

Instrument :  
FID\_C  
ClientSampleId :  
1

rteres

# Area Percent Report

Manual Integrations  
APPROVED

Ankita  
1/5/2021 11:11:19 AM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC010421AL\  
Data File : FC051534.D  
Signal(s) : FID1A.CH  
Acq On : 04 Jan 2021 13:09  
Sample : L5246-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 122120.M  
Title : GC Extractables

Signal : FID1A.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 3.321       | 3.302        | 3.330      | BV       | 501            | 4843         | 0.02%          | 0.000%        |
| 2         | 3.343       | 3.330        | 3.367      | VV       | 1089           | 11171        | 0.05%          | 0.001%        |
| 3         | 3.373       | 3.367        | 3.397      | VV       | 276            | 2201         | 0.01%          | 0.000%        |
| 4         | 3.449       | 3.397        | 3.462      | PV       | 642            | 7889         | 0.03%          | 0.001%        |
| 5         | 3.473       | 3.462        | 3.490      | VV       | 507            | 5696         | 0.02%          | 0.000%        |
| 6         | 3.503       | 3.490        | 3.519      | VV       | 451            | 5816         | 0.02%          | 0.000%        |
| 7         | 3.531       | 3.519        | 3.554      | VV       | 431            | 6517         | 0.03%          | 0.001%        |
| 8         | 3.565       | 3.554        | 3.576      | VV       | 655            | 5569         | 0.02%          | 0.000%        |
| 9         | 3.597       | 3.576        | 3.622      | VV       | 1397           | 20556        | 0.08%          | 0.002%        |
| 10        | 3.654       | 3.622        | 3.669      | PV       | 878            | 13359        | 0.05%          | 0.001%        |
| 11        | 3.696       | 3.669        | 3.738      | VV       | 1946           | 42848        | 0.18%          | 0.003%        |
| 12        | 3.768       | 3.738        | 3.804      | VV       | 2681           | 41868        | 0.17%          | 0.003%        |
| 13        | 3.819       | 3.804        | 3.849      | VV       | 1567           | 20432        | 0.08%          | 0.002%        |
| 14        | 3.865       | 3.849        | 3.887      | VV       | 2443           | 21479        | 0.09%          | 0.002%        |
| 15        | 3.922       | 3.887        | 3.960      | VV       | 2086           | 52379        | 0.21%          | 0.004%        |
| 16        | 3.990       | 3.960        | 4.005      | PV       | 1445           | 21792        | 0.09%          | 0.002%        |
| 17        | 4.020       | 4.005        | 4.038      | VV       | 2333           | 27487        | 0.11%          | 0.002%        |
| 18        | 4.086       | 4.038        | 4.108      | VV       | 3709           | 84731        | 0.35%          | 0.007%        |
| 19        | 4.170       | 4.108        | 4.182      | VV       | 2916           | 65853        | 0.27%          | 0.005%        |
| 20        | 4.196       | 4.182        | 4.222      | VV       | 3636           | 60043        | 0.25%          | 0.005%        |
| 21        | 4.235       | 4.222        | 4.271      | VV       | 3050           | 41695        | 0.17%          | 0.003%        |
| 22        | 4.306       | 4.271        | 4.324      | PV       | 4172           | 58995        | 0.24%          | 0.005%        |
| 23        | 4.347       | 4.324        | 4.365      | VV       | 3276           | 58328        | 0.24%          | 0.005%        |
| 24        | 4.391       | 4.365        | 4.424      | VV       | 3956           | 97935        | 0.40%          | 0.008%        |
| 25        | 4.433       | 4.424        | 4.445      | VV       | 2374           | 23623        | 0.10%          | 0.002%        |
| 26        | 4.460       | 4.445        | 4.489      | VV       | 4104           | 69989        | 0.29%          | 0.006%        |
| 27        | 4.507       | 4.489        | 4.520      | VV       | 1739           | 26817        | 0.11%          | 0.002%        |
| 28        | 4.551       | 4.520        | 4.572      | VV       | 5351           | 105429       | 0.43%          | 0.009%        |
| 29        | 4.590       | 4.572        | 4.605      | VV       | 9566           | 122160       | 0.50%          | 0.010%        |
| 30        | 4.614       | 4.605        | 4.629      | VV       | 6085           | 70907        | 0.29%          | 0.006%        |
| 31        | 4.644       | 4.629        | 4.661      | VV       | 14070          | 150979       | 0.62%          | 0.012%        |
| 32        | 4.674       | 4.661        | 4.682      | VV       | 7337           | 75166        | 0.31%          | 0.006%        |
| 33        | 4.696       | 4.682        | 4.709      | VV       | 8877           | 124013       | 0.51%          | 0.010%        |
| 34        | 4.720       | 4.709        | 4.746      | VV       | 9485           | 155348       | 0.64%          | 0.013%        |
| 35        | 4.765       | 4.746        | 4.780      | VV       | 9173           | 139802       | 0.57%          | 0.011%        |
| 36        | 4.799       | 4.780        | 4.822      | VV       | 17651          | 259513       | 1.06%          | 0.021%        |

