449  | 8.435  | 8.459  | VV | 5710   | 68556   |        |        |
| 94  | 8.504  | 8.459  | 8.544  | VV | 633561 | 6861501 | 49.82% | 2.377% |
| 95  | 8.605  | 8.544  | 8.678  | VV | 722178 | 7516337 | 49.82% | 2.377% |
| 96  | 8.695  | 8.678  | 8.734  | VV | 3584   | 73371   | 0.49%  | 0.023% |
| 97  | 8.745  | 8.734  | 8.771  | VV | 1420   | 26290   | 0.17%  | 0.008% |
| 98  | 8.806  | 8.771  | 8.873  | VV | 419159 | 4601028 | 30.47% | 1.454% |
| 99  | 8.905  | 8.873  | 9.011  | VV | 708956 | 7522317 | 49.82% | 2.377% |
| 100 | 9.041  | 9.011  | 9.080  | VV | 2608   | 74324   | 0.49%  | 0.023% |
| 101 | 9.095  | 9.080  | 9.113  | VV | 1400   | 24430   | 0.16%  | 0.008% |
| 102 | 9.145  | 9.113  | 9.159  | VV | 2724   | 51210   | 0.34%  | 0.016% |
| 103 | 9.180  | 9.159  | 9.301  | VV | 14732  | 273652  | 1.81%  | 0.086% |
| 104 | 9.322  | 9.301  | 9.343  | VV | 2487   | 47804   | 0.32%  | 0.015% |
| 105 | 9.357  | 9.343  | 9.393  | VV | 2444   | 44245   | 0.29%  | 0.014% |
| 106 | 9.415  | 9.393  | 9.446  | VV | 1214   | 28678   | 0.19%  | 0.009% |
| 107 | 9.472  | 9.446  | 9.491  | VV | 2634   | 38267   | 0.25%  | 0.012% |
| 108 | 9.505  | 9.491  | 9.538  | VV | 1702   | 27573   | 0.18%  | 0.009% |
| 109 | 9.559  | 9.538  | 9.578  | VV | 1639   | 25912   | 0.17%  | 0.008% |
| 110 | 9.611  | 9.578  | 9.634  | VV | 1700   | 35276   | 0.23%  | 0.011% |
| 111 | 9.695  | 9.634  | 9.760  | VV | 664054 | 7512487 | 49.75% | 2.374% |
| 112 | 9.774  | 9.760  | 9.822  | VV | 4627   | 108532  | 0.72%  | 0.034% |
| 113 | 9.842  | 9.822  | 9.863  | VV | 3745   | 64922   | 0.43%  | 0.021% |
| 114 | 9.907  | 9.863  | 9.944  | VV | 5772   | 146878  | 0.97%  | 0.046% |
| 115 | 9.956  | 9.944  | 9.994  | VV | 1882   | 38119   | 0.25%  | 0.012% |
| 116 | 10.019 | 9.994  | 10.077 | VV | 4307   | 108816  | 0.72%  | 0.034% |
| 117 | 10.113 | 10.077 | 10.258 | VV | 662821 | 7417446 | 49.12% | 2.344% |
| 118 | 10.279 | 10.258 | 10.356 | VV | 525    | 14782   | 0.10%  | 0.005% |
| 119 | 10.385 | 10.356 | 10.417 | PV | 659    | 8992    | 0.06%  | 0.003% |
| 120 | 10.444 | 10.417 | 10.474 | VV | 610    | 11392   | 0.08%  | 0.004% |
| 121 | 10.497 | 10.474 | 10.523 | VV | 1951   | 28441   | 0.19%  | 0.009% |
| 122 | 10.549 | 10.523 | 10.561 | VV | 1106   | 17413   | 0.12%  | 0.006% |
| 123 | 10.581 | 10.561 | 10.603 | VV | 3553   | 51220   | 0.34%  | 0.016% |
| 124 | 10.621 | 10.603 | 10.661 | VV | 1980   | 32264   | 0.21%  | 0.010% |
| 125 | 10.697 | 10.661 | 10.734 | VV | 3188   | 51939   | 0.34%  | 0.016% |
| 126 | 10.756 | 10.734 | 10.768 | VV | 1306   | 19538   | 0.13%  | 0.006% |
| 127 | 10.777 | 10.768 | 10.799 | VV | 1210   | 18000   | 0.12%  | 0.006% |
| 128 | 10.822 | 10.799 | 10.837 | VV | 1513   | 25468   | 0.17%  | 0.008% |
| 129 | 10.859 | 10.837 | 10.878 | VV | 2053   | 38685   | 0.26%  | 0.012% |
| 130 | 10.904 | 10.878 | 10.942 | VV | 10046  | 155402  | 1.03%  | 0.049% |
| 131 | 10.953 | 10.942 | 10.984 | VV | 1157   | 22114   | 0.15%  | 0.007% |
| 132 | 10.999 | 10.984 | 11.018 | VV | 887    | 11257   | 0.07%  | 0.004% |
| 133 | 11.035 | 11.018 | 11.047 | VV | 502    | 5565    | 0.04%  | 0.002% |
