

rteres.txt

## Area Percent Report

Instrument :  
FID\_D  
ClientSampleId :  
PT-NJEPH-SOIL

Manual Integrations  
APPROVED

Ankita  
5/17/2021 5:11:38 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD051421AR\  
Data File : FD037504.D  
Signal(s) : FID2B.CH  
Acq On : 14 May 2021 11:38  
Sample : M2214-16  
Misc :  
ALS Vial : 55 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aromatic EPH 051321.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         | 4.358       | 4.342        | 4.376      | PV       | 116848         | 955306       | 3.91%          | 0.230%        |
| 2         | 4.390       | 4.376        | 4.407      | PV       | 31677          | 253084       | 1.04%          | 0.061%        |
| 3         | 4.421       | 4.407        | 4.446      | PV       | 17781          | 151931       | 0.62%          | 0.037%        |
| 4         | 4.465       | 4.446        | 4.500      | PV       | 20767          | 248294       | 1.02%          | 0.060%        |
| 5         | 4.515       | 4.500        | 4.531      | VV       | 6628           | 80687        | 0.33%          | 0.019%        |
| 6         | 4.550       | 4.531        | 4.559      | VV       | 6129           | 77016        | 0.32%          | 0.019%        |
| 7         | 4.573       | 4.559        | 4.587      | VV       | 24160          | 218377       | 0.89%          | 0.053%        |
| 8         | 4.599       | 4.587        | 4.613      | VV       | 11920          | 108534       | 0.44%          | 0.026%        |
| 9         | 4.628       | 4.613        | 4.637      | VV       | 5779           | 67000        | 0.27%          | 0.016%        |
| 10        | 4.649       | 4.637        | 4.656      | VV       | 9405           | 83389        | 0.34%          | 0.020%        |
| 11        | 4.669       | 4.656        | 4.680      | VV       | 23250          | 209726       | 0.86%          | 0.051%        |
| 12        | 4.695       | 4.680        | 4.712      | VV       | 78773          | 724571       | 2.97%          | 0.175%        |
| 13        | 4.734       | 4.712        | 4.753      | VV       | 50386          | 637337       | 2.61%          | 0.154%        |
| 14        | 4.769       | 4.753        | 4.820      | VV       | 75183          | 919689       | 3.77%          | 0.222%        |
| 15        | 4.844       | 4.820        | 4.863      | VV       | 44244          | 424214       | 1.74%          | 0.102%        |
| 16        | 4.873       | 4.863        | 4.895      | VV       | 4458           | 54224        | 0.22%          | 0.013%        |
| 17        | 4.927       | 4.895        | 4.937      | PV       | 10148          | 105522       | 0.43%          | 0.025%        |
| 18        | 4.956       | 4.937        | 4.986      | VV       | 81088          | 1267550      | 5.19%          | 0.306%        |
| 19        | 5.006       | 4.986        | 5.018      | VV       | 33852          | 384968       | 1.58%          | 0.093%        |
| 20        | 5.032       | 5.018        | 5.049      | VV       | 87965          | 819821       | 3.36%          | 0.198%        |
| 21        | 5.059       | 5.049        | 5.074      | VV       | 16201          | 173225       | 0.71%          | 0.042%        |
| 22        | 5.085       | 5.074        | 5.101      | VV       | 11771          | 111610       | 0.46%          | 0.027%        |
| 23        | 5.113       | 5.101        | 5.132      | VV       | 2777           | 36108        | 0.15%          | 0.009%        |
| 24        | 5.151       | 5.132        | 5.162      | VV       | 9461           | 112143       | 0.46%          | 0.027%        |
| 25        | 5.173       | 5.162        | 5.187      | VV       | 10021          | 111620       | 0.46%          | 0.027%        |
| 26        | 5.222       | 5.187        | 5.233      | VV       | 54623          | 624893       | 2.56%          | 0.151%        |