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|--------|-------|-------|-------|----|--------|---------|--------|--------|
| 37     | 4.864 | 4.822 | 4.887 | VV | 24125  | 419994  | 1.72%  | 0.034% |
| 38     | 4.912 | 4.887 | 4.926 | VV | 10105  | 176040  | 0.72%  | 0.014% |
| 39     | 4.947 | 4.926 | 4.969 | VV | 9123   | 183969  | 0.75%  | 0.015% |
| 40     | 5.018 | 4.969 | 5.056 | VV | 17040  | 519850  | 2.13%  | 0.042% |
| 41     | 5.082 | 5.056 | 5.095 | VV | 14008  | 245134  | 1.00%  | 0.020% |
| 42     | 5.110 | 5.095 | 5.120 | VV | 18521  | 212965  | 0.87%  | 0.017% |
| 43     | 5.132 | 5.120 | 5.173 | VV | 19968  | 418547  | 1.71%  | 0.034% |
| 44     | 5.198 | 5.173 | 5.210 | VV | 11202  | 206504  | 0.84%  | 0.017% |
| 45     | 5.230 | 5.210 | 5.241 | VV | 19221  | 281685  | 1.15%  | 0.023% |
| 46     | 5.252 | 5.241 | 5.272 | VV | 17770  | 302476  | 1.24%  | 0.025% |
| 47     | 5.291 | 5.272 | 5.306 | VV | 21626  | 366399  | 1.50%  | 0.030% |
| 48     | 5.321 | 5.306 | 5.334 | VV | 25192  | 332564  | 1.36%  | 0.027% |
| 49     | 5.346 | 5.334 | 5.360 | VV | 20945  | 285662  | 1.17%  | 0.023% |
| 50     | 5.378 | 5.360 | 5.400 | VV | 23356  | 432899  | 1.77%  | 0.035% |
| 51     | 5.454 | 5.400 | 5.479 | VV | 75360  | 1390214 | 5.68%  | 0.113% |
| 52     | 5.497 | 5.479 | 5.534 | VV | 25588  | 615427  | 2.52%  | 0.050% |
| 53     | 5.553 | 5.534 | 5.567 | VV | 22323  | 386763  | 1.58%  | 0.031% |
| 54     | 5.579 | 5.567 | 5.591 | VV | 23076  | 298281  | 1.22%  | 0.024% |
| 55     | 5.612 | 5.591 | 5.635 | VV | 84466  | 1167747 | 4.77%  | 0.095% |
| 56     | 5.689 | 5.635 | 5.700 | VV | 36285  | 1015353 | 4.15%  | 0.082% |
| 57     | 5.728 | 5.700 | 5.762 | VV | 41683  | 1210762 | 4.95%  | 0.098% |
| 58     | 5.777 | 5.762 | 5.787 | VV | 28410  | 374138  | 1.53%  | 0.030% |
| 59     | 5.822 | 5.787 | 5.858 | VV | 44854  | 1380839 | 5.65%  | 0.112% |
| 60     | 5.880 | 5.858 | 5.905 | VV | 43753  | 907312  | 3.71%  | 0.074% |
| 61     | 5.926 | 5.905 | 5.953 | VV | 50814  | 1156781 | 4.73%  | 0.094% |
| 62     | 5.979 | 5.953 | 6.005 | VV | 46866  | 1187099 | 4.85%  | 0.096% |
| 63     | 6.026 | 6.005 | 6.047 | VV | 68020  | 1210937 | 4.95%  | 0.098% |
| 64     | 6.075 | 6.047 | 6.094 | VV | 49062  | 1169463 | 4.78%  | 0.095% |
| 65     | 6.111 | 6.094 | 6.121 | VV | 49074  | 706596  | 2.89%  | 0.057% |
| 66     | 6.167 | 6.121 | 6.189 | VV | 76758  | 2415611 | 9.88%  | 0.196% |