| 134 | 11.103 | 11.047 | 11.146 | VV | 702541 | 7889789 | 52.25% | 2.493% |
| 135 | 11.179 | 11.146 | 11.336 | VV | 628375 | 7569541 | 50.13% | 2.392% |
| 136 | 11.358 | 11.336 | 11.378 | VV | 3701   | 52433   | 0.35%  | 0.017% |
| 137 | 11.401 | 11.378 | 11.458 | VV | 7416   | 138401  | 0.92%  | 0.044% |
| 138 | 11.488 | 11.458 | 11.518 | VV | 2264   | 52547   | 0.35%  | 0.017% |
| 139 | 11.559 | 11.518 | 11.610 | VV | 647905 | 7624238 | 50.49% | 2.409% |
| 140 | 11.635 | 11.610 | 11.678 | VV | 3796   | 85319   | 0.57%  | 0.027% |
| 141 | 11.702 | 11.678 | 11.730 | VV | 1305   | 23291   | 0.15%  | 0.007% |

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|     |        |        |        |       |        |         |        |        |
|-----|--------|--------|--------|-------|--------|---------|--------|--------|
|     |        |        |        |       |        |         |        |        |
|     |        |        |        | rters |        |         |        |        |
| 142 | 11.757 | 11.730 | 11.780 | VV    | 1914   | 30321   | 0.20%  | 0.010% |
| 143 | 11.816 | 11.780 | 11.835 | VV    | 859    | 22582   | 0.06%  | 0.007% |
| 144 | 11.870 | 11.835 | 11.922 | VV    | 466931 | 5259398 | 34.06% | 0.007% |
| 145 | 11.938 | 11.922 | 11.981 | VV    | 8382   | 128996  | 0.06%  | 0.007% |
|     |        |        |        |       |        |         |        |        |
| 146 | 12.019 | 11.981 | 12.041 | VV    | 19865  | 298861  | 0.06%  | 0.007% |
| 147 | 12.053 | 12.041 | 12.068 | VV    | 5636   | 69368   | 0.08%  | 0.007% |
| 148 | 12.084 | 12.068 | 12.141 | VV    | 7461   | 106798  | 0.07%  | 0.004% |
| 149 | 12.162 | 12.141 | 12.187 | PV    | 1357   | 20888   | 0.14%  | 0.007% |
| 150 | 12.227 | 12.187 | 12.258 | VV    | 1530   | 34048   | 0.23%  | 0.011% |
|     |        |        |        |       |        |         |        |        |
| 151 | 12.281 | 12.258 | 12.291 | VV    | 1476   | 19406   | 0.13%  | 0.006% |
| 152 | 12.314 | 12.291 | 12.345 | VV    | 2931   | 48342   | 0.32%  | 0.015% |
| 153 | 12.381 | 12.345 | 12.423 | VV    | 3878   | 66096   | 0.44%  | 0.021% |
| 154 | 12.473 | 12.423 | 12.541 | VV    | 21829  | 297150  | 1.97%  | 0.094% |
| 155 | 12.572 | 12.541 | 12.617 | VV    | 2283   | 66271   | 0.44%  | 0.021% |
|     |        |        |        |       |        |         |        |        |
| 156 | 12.652 | 12.617 | 12.670 | VV    | 1620   | 38160   | 0.25%  | 0.012% |
| 157 | 12.694 | 12.670 | 12.737 | VV    | 4802   | 81821   | 0.54%  | 0.026% |
| 158 | 12.764 | 12.737 | 12.784 | PV    | 2564   | 41411   | 0.27%  | 0.013% |
| 159 | 12.806 | 12.784 | 12.826 | VV    | 7405   | 101346  | 0.67%  | 0.032% |
| 160 | 12.871 | 12.826 | 12.896 | VV    | 610005 | 7640115 | 50.60% | 2.414% |
|     |        |        |        |       |        |         |        |        |
| 161 | 12.927 | 12.896 | 13.036 | VV    | 686297 | 8432133 | 55.84% | 2.665% |
| 162 | 13.060 | 13.036 | 13.080 | VV    | 5797   | 84028   | 0.56%  | 0.027% |
| 163 | 13.108 | 13.080 | 13.134 | VV    | 11287  | 169641  | 1.12%  | 0.054% |
| 164 | 13.165 | 13.134 | 13.187 | VV    | 2187   | 55186   | 0.37%  | 0.017% |