| 27        | 5.243       | 5.233        | 5.261      | VV       | 47721          | 451481       | 1.85%          | 0.109%        |
| 28        | 5.282       | 5.261        | 5.287      | VV       | 9149           | 116544       | 0.48%          | 0.028%        |
| 29        | 5.301       | 5.287        | 5.320      | VV       | 20504          | 222301       | 0.91%          | 0.054%        |
| 30        | 5.352       | 5.320        | 5.368      | VV       | 169788         | 1721058      | 7.05%          | 0.415%        |
| 31        | 5.383       | 5.368        | 5.406      | VV       | 117159         | 1252356      | 5.13%          | 0.302%        |
| 32        | 5.422       | 5.406        | 5.432      | VV       | 8080           | 85872        | 0.35%          | 0.021%        |
| 33        | 5.439       | 5.432        | 5.458      | VV       | 6005           | 61571        | 0.25%          | 0.015%        |
| 34        | 5.476       | 5.458        | 5.488      | VV       | 3782           | 52638        | 0.22%          | 0.013%        |
| 35        | 5.509       | 5.488        | 5.514      | VV       | 4931           | 62555        | 0.26%          | 0.015%        |
| 36        | 5.536       | 5.514        | 5.556      | VV       | 61479          | 790210       | 3.24%          | 0.191%        |

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|------------|-------|-------|-------|----|--------|---------|--------|--------|
| 37         | 5.564 | 5.556 | 5.584 | VV | 23997  | 242952  | 1.00%  | 0.059% |
| 38         | 5.630 | 5.584 | 5.644 | VV | 115495 | 1413744 | 5.79%  | 0.341% |
| 39         | 5.650 | 5.644 | 5.667 | VV | 57268  | 520302  | 2.13%  | 0.126% |
| 40         | 5.683 | 5.667 | 5.703 | VV | 81173  | 797841  | 3.27%  | 0.192% |
| 41         | 5.721 | 5.703 | 5.740 | VV | 166318 | 1573494 | 6.45%  | 0.380% |
| 42         | 5.759 | 5.740 | 5.784 | VV | 27578  | 515991  | 2.11%  | 0.124% |
| 43         | 5.803 | 5.784 | 5.825 | VV | 48518  | 605533  | 2.48%  | 0.146% |
| 44         | 5.854 | 5.825 | 5.877 | VV | 44629  | 843448  | 3.46%  | 0.204% |
| 45         | 5.896 | 5.877 | 5.910 | VV | 30253  | 367948  | 1.51%  | 0.089% |
| 46         | 5.928 | 5.910 | 5.966 | VV | 47935  | 778610  | 3.19%  | 0.188% |
| 47         | 5.986 | 5.966 | 6.007 | VV | 38979  | 470127  | 1.93%  | 0.113% |
| 48         | 6.033 | 6.007 | 6.059 | VV | 81629  | 1423571 | 5.83%  | 0.343% |
| 49         | 6.072 | 6.059 | 6.097 | VV | 41392  | 728227  | 2.98%  | 0.176% |
| 50         | 6.112 | 6.097 | 6.131 | VV | 71712  | 855842  | 3.51%  | 0.206% |
| 51         | 6.152 | 6.131 | 6.159 | VV | 53853  | 687582  | 2.82%  | 0.166% |
| 52         | 6.164 | 6.159 | 6.183 | VV | 51801  | 488914  | 2.00%  | 0.118% |
| 53         | 6.194 | 6.183 | 6.221 | VV | 17762  | 312655  | 1.28%  | 0.075% |
| 54         | 6.263 | 6.221 | 6.294 | VV | 149478 | 2215665 | 9.08%  | 0.535% |
| 55         | 6.333 | 6.294 | 6.378 | VV | 125596 | 2288478 | 9.38%  | 0.552% |
| 56         | 6.414 | 6.378 | 6.427 | VV | 33427  | 573555  | 2.35%  | 0.138% |
| 57         | 6.442 | 6.427 | 6.462 | VV | 46697  | 700922  | 2.87%  | 0.169% |
| 58         | 6.477 | 6.462 | 6.506 | VV | 50145  | 738113  | 3.02%  | 0.178% |
| 59         | 6.525 | 6.506 | 6.542 | VV | 57728  | 762347  | 3.12%  | 0.184% |
| 60         | 6.550 | 6.542 | 6.560 | VV | 22747  | 228137  | 0.93%  | 0.055% |
| 61         | 6.575 | 6.560 | 6.587 | VV | 32025  | 403479  | 1.65%  | 0.097% |
| 62         | 6.605 | 6.587 | 6.625 | VV | 117031 | 1242089 | 5.09%  | 0.300% |
| 63         | 6.644 | 6.625 | 6.653 | VV | 26778  | 342779  | 1.40%  | 0.083% |
| 64         | 6.666 | 6.653 | 6.693 | VV | 43514  | 661693  | 2.71%  | 0.160% |
| 65         | 6.726 | 6.693 | 6.750 | VV | 410087 | 4462682 | 18.29% | 1.077% |
| 66         | 6.760 | 6.750 | 6.779 | VV | 41668  | 502722  | 2.06%  | 0.121% |
| 67         | 6.798 | 6.779 | 6.816 | VV | 41594  | 622676  | 2.55%  | 0.150% |
| 68         | 6.845 | 6.816 | 6.866 | VV | 78521  | 1284968 | 5.26%  | 0.310% |
| 69         | 6.886 | 6.866 | 6.921 | VV | 104179 | 1765968 | 7.24%  | 0.426% |
| 70         | 6.952 | 6.921 | 6.979 | VV | 269875 | 3867230 | 15.85% | 0.933% |
| 71         | 6.994 | 6.979 | 7.010 | VV | 46440  | 616896  | 2.53%  | 0.149% |
| 72         | 7.030 | 7.010 | 7.067 | VV | 89498  | 1836613 | 7.53%  | 0.443% |
| 73         | 7.090 | 7.067 | 7.114 | VV | 75314  | 1471611 | 6.03%  | 0.355% |
| 74         | 7.131 | 7.114 | 7.143 | VV | 23069  | 339380  | 1.39%  | 0.082% |
| 75         | 7.156 | 7.143 | 7.169 | VV | 26399  | 347338  | 1.42%  | 0.084% |
| 76         | 7.184 | 7.169 | 7.200 | VV | 30053  | 453524  | 1.86%  | 0.109% |
| 77         | 7.230 | 7.200 | 7.244 | VV | 425972 | 4888551 | 20.03% | 1.179% |
| 78         | 7.254 | 7.244 | 7.273 | VV | 222951 | 2640769 | 10.82% | 0.637% |
| 79         | 7.287 | 7.273 | 7.303 | VV | 137439 | 1618717 | 6.63%  | 0.391% |
| 80         | 7.320 | 7.303 | 7.361 | VV | 74338  | 1695462 | 6.95%  | 0.409% |
| 81         | 7.373 | 7.361 | 7.381 | VV | 21534  | 247020  | 1.01%  | 0.060% |
| 82         | 7.394 | 7.381 | 7.401 | VV | 26902  | 296725  | 1.22%  | 0.072% |
| 83         | 7.421 | 7.401 | 7.431 | VV | 182422 | 1931905 | 7.92%  | 0.466% |
| 84         | 7.440 | 7.431 | 7.459 | VV | 179199 | 1913263 | 7.84%  | 0.462% |
| 85         | 7.475 | 7.459 | 7.497 | VV | 76825  | 1086137 | 4.45%  | 0.262% |
| 86         | 7.516 | 7.497 | 7.532 | VV | 74602  | 912509  | 3.74%  | 0.220% |
| 87         | 7.560 | 7.532 | 7.597 | VV | 655192 | 7316333 | 29.98% | 1.765% |
| 88         | 7.612 | 7.597 | 7.625 | VV | 48252  | 680721  | 2.79%  | 0.164% |
| 89         | 7.640 | 7.625 | 7.654 | VV | 54595  | 809068  | 3.32%  | 0.195% |

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|------------|-------|-------|-------|----|--------|---------|--------|--------|
| 90         | 7.674 | 7.654 | 7.698 | VV | 94894  | 1784164 | 7.31%  | 0.430% |
| 91         | 7.718 | 7.698 | 7.736 | VV | 81189  | 1368841 | 5.61%  | 0.330% |
| 92         | 7.761 | 7.736 | 7.787 | VV | 96458  | 1977885 | 8.10%  | 0.477% |
| 93         | 7.817 | 7.787 | 7.828 | VV | 71094  | 1284151 | 5.26%  | 0.310% |
| 94         | 7.851 | 7.828 | 7.863 | VV | 291322 | 3536396 | 14.49% | 0.853% |
| 95         | 7.873 | 7.863 | 7.901 | VV | 208833 | 2461070 | 10.08% | 0.594% |
| 96         | 7.922 | 7.901 | 7.927 | VV | 97034  | 1079457 | 4.42%  | 0.260% |
| 97         | 7.937 | 7.927 | 7.954 | VV | 115899 | 1500021 | 6.15%  | 0.362% |
| 98         | 7.958 | 7.954 | 7.977 | VV | 61051  | 672642  | 2.76%  | 0.162% |
| 99         | 8.000 | 7.977 | 8.007 | VV | 55980  | 808628  | 3.31%  | 0.195% |
| 100        | 8.029 | 8.007 | 8.054 | VV | 145996 | 2991655 | 12.26% | 0.722% |
| 101        | 8.067 | 8.054 | 8.081 | VV | 128169 | 1565098 | 6.41%  | 0.378% |
| 102        | 8.098 | 8.081 | 8.108 | VV | 145679 | 1845713 | 7.56%  | 0.445% |
| 103        | 8.123 | 8.108 | 8.142 | VV | 185399 | 2834373 | 11.61% | 0.684% |
| 104        | 8.152 | 8.142 | 8.173 | VV | 93108  | 1377131 | 5.64%  | 0.332% |
| 105        | 8.192 | 8.173 | 8.204 | VV | 86959  | 1397264 | 5.73%  | 0.337% |
| 106        | 8.220 | 8.204 | 8.248 | VV | 128390 | 2122251 | 8.70%  | 0.512% |
| 107        | 8.280 | 8.248 | 8.291 | VV | 167028 | 2332447 | 9.56%  | 0.563% |
| 108        | 8.303 | 8.291 | 8.318 | VV | 185126 | 2110727 | 8.65%  | 0.509% |
| 109        | 8.338 | 8.318 | 8.374 | VV | 258890 | 4310779 | 17.66% | 1.040% |
| 110        | 8.420 | 8.374 | 8.455 | VV | 350617 | 5475165 | 22.43% | 1.321% |