| 165 | 13.227 | 13.187 | 13.260 | VV    | 696917 | 8325195 | 55.13% | 2.631% |
|     |        |        |        |       |        |         |        |        |
| 166 | 13.313 | 13.260 | 13.375 | VV    | 310464 | 3992818 | 26.44% | 1.262% |
| 167 | 13.398 | 13.375 | 13.413 | VV    | 2454   | 37609   | 0.25%  | 0.012% |
| 168 | 13.431 | 13.413 | 13.446 | VV    | 2898   | 41841   | 0.28%  | 0.013% |
| 169 | 13.482 | 13.446 | 13.531 | VV    | 567358 | 7234573 | 47.91% | 2.286% |
| 170 | 13.555 | 13.531 | 13.599 | VV    | 2430   | 66489   | 0.44%  | 0.021% |
|     |        |        |        |       |        |         |        |        |
| 171 | 13.622 | 13.599 | 13.633 | VV    | 2594   | 34168   | 0.23%  | 0.011% |
| 172 | 13.653 | 13.633 | 13.667 | VV    | 5196   | 74644   | 0.49%  | 0.024% |
| 173 | 13.683 | 13.667 | 13.757 | VV    | 5636   | 136659  | 0.91%  | 0.043% |
| 174 | 13.813 | 13.757 | 13.849 | VV    | 16176  | 299711  | 1.98%  | 0.095% |
| 175 | 13.858 | 13.849 | 13.893 | VV    | 1771   | 40422   | 0.27%  | 0.013% |
|     |        |        |        |       |        |         |        |        |
| 176 | 13.921 | 13.893 | 13.943 | VV    | 14488  | 210191  | 1.39%  | 0.066% |
| 177 | 13.960 | 13.943 | 13.987 | VV    | 7965   | 119673  | 0.79%  | 0.038% |
| 178 | 14.015 | 13.987 | 14.029 | VV    | 2230   | 49972   | 0.33%  | 0.016% |
| 179 | 14.070 | 14.029 | 14.112 | VV    | 559412 | 7236637 | 47.93% | 2.287% |
| 180 | 14.132 | 14.112 | 14.180 | VV    | 6599   | 113149  | 0.75%  | 0.036% |
|     |        |        |        |       |        |         |        |        |
| 181 | 14.196 | 14.180 | 14.218 | VV    | 987    | 19563   | 0.13%  | 0.006% |
| 182 | 14.236 | 14.218 | 14.275 | VV    | 1317   | 31287   | 0.21%  | 0.010% |
| 183 | 14.291 | 14.275 | 14.311 | VV    | 676    | 12254   | 0.08%  | 0.004% |
| 184 | 14.320 | 14.311 | 14.361 | VV    | 554    | 10611   | 0.07%  | 0.003% |
| 185 | 14.399 | 14.361 | 14.418 | PV    | 790    | 13516   | 0.09%  | 0.004% |
|     |        |        |        |       |        |         |        |        |
| 186 | 14.430 | 14.418 | 14.441 | VV    | 748    | 8346    | 0.06%  | 0.003% |
| 187 | 14.448 | 14.441 | 14.463 | VV    | 589    | 6177    | 0.04%  | 0.002% |
| 188 | 14.524 | 14.463 | 14.594 | VV    | 4688   | 187840  | 1.24%  | 0.059% |
| 189 | 14.631 | 14.594 | 14.679 | VV    | 5299   | 150775  | 1.00%  | 0.048% |
| 190 | 14.686 | 14.679 | 14.705 | VV    | 1483   | 18009   | 0.12%  | 0.006% |
|     |        |        |        |       |        |         |        |        |
| 191 | 14.730 | 14.705 | 14.767 | VV    | 7547   | 133303  | 0.88%  | 0.042% |
| 192 | 14.791 | 14.767 | 14.816 | VV    | 12438  | 188606  | 1.25%  | 0.060% |
| 193 | 14.837 | 14.816 | 14.888 | VV    | 3381   | 93501   | 0.62%  | 0.030% |
| 194 | 14.915 | 14.888 | 14.933 | VV    | 1481   | 25360   | 0.17%  | 0.008% |

Instrument :

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|     |        |        |        |    |        |          |        |        |
|-----|--------|--------|--------|----|--------|----------|--------|--------|
|     |        |        |        |    | rters  |          |        |        |
| 195 | 14.979 | 14.933 | 14.995 | VV | 3232   | 70904    | 0.47%  | 0.022% |
| 196 | 15.004 | 14.995 | 15.031 | VV | 2306   | 28199    |        |        |
| 197 | 15.061 | 15.031 | 15.071 | PV | 4217   | 50582    |        |        |
| 198 | 15.110 | 15.071 | 15.130 | VV | 543706 | 7813089  | 51     |        |
| 199 | 15.157 | 15.130 | 15.244 | VV | 722579 | 15099697 | 100    |        |
| 200 | 15.268 | 15.244 | 15.351 | VV | 17275  | 437428   | 2      |        |
| 201 | 15.361 | 15.351 | 15.388 | VV | 3053   | 49822    | 0.33%  | 0.016% |
| 202 | 15.418 | 15.388 | 15.433 | VV | 4498   | 80081    | 0.53%  | 0.025% |
| 203 | 15.447 | 15.433 | 15.481 | VV | 4417   | 93902    | 0.62%  | 0.030% |
| 204 | 15.491 | 15.481 | 15.517 | VV | 1844   | 36439    | 0.24%  | 0.012% |
| 205 | 15.571 | 15.517 | 15.634 | VV | 10670  | 381157   | 2.52%  | 0.120% |
| 206 | 15.651 | 15.634 | 15.667 | VV | 2499   | 41814    | 0.28%  | 0.013% |
| 207 | 15.695 | 15.667 | 15.724 | VV | 5566   | 118782   | 0.79%  | 0.038% |
| 208 | 15.780 | 15.724 | 15.803 | VV | 10829  | 291153   | 1.93%  | 0.092% |
| 209 | 15.820 | 15.803 | 15.846 | VV | 5304   | 86481    | 0.57%  | 0.027% |
| 210 | 15.866 | 15.846 | 15.893 | VV | 4363   | 79743    | 0.53%  | 0.025% |
| 211 | 15.941 | 15.893 | 15.985 | VV | 9517   | 270981   | 1.79%  | 0.086% |
| 212 | 16.017 | 15.985 | 16.051 | VV | 3311   | 77840    | 0.52%  | 0.025% |
| 213 | 16.062 | 16.051 | 16.082 | VV | 1011   | 12819    | 0.08%  | 0.004% |
| 214 | 16.106 | 16.082 | 16.135 | VV | 2193   | 39113    | 0.26%  | 0.012% |
| 215 | 16.201 | 16.135 | 16.244 | VV | 512606 | 6864725  | 45.46% | 2.169% |
| 216 | 16.262 | 16.244 | 16.304 | VV | 1524   | 32880    | 0.22%  | 0.010% |
| 217 | 16.314 | 16.304 | 16.332 | VV | 572    | 5970     | 0.04%  | 0.002% |
| 218 | 16.381 | 16.332 | 16.408 | PV | 1743   | 32618    | 0.22%  | 0.010% |
| 219 | 16.418 | 16.408 | 16.436 | VV | 927    | 10410    | 0.07%  | 0.003% |
| 220 | 16.459 | 16.436 | 16.474 | VV | 2658   | 38005    | 0.25%  | 0.012% |
| 221 | 16.485 | 16.474 | 16.512 | VV | 2099   | 32231    | 0.21%  | 0.010% |
| 222 | 16.540 | 16.512 | 16.556 | VV | 1165   | 24760    | 0.16%  | 0.008% |
| 223 | 16.590 | 16.556 | 16.628 | VV | 6884   | 182775   | 1.21%  | 0.058% |
| 224 | 16.679 | 16.628 | 16.694 | VV | 481170 | 8870879  | 58.75% | 2.803% |
| 225 | 16.711 | 16.694 | 16.780 | VV | 617730 | 8294268  | 54.93% | 2.621% |
| 226 | 16.803 | 16.780 | 16.905 | VV | 18206  | 480397   | 3.18%  | 0.152% |
| 227 | 16.924 | 16.905 | 16.938 | VV | 3207   | 53071    | 0.35%  | 0.017% |
| 228 | 16.993 | 16.938 | 17.019 | VV | 36166  | 740833   | 4.91%  | 0.234% |
| 229 | 17.060 | 17.019 | 17.112 | VV | 554014 | 8084176  | 53.54% | 2.555% |
| 230 | 17.151 | 17.112 | 17.214 | VV | 486608 | 7348206  | 48.66% | 2.322% |
| 231 | 17.224 | 17.214 | 17.267 | VV | 6656   | 155670   | 1.03%  | 0.049% |
| 232 | 17.297 | 17.267 | 17.341 | VV | 5722   | 187792   | 1.24%  | 0.059% |
| 233 | 17.355 | 17.341 | 17.375 | VV | 2551   | 46812    | 0.31%  | 0.015% |
| 234 | 17.419 | 17.375 | 17.495 | VV | 7985   | 329776   | 2.18%  | 0.104% |