| 111        | 8.487 | 8.455 | 8.494 | VV | 83727  | 1502125 | 6.15%  | 0.362% |
| 112        | 8.507 | 8.494 | 8.521 | VV | 115020 | 1478026 | 6.06%  | 0.357% |
| 113        | 8.557 | 8.521 | 8.581 | VV | 141306 | 3838885 | 15.73% | 0.926% |
| 114        | 8.592 | 8.581 | 8.607 | VV | 115761 | 1470724 | 6.03%  | 0.355% |
| 115        | 8.633 | 8.607 | 8.645 | VV | 110470 | 2059921 | 8.44%  | 0.497% |
| 116        | 8.654 | 8.645 | 8.673 | VV | 100306 | 1372504 | 5.62%  | 0.331% |
| 117        | 8.685 | 8.673 | 8.696 | VV | 64723  | 823763  | 3.38%  | 0.199% |
| 118        | 8.711 | 8.696 | 8.722 | VV | 83879  | 1160556 | 4.76%  | 0.280% |
| 119        | 8.731 | 8.722 | 8.737 | VV | 77619  | 663131  | 2.72%  | 0.160% |
| 120        | 8.754 | 8.737 | 8.787 | VV | 141332 | 3025810 | 12.40% | 0.730% |
| 121        | 8.801 | 8.787 | 8.818 | VV | 92228  | 1465730 | 6.01%  | 0.354% |
| 122        | 8.833 | 8.818 | 8.847 | VV | 84108  | 1301791 | 5.33%  | 0.314% |
| 123        | 8.863 | 8.847 | 8.871 | VV | 87350  | 1140185 | 4.67%  | 0.275% |
| 124        | 8.879 | 8.871 | 8.893 | VV | 85233  | 995416  | 4.08%  | 0.240% |
| 125        | 8.903 | 8.893 | 8.909 | VV | 71774  | 649710  | 2.66%  | 0.157% |
| 126        | 8.937 | 8.909 | 8.953 | VV | 219232 | 3882346 | 15.91% | 0.937% |
| 127        | 8.964 | 8.953 | 9.011 | VV | 144608 | 3429434 | 14.05% | 0.827% |
| 128        | 9.029 | 9.011 | 9.047 | VV | 98579  | 1753469 | 7.18%  | 0.423% |
| 129        | 9.077 | 9.047 | 9.095 | VV | 109886 | 2429850 | 9.96%  | 0.586% |
| 130        | 9.110 | 9.095 | 9.124 | VV | 111408 | 1547881 | 6.34%  | 0.373% |
| 131        | 9.135 | 9.124 | 9.146 | VV | 84014  | 990207  | 4.06%  | 0.239% |
| 132        | 9.162 | 9.146 | 9.180 | VV | 126893 | 2005978 | 8.22%  | 0.484% |
| 133        | 9.188 | 9.180 | 9.197 | VV | 79627  | 807053  | 3.31%  | 0.195% |
| 134        | 9.216 | 9.197 | 9.232 | VV | 150364 | 2315258 | 9.49%  | 0.559% |
| 135        | 9.239 | 9.232 | 9.252 | VV | 91411  | 986915  | 4.04%  | 0.238% |
| 136        | 9.264 | 9.252 | 9.277 | VV | 92630  | 1289255 | 5.28%  | 0.311% |
| 137        | 9.287 | 9.277 | 9.300 | VV | 86194  | 1115455 | 4.57%  | 0.269% |
| 138        | 9.310 | 9.300 | 9.337 | VV | 83968  | 1675429 | 6.86%  | 0.404% |
| 139        | 9.374 | 9.337 | 9.386 | VV | 119726 | 2695198 | 11.04% | 0.650% |
| 140        | 9.397 | 9.386 | 9.414 | VV | 118053 | 1723724 | 7.06%  | 0.416% |
| 141        | 9.418 | 9.414 | 9.428 | VV | 79045  | 631068  | 2.59%  | 0.152% |

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|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 142        | 9.444  | 9.428  | 9.462  | VV | 96605  | 1687150 | 6.91%  | 0.407% |
| 143        | 9.497  | 9.462  | 9.516  | VV | 125129 | 3260275 | 13.36% | 0.787% |
| 144        | 9.537  | 9.516  | 9.553  | VV | 107759 | 2011426 | 8.24%  | 0.485% |
| 145        | 9.579  | 9.553  | 9.586  | VV | 95673  | 1695258 | 6.95%  | 0.409% |
| 146        | 9.596  | 9.586  | 9.607  | VV | 96160  | 1207160 | 4.95%  | 0.291% |
| 147        | 9.619  | 9.607  | 9.630  | VV | 98833  | 1266329 | 5.19%  | 0.306% |
| 148        | 9.660  | 9.630  | 9.689  | VV | 128450 | 3766455 | 15.43% | 0.909% |
| 149        | 9.714  | 9.689  | 9.762  | VV | 255343 | 5196347 | 21.29% | 1.254% |
| 150        | 9.803  | 9.762  | 9.855  | VV | 82456  | 3922683 | 16.07% | 0.946% |
| 151        | 9.879  | 9.855  | 9.917  | VV | 120262 | 3167207 | 12.98% | 0.764% |
| 152        | 9.924  | 9.917  | 9.928  | VV | 67292  | 474043  | 1.94%  | 0.114% |
| 153        | 9.977  | 9.928  | 9.996  | VV | 91278  | 3173161 | 13.00% | 0.766% |
| 154        | 10.037 | 9.996  | 10.052 | VV | 106885 | 2884591 | 11.82% | 0.696% |
| 155        | 10.063 | 10.052 | 10.077 | VV | 91342  | 1291981 | 5.29%  | 0.312% |
| 156        | 10.102 | 10.077 | 10.124 | VV | 153544 | 3137286 | 12.85% | 0.757% |