| 235 | 17.550 | 17.495 | 17.568 | VV | 7162   | 184587   | 1.22%  | 0.058% |
| 236 | 17.595 | 17.568 | 17.623 | VV | 8233   | 189203   | 1.25%  | 0.060% |
| 237 | 17.642 | 17.623 | 17.655 | VV | 2852   | 44380    | 0.29%  | 0.014% |
| 238 | 17.671 | 17.655 | 17.686 | VV | 2784   | 44769    | 0.30%  | 0.014% |
| 239 | 17.711 | 17.686 | 17.742 | VV | 6380   | 128551   | 0.85%  | 0.041% |
| 240 | 17.756 | 17.742 | 17.792 | VV | 2084   | 37606    | 0.25%  | 0.012% |
| 241 | 17.832 | 17.792 | 17.873 | VV | 2063   | 42321    | 0.28%  | 0.013% |
| 242 | 17.930 | 17.873 | 17.965 | PV | 4969   | 90772    | 0.60%  | 0.029% |
| 243 | 18.043 | 17.965 | 18.088 | VV | 462116 | 6926920  | 45.87% | 2.189% |
| 244 | 18.131 | 18.088 | 18.171 | VV | 8465   | 190754   | 1.26%  | 0.060% |
| 245 | 18.177 | 18.171 | 18.185 | VV | 2504   | 19937    | 0.13%  | 0.006% |
| 246 | 18.206 | 18.185 | 18.218 | VV | 3030   | 54266    | 0.36%  | 0.017% |

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| rteres                  |        |        |        |    |           |         |        |        |  |
|-------------------------|--------|--------|--------|----|-----------|---------|--------|--------|--|
| 247                     | 18.222 | 18.218 | 18.245 | VV | 2987      | 41920   | 0.28%  | 0.013% |  |
| 248                     | 18.261 | 18.245 | 18.294 | VV | 2115      | 45187   |        |        |  |
| 249                     | 18.336 | 18.294 | 18.386 | VV | 7563      | 227032  |        |        |  |
| 250                     | 18.434 | 18.386 | 18.451 | VV | 293072    | 5603334 | 37     |        |  |
| 251                     | 18.471 | 18.451 | 18.646 | VV | 391492    | 8290995 | 54     |        |  |
| 252                     | 18.694 | 18.646 | 18.792 | VV | 324611    | 6498730 | 43     |        |  |
| 253                     | 18.816 | 18.792 | 18.835 | VV | 18729     | 422090  | 2.80%  | 0.133% |  |
| 254                     | 18.876 | 18.835 | 18.924 | VV | 457834    | 7389621 | 48.94% | 2.335% |  |
| 255                     | 18.939 | 18.924 | 18.947 | VV | 9187      | 125465  | 0.83%  | 0.040% |  |
| 256                     | 18.971 | 18.947 | 19.000 | VV | 13526     | 325689  | 2.16%  | 0.103% |  |
| 257                     | 19.015 | 19.000 | 19.041 | VV | 7788      | 178830  | 1.18%  | 0.057% |  |
| 258                     | 19.058 | 19.041 | 19.088 | VV | 8475      | 197583  | 1.31%  | 0.062% |  |
| 259                     | 19.137 | 19.088 | 19.174 | VV | 7696      | 332696  | 2.20%  | 0.105% |  |
| 260                     | 19.269 | 19.174 | 19.318 | VV | 12819     | 710892  | 4.71%  | 0.225% |  |
| 261                     | 19.386 | 19.318 | 19.444 | VV | 9923      | 518535  | 3.43%  | 0.164% |  |
| 262                     | 19.464 | 19.444 | 19.486 | VV | 5619      | 124306  | 0.82%  | 0.039% |  |
| 263                     | 19.511 | 19.486 | 19.533 | VV | 6184      | 154009  | 1.02%  | 0.049% |  |
| 264                     | 19.556 | 19.533 | 19.592 | VV | 5520      | 176355  | 1.17%  | 0.056% |  |
| 265                     | 19.661 | 19.592 | 19.733 | VV | 451612    | 7445978 | 49.31% | 2.353% |  |