| 157        | 10.157 | 10.124 | 10.198 | VV | 119972 | 4254990 | 17.43% | 1.027% |
| 158        | 10.214 | 10.198 | 10.231 | VV | 135193 | 2116503 | 8.67%  | 0.511% |
| 159        | 10.244 | 10.231 | 10.269 | VV | 104751 | 2104871 | 8.62%  | 0.508% |
| 160        | 10.287 | 10.269 | 10.300 | VV | 101411 | 1686495 | 6.91%  | 0.407% |
| 161        | 10.312 | 10.300 | 10.326 | VV | 105445 | 1538408 | 6.30%  | 0.371% |
| 162        | 10.347 | 10.326 | 10.372 | VV | 148073 | 3004493 | 12.31% | 0.725% |
| 163        | 10.389 | 10.372 | 10.405 | VV | 98088  | 1753109 | 7.18%  | 0.423% |
| 164        | 10.450 | 10.405 | 10.477 | VV | 239276 | 5492284 | 22.50% | 1.325% |
| 165        | 10.519 | 10.477 | 10.540 | VV | 154857 | 4293341 | 17.59% | 1.036% |
| 166        | 10.561 | 10.540 | 10.586 | VV | 108918 | 2607682 | 10.68% | 0.629% |
| 167        | 10.593 | 10.586 | 10.617 | VV | 81973  | 1400472 | 5.74%  | 0.338% |
| 168        | 10.650 | 10.617 | 10.669 | VV | 94888  | 2580681 | 10.57% | 0.623% |
| 169        | 10.687 | 10.669 | 10.704 | VV | 116705 | 2051485 | 8.41%  | 0.495% |
| 170        | 10.726 | 10.704 | 10.745 | VV | 115821 | 2264141 | 9.28%  | 0.546% |
| 171        | 10.769 | 10.745 | 10.811 | VV | 105895 | 3357356 | 13.76% | 0.810% |
| 172        | 10.838 | 10.811 | 10.855 | VV | 90468  | 2213143 | 9.07%  | 0.534% |
| 173        | 10.864 | 10.855 | 10.882 | VV | 84429  | 1306963 | 5.36%  | 0.315% |
| 174        | 10.915 | 10.882 | 10.928 | VV | 89764  | 2280389 | 9.34%  | 0.550% |
| 175        | 10.949 | 10.928 | 10.976 | VV | 89627  | 2260746 | 9.26%  | 0.545% |
| 176        | 11.000 | 10.976 | 11.021 | VV | 109650 | 2303918 | 9.44%  | 0.556% |
| 177        | 11.052 | 11.021 | 11.069 | VV | 94019  | 2307031 | 9.45%  | 0.557% |
| 178        | 11.099 | 11.069 | 11.125 | VV | 93385  | 2847323 | 11.67% | 0.687% |
| 179        | 11.148 | 11.125 | 11.199 | VV | 189637 | 4887617 | 20.03% | 1.179% |
| 180        | 11.207 | 11.199 | 11.214 | VV | 74819  | 667249  | 2.73%  | 0.161% |
| 181        | 11.239 | 11.214 | 11.250 | VV | 107364 | 2019454 | 8.27%  | 0.487% |
| 182        | 11.259 | 11.250 | 11.278 | VV | 101327 | 1470670 | 6.03%  | 0.355% |
| 183        | 11.282 | 11.278 | 11.294 | VV | 75799  | 722932  | 2.96%  | 0.174% |
| 184        | 11.332 | 11.294 | 11.352 | VV | 87175  | 2812407 | 11.52% | 0.679% |
| 185        | 11.368 | 11.352 | 11.406 | VV | 87815  | 2501128 | 10.25% | 0.603% |
| 186        | 11.461 | 11.406 | 11.484 | VV | 492398 | 8015094 | 32.84% | 1.934% |
| 187        | 11.488 | 11.484 | 11.506 | VV | 79640  | 961967  | 3.94%  | 0.232% |
| 188        | 11.522 | 11.506 | 11.536 | VV | 85258  | 1408730 | 5.77%  | 0.340% |
| 189        | 11.551 | 11.536 | 11.561 | VV | 81633  | 1209585 | 4.96%  | 0.292% |
| 190        | 11.577 | 11.561 | 11.599 | VV | 98981  | 1943865 | 7.96%  | 0.469% |
| 191        | 11.612 | 11.599 | 11.622 | VV | 78690  | 1027280 | 4.21%  | 0.248% |
| 192        | 11.637 | 11.622 | 11.656 | VV | 93286  | 1671108 | 6.85%  | 0.403% |
| 193        | 11.679 | 11.656 | 11.693 | VV | 76386  | 1641385 | 6.73%  | 0.396% |
| 194        | 11.704 | 11.693 | 11.719 | VV | 80087  | 1132850 | 4.64%  | 0.273% |

Instrument :  
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Manual Integrations  
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| rteres.txt |        |        |        |    |         |          |         |        |
|------------|--------|--------|--------|----|---------|----------|---------|--------|
| 195        | 11.742 | 11.719 | 11.764 | VV | 73658   | 1853177  | 7.59%   | 0.447% |
| 196        | 11.815 | 11.764 | 11.840 | VV | 159021  | 4453744  | 18.25%  | 1.075% |
| 197        | 11.868 | 11.840 | 11.911 | VV | 420413  | 6652912  | 27.26%  | 1.605% |
| 198        | 11.919 | 11.911 | 11.939 | VV | 65652   | 1068309  | 4.38%   | 0.258% |
| 199        | 11.953 | 11.939 | 11.959 | VV | 58328   | 672821   | 2.76%   | 0.162% |
| 200        | 11.972 | 11.959 | 11.999 | VV | 59175   | 1375912  | 5.64%   | 0.332% |
| 201        | 12.015 | 11.999 | 12.030 | VV | 57586   | 1050700  | 4.31%   | 0.254% |
| 202        | 12.054 | 12.030 | 12.072 | VV | 76604   | 1612165  | 6.61%   | 0.389% |
| 203        | 12.100 | 12.072 | 12.134 | VV | 65680   | 2211065  | 9.06%   | 0.533% |
| 204        | 12.167 | 12.134 | 12.196 | VV | 67033   | 2258519  | 9.25%   | 0.545% |
| 205        | 12.225 | 12.196 | 12.255 | VV | 68592   | 2121938  | 8.69%   | 0.512% |
| 206        | 12.279 | 12.255 | 12.311 | VV | 75682   | 2131938  | 8.74%   | 0.514% |
| 207        | 12.321 | 12.311 | 12.336 | VV | 56120   | 805437   | 3.30%   | 0.194% |
| 208        | 12.344 | 12.336 | 12.355 | VV | 56390   | 643540   | 2.64%   | 0.155% |
| 209        | 12.386 | 12.355 | 12.406 | VV | 72796   | 1873603  | 7.68%   | 0.452% |
| 210        | 12.421 | 12.406 | 12.428 | VV | 60904   | 794112   | 3.25%   | 0.192% |
| 211        | 12.450 | 12.428 | 12.479 | VV | 129965  | 2460448  | 10.08%  | 0.594% |
| 212        | 12.500 | 12.479 | 12.549 | VV | 67841   | 2389313  | 9.79%   | 0.576% |
| 213        | 12.556 | 12.549 | 12.574 | VV | 49719   | 723574   | 2.96%   | 0.175% |
| 214        | 12.582 | 12.574 | 12.604 | VV | 47976   | 819778   | 3.36%   | 0.198% |
| 215        | 12.627 | 12.604 | 12.646 | VV | 47418   | 1142392  | 4.68%   | 0.276% |
| 216        | 12.657 | 12.646 | 12.677 | VV | 44060   | 800637   | 3.28%   | 0.193% |
| 217        | 12.699 | 12.677 | 12.708 | VV | 43799   | 775476   | 3.18%   | 0.187% |
| 218        | 12.726 | 12.708 | 12.752 | VV | 47924   | 1162397  | 4.76%   | 0.280% |
| 219        | 12.756 | 12.752 | 12.774 | VV | 40003   | 512800   | 2.10%   | 0.124% |
| 220        | 12.795 | 12.774 | 12.823 | VV | 56272   | 1335414  | 5.47%   | 0.322% |
| 221        | 12.893 | 12.823 | 12.922 | VV | 1374611 | 24406053 | 100.00% | 5.889% |
| 222        | 12.944 | 12.922 | 12.962 | VV | 729395  | 8945704  | 36.65%  | 2.158% |
| 223        | 12.971 | 12.962 | 13.013 | VV | 92384   | 1691173  | 6.93%   | 0.408% |
| 224        | 13.060 | 13.013 | 13.088 | VV | 81875   | 2249936  | 9.22%   | 0.543% |
| 225        | 13.113 | 13.088 | 13.149 | VV | 173814  | 3056353  | 12.52%  | 0.737% |
| 226        | 13.157 | 13.149 | 13.182 | VV | 38008   | 696524   | 2.85%   | 0.168% |
| 227        | 13.195 | 13.182 | 13.212 | VV | 35766   | 601883   | 2.47%   | 0.145% |
| 228        | 13.228 | 13.212 | 13.253 | VV | 34699   | 776213   | 3.18%   | 0.187% |
| 229        | 13.284 | 13.253 | 13.317 | VV | 46295   | 1407592  | 5.77%   | 0.340% |
| 230        | 13.338 | 13.317 | 13.369 | VV | 35760   | 999429   | 4.10%   | 0.241% |
| 231        | 13.376 | 13.369 | 13.391 | VV | 28530   | 366292   | 1.50%   | 0.088% |
| 232        | 13.413 | 13.391 | 13.426 | VV | 28804   | 593020   | 2.43%   | 0.143% |
| 233        | 13.438 | 13.426 | 13.460 | VV | 27960   | 549733   | 2.25%   | 0.133% |
| 234        | 13.482 | 13.460 | 13.513 | VV | 27041   | 817908   | 3.35%   | 0.197% |
| 235        | 13.532 | 13.513 | 13.563 | VV | 37259   | 891613   | 3.65%   | 0.215% |
| 236        | 13.572 | 13.563 | 13.591 | VV | 25335   | 395879   | 1.62%   | 0.096% |
| 237        | 13.597 | 13.591 | 13.602 | VV | 22616   | 157701   | 0.65%   | 0.038% |
| 238        | 13.607 | 13.602 | 13.614 | VV | 22631   | 163331   | 0.67%   | 0.039% |
| 239        | 13.641 | 13.614 | 13.681 | VV | 53301   | 1373982  | 5.63%   | 0.332% |
| 240        | 13.699 | 13.681 | 13.717 | VV | 31407   | 569682   | 2.33%   | 0.137% |
| 241        | 13.730 | 13.717 | 13.743 | VV | 21143   | 320470   | 1.31%   | 0.077% |
| 242        | 13.747 | 13.743 | 13.779 | VV | 20672   | 419115   | 1.72%   | 0.101% |