| 266                     | 19.765 | 19.733 | 19.790 | VV | 10016     | 264019  | 1.75%  | 0.083% |  |
| 267                     | 19.852 | 19.790 | 19.891 | VV | 11324     | 522360  | 3.46%  | 0.165% |  |
| 268                     | 19.922 | 19.891 | 19.960 | VV | 13064     | 440244  | 2.92%  | 0.139% |  |
| 269                     | 19.993 | 19.960 | 20.108 | VV | 20256     | 949006  | 6.28%  | 0.300% |  |
| 270                     | 20.139 | 20.108 | 20.173 | VV | 7646      | 279929  | 1.85%  | 0.088% |  |
| 271                     | 20.238 | 20.173 | 20.278 | VV | 14902     | 687953  | 4.56%  | 0.217% |  |
| 272                     | 20.302 | 20.278 | 20.347 | VV | 12848     | 491482  | 3.25%  | 0.155% |  |
| 273                     | 20.403 | 20.347 | 20.506 | VV | 447079    | 8187150 | 54.22% | 2.587% |  |
| 274                     | 20.547 | 20.506 | 20.581 | VV | 17366     | 640557  | 4.24%  | 0.202% |  |
| 275                     | 20.593 | 20.581 | 20.608 | VV | 12252     | 191974  | 1.27%  | 0.061% |  |
| 276                     | 20.623 | 20.608 | 20.651 | VV | 12292     | 314086  | 2.08%  | 0.099% |  |
| 277                     | 20.757 | 20.651 | 20.836 | VV | 15183     | 1471823 | 9.75%  | 0.465% |  |
| 278                     | 20.847 | 20.836 | 20.895 | VV | 13357     | 447659  | 2.96%  | 0.141% |  |
| 279                     | 21.025 | 20.895 | 21.034 | VV | 13005     | 1067765 | 7.07%  | 0.337% |  |
| 280                     | 21.056 | 21.034 | 21.076 | VV | 12995     | 323650  | 2.14%  | 0.102% |  |
| 281                     | 21.138 | 21.076 | 21.219 | VV | 373678    | 7972757 | 52.80% | 2.519% |  |
| 282                     | 21.285 | 21.219 | 21.331 | VV | 10980     | 701718  | 4.65%  | 0.222% |  |
| 283                     | 21.342 | 21.331 | 21.403 | VV | 10313     | 423271  | 2.80%  | 0.134% |  |
| 284                     | 21.419 | 21.403 | 21.441 | VV | 9019      | 201230  | 1.33%  | 0.064% |  |
| 285                     | 21.491 | 21.441 | 21.528 | VV | 8953      | 456921  | 3.03%  | 0.144% |  |
| 286                     | 21.555 | 21.528 | 21.627 | VV | 9652      | 491951  | 3.26%  | 0.155% |  |
| 287                     | 21.671 | 21.627 | 21.680 | VV | 7345      | 227345  | 1.51%  | 0.072% |  |
| 288                     | 21.698 | 21.680 | 21.754 | VV | 7214      | 302078  | 2.00%  | 0.095% |  |
| 289                     | 21.838 | 21.754 | 21.879 | VV | 6212      | 458822  | 3.04%  | 0.145% |  |
| 290                     | 21.890 | 21.879 | 21.904 | VV | 5737      | 87072   | 0.58%  | 0.028% |  |
| 291                     | 21.911 | 21.904 | 21.925 | VV | 5622      | 66147   | 0.44%  | 0.021% |  |
| 292                     | 21.936 | 21.925 | 21.968 | VV | 5196      | 131546  | 0.87%  | 0.042% |  |
| 293                     | 22.045 | 21.968 | 22.210 | VV | 266371    | 7487437 | 49.59% | 2.366% |  |
| 294                     | 22.243 | 22.210 | 22.340 | VV | 2498      | 96891   | 0.64%  | 0.031% |  |
| Sum of corrected areas: |        |        |        |    | 316448484 |         |        |        |  |

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