| 243        | 13.791 | 13.779 | 13.811 | VV | 18278   | 335229   | 1.37%   | 0.081% |
| 244        | 13.829 | 13.811 | 13.841 | VV | 18578   | 327706   | 1.34%   | 0.079% |
| 245        | 13.860 | 13.841 | 13.906 | VV | 19808   | 727111   | 2.98%   | 0.175% |
| 246        | 13.929 | 13.906 | 13.957 | VV | 18683   | 537217   | 2.20%   | 0.130% |

Instrument :  
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|------------|--------|--------|--------|----|-------|--------|-------|--------|--|
| 247        | 13.971 | 13.957 | 13.981 | VV | 17496 | 240964 | 0.99% | 0.058% |  |
| 248        | 13.999 | 13.981 | 14.021 | VV | 21269 | 432096 | 1.77% | 0.104% |  |
| 249        | 14.030 | 14.021 | 14.040 | VV | 16031 | 184205 | 0.75% | 0.044% |  |
| 250        | 14.059 | 14.040 | 14.072 | VV | 16772 | 311357 | 1.28% | 0.075% |  |
| 251        | 14.092 | 14.072 | 14.112 | VV | 19342 | 394651 | 1.62% | 0.095% |  |
| 252        | 14.117 | 14.112 | 14.132 | VV | 14822 | 178252 | 0.73% | 0.043% |  |
| 253        | 14.145 | 14.132 | 14.174 | VV | 15260 | 339179 | 1.39% | 0.082% |  |
| 254        | 14.200 | 14.174 | 14.228 | VV | 31019 | 630841 | 2.58% | 0.152% |  |
| 255        | 14.255 | 14.228 | 14.297 | VV | 22368 | 640286 | 2.62% | 0.154% |  |
| 256        | 14.317 | 14.297 | 14.336 | VV | 18216 | 345583 | 1.42% | 0.083% |  |
| 257        | 14.353 | 14.336 | 14.371 | VV | 17733 | 303009 | 1.24% | 0.073% |  |
| 258        | 14.383 | 14.371 | 14.431 | VV | 14407 | 424349 | 1.74% | 0.102% |  |
| 259        | 14.443 | 14.431 | 14.455 | VV | 10206 | 141444 | 0.58% | 0.034% |  |
| 260        | 14.475 | 14.455 | 14.497 | VV | 13189 | 284834 | 1.17% | 0.069% |  |
| 261        | 14.514 | 14.497 | 14.535 | VV | 11969 | 237837 | 0.97% | 0.057% |  |
| 262        | 14.548 | 14.535 | 14.563 | VV | 9870  | 155197 | 0.64% | 0.037% |  |
| 263        | 14.573 | 14.563 | 14.608 | VV | 8698  | 220509 | 0.90% | 0.053% |  |
| 264        | 14.621 | 14.608 | 14.649 | VV | 7312  | 170991 | 0.70% | 0.041% |  |
| 265        | 14.664 | 14.649 | 14.684 | VV | 7715  | 148692 | 0.61% | 0.036% |  |
| 266        | 14.701 | 14.684 | 14.714 | VV | 7324  | 124336 | 0.51% | 0.030% |  |
| 267        | 14.737 | 14.714 | 14.765 | VV | 14443 | 287426 | 1.18% | 0.069% |  |
| 268        | 14.782 | 14.765 | 14.800 | VV | 6951  | 139207 | 0.57% | 0.034% |  |
| 269        | 14.816 | 14.800 | 14.854 | VV | 7473  | 204629 | 0.84% | 0.049% |  |
| 270        | 14.878 | 14.854 | 14.894 | VV | 5880  | 132305 | 0.54% | 0.032% |  |
| 271        | 14.898 | 14.894 | 14.926 | VV | 5760  | 97886  | 0.40% | 0.024% |  |
| 272        | 14.947 | 14.926 | 14.952 | VV | 5407  | 80416  | 0.33% | 0.019% |  |
| 273        | 14.969 | 14.952 | 15.019 | VV | 7592  | 204918 | 0.84% | 0.049% |  |
| 274        | 15.111 | 15.019 | 15.139 | VV | 12070 | 434730 | 1.78% | 0.105% |  |
| 275        | 15.150 | 15.139 | 15.227 | VV | 6341  | 230820 | 0.95% | 0.056% |  |
| 276        | 15.255 | 15.227 | 15.290 | VV | 8041  | 198187 | 0.81% | 0.048% |  |
| 277        | 15.312 | 15.290 | 15.361 | VV | 12439 | 234796 | 0.96% | 0.057% |  |
| 278        | 15.372 | 15.361 | 15.404 | VV | 2490  | 54951  | 0.23% | 0.013% |  |
| 279        | 15.448 | 15.404 | 15.464 | VV | 2276  | 73238  | 0.30% | 0.018% |  |
| 280        | 15.480 | 15.464 | 15.506 | VV | 2475  | 56048  | 0.23% | 0.014% |  |
| 281        | 15.526 | 15.506 | 15.550 | VV | 2125  | 49158  | 0.20% | 0.012% |  |
| 282        | 15.569 | 15.550 | 15.602 | VV | 1961  | 51848  | 0.21% | 0.013% |  |
| 283        | 15.618 | 15.602 | 15.652 | VV | 1695  | 45557  | 0.19% | 0.011% |  |
| 284        | 15.660 | 15.652 | 15.680 | VV | 1497  | 22551  | 0.09% | 0.005% |  |
| 285        | 15.696 | 15.680 | 15.725 | VV | 1588  | 36714  | 0.15% | 0.009% |  |
| 286        | 15.751 | 15.725 | 15.786 | VV | 5028  | 82706  | 0.34% | 0.020% |  |
| 287        | 15.812 | 15.786 | 15.862 | VV | 2447  | 58084  | 0.24% | 0.014% |  |
| 288        | 15.893 | 15.862 | 15.916 | VV | 3446  | 60113  | 0.25% | 0.015% |  |
| 289        | 15.930 | 15.916 | 15.956 | VV | 1352  | 26238  | 0.11% | 0.006% |  |
| 290        | 15.976 | 15.969 | 16.026 | VV | 712   | 18642  | 0.08% | 0.004% |  |
| 291        | 16.046 | 16.026 | 16.050 | VV | 643   | 7991   | 0.03% | 0.002% |  |
| 292        | 16.058 | 16.050 | 16.085 | VV | 671   | 11301  | 0.05% | 0.003% |  |
| 293        | 16.119 | 16.085 | 16.161 | VV | 2057  | 52316  | 0.21% | 0.013% |  |
| 294        | 16.173 | 16.161 | 16.185 | VV | 584   | 7656   | 0.03% | 0.002% |  |
| 295        | 16.235 | 16.185 | 16.262 | VV | 5438  | 119064 | 0.49% | 0.029% |  |
| 296        | 16.293 | 16.262 | 16.333 | VV | 4422  | 84681  | 0.35% | 0.020% |  |
| 297        | 16.362 | 16.333 | 16.383 | VV | 1434  | 24647  | 0.10% | 0.006% |  |
| 298        | 16.390 | 16.383 | 16.440 | VV | 598   | 12928  | 0.05% | 0.003% |  |
| 299        | 16.448 | 16.440 | 16.464 | VV | 343   | 4190   | 0.02% | 0.001% |  |

Instrument :  
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Manual Integrations  
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|-----|--------|--------|--------|----|------------|--------|-------|--------|
| 300 | 16.469 | 16.464 | 16.486 | VV | 361        | 3131   | 0.01% | 0.001% |
| 301 | 16.535 | 16.510 | 16.556 | VV | 442        | 7254   | 0.03% | 0.002% |
| 302 | 16.592 | 16.556 | 16.628 | VV | 8708       | 140099 | 0.57% | 0.034% |
| 303 | 16.651 | 16.628 | 16.669 | VV | 832        | 15130  | 0.06% | 0.004% |
| 304 | 16.696 | 16.669 | 16.723 | VV | 7249       | 99969  | 0.41% | 0.024% |
| 305 | 16.746 | 16.723 | 16.768 | VV | 2133       | 33834  | 0.14% | 0.008% |
| 306 | 16.773 | 16.768 | 16.833 | VV | 1102       | 17932  | 0.07% | 0.004% |
| 307 | 16.872 | 16.843 | 16.891 | VV | 287        | 4416   | 0.02% | 0.001% |
| 308 | 16.900 | 16.891 | 16.922 | VV | 218        | 3200   | 0.01% | 0.001% |
| 309 | 16.981 | 16.922 | 17.008 | VV | 781        | 21311  | 0.09% | 0.005% |
| 310 | 17.057 | 17.008 | 17.105 | VV | 2837       | 65084  | 0.27% | 0.016% |
| 311 | 17.146 | 17.105 | 17.188 | VV | 11370      | 161928 | 0.66% | 0.039% |
| 312 | 17.244 | 17.188 | 17.283 | VV | 19924      | 331848 | 1.36% | 0.080% |
| 313 | 17.321 | 17.294 | 17.344 | VV | 675        | 14110  | 0.06% | 0.003% |
| 314 | 17.347 | 17.344 | 17.389 | VV | 455        | 6681   | 0.03% | 0.002% |
| 315 | 17.423 | 17.389 | 17.462 | PV | 791        | 19059  | 0.08% | 0.005% |
| 316 | 17.468 | 17.462 | 17.474 | VV | 287        | 1642   | 0.01% | 0.000% |
| 317 | 17.479 | 17.474 | 17.484 | VV | 277        | 1536   | 0.01% | 0.000% |
| 318 | 17.505 | 17.484 | 17.533 | VV | 884        | 18004  | 0.07% | 0.004% |
| 319 | 17.579 | 17.533 | 17.611 | VV | 15569      | 230546 | 0.94% | 0.056% |
| 320 | 17.667 | 17.611 | 17.730 | VV | 3687       | 83917  | 0.34% | 0.020% |
| 321 | 17.752 | 17.730 | 17.769 | VV | 657        | 10514  | 0.04% | 0.003% |
| 322 | 17.803 | 17.769 | 17.811 | VV | 517        | 11687  | 0.05% | 0.003% |
| 323 | 17.856 | 17.811 | 17.906 | VV | 45648      | 774640 | 3.17% | 0.187% |
| 324 | 17.933 | 17.906 | 17.974 | VV | 13802      | 263393 | 1.08% | 0.064% |
| 325 | 18.001 | 17.974 | 18.051 | VV | 21718      | 342100 | 1.40% | 0.083% |
| 326 | 18.057 | 18.051 | 18.075 | VV | 961        | 12460  | 0.05% | 0.003% |
| 327 | 18.094 | 18.075 | 18.143 | VV | 1785       | 36004  | 0.15% | 0.009% |
| 328 | 18.207 | 18.176 | 18.233 | PV | 2172       | 28390  | 0.12% | 0.007% |
| 329 | 18.260 | 18.233 | 18.293 | VV | 1370       | 22906  | 0.09% | 0.006% |

Sum of corrected areas: 414469652

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