| 67     | 6.214 | 6.189 | 6.233 | VV | 63927  | 1402689 | 5.74%  | 0.114% |
| 68     | 6.249 | 6.233 | 6.271 | VV | 73528  | 1282547 | 5.24%  | 0.104% |
| 69     | 6.290 | 6.271 | 6.306 | VV | 74868  | 1220362 | 4.99%  | 0.099% |
| 70     | 6.341 | 6.306 | 6.357 | VV | 81699  | 2043019 | 8.35%  | 0.166% |
| 71     | 6.368 | 6.357 | 6.377 | VV | 66862  | 774689  | 3.17%  | 0.063% |
| 72     | 6.389 | 6.377 | 6.417 | VV | 70522  | 1514032 | 6.19%  | 0.123% |
| 73     | 6.446 | 6.417 | 6.462 | VV | 65238  | 1631113 | 6.67%  | 0.132% |
| 74     | 6.473 | 6.462 | 6.487 | VV | 59434  | 836762  | 3.42%  | 0.068% |
| 75     | 6.504 | 6.487 | 6.514 | VV | 68253  | 977017  | 3.99%  | 0.079% |
| 76     | 6.560 | 6.514 | 6.577 | VV | 156667 | 3535827 | 14.46% | 0.287% |
| 77     | 6.601 | 6.577 | 6.622 | VV | 121467 | 2602751 | 10.64% | 0.211% |
| 78     | 6.633 | 6.622 | 6.657 | VV | 76676  | 1502957 | 6.15%  | 0.122% |
| 79     | 6.681 | 6.657 | 6.706 | VV | 108324 | 2600329 | 10.63% | 0.211% |
| 80     | 6.741 | 6.706 | 6.764 | VV | 99740  | 2967086 | 12.13% | 0.241% |
| 81     | 6.773 | 6.764 | 6.783 | VV | 82446  | 904432  | 3.70%  | 0.073% |
| 82     | 6.812 | 6.783 | 6.845 | VV | 99925  | 3299389 | 13.49% | 0.268% |
| 83     | 6.869 | 6.845 | 6.894 | VV | 111378 | 2762822 | 11.30% | 0.224% |
| 84     | 6.913 | 6.894 | 6.923 | VV | 139753 | 2081245 | 8.51%  | 0.169% |
| 85     | 6.934 | 6.923 | 6.952 | VV | 139153 | 2064325 | 8.44%  | 0.167% |
| 86     | 6.971 | 6.952 | 6.997 | VV | 140504 | 3032450 | 12.40% | 0.246% |
| 87     | 7.017 | 6.997 | 7.042 | VV | 121937 | 2859749 | 11.69% | 0.232% |
| 88     | 7.071 | 7.042 | 7.092 | VV | 133325 | 3221455 | 13.17% | 0.261% |
| 89     | 7.115 | 7.092 | 7.155 | VV | 261104 | 6015645 | 24.60% | 0.488% |

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|--------|-------|-------|-------|----|--------|----------|--------|--------|
| 90     | 7.168 | 7.155 | 7.184 | VV | 135524 | 1964933  | 8.03%  | 0.159% |
| 91     | 7.216 | 7.184 | 7.237 | VV | 181978 | 4305013  | 17.60% | 0.349% |
| 92     | 7.255 | 7.237 | 7.276 | VV | 124543 | 2731096  | 11.17% | 0.221% |
| 93     | 7.303 | 7.276 | 7.330 | VV | 154014 | 4436969  | 18.14% | 0.360% |
| 94     | 7.339 | 7.330 | 7.369 | VV | 135407 | 2965439  | 12.12% | 0.240% |
| 95     | 7.386 | 7.369 | 7.400 | VV | 138814 | 2482322  | 10.15% | 0.201% |
| 96     | 7.429 | 7.400 | 7.442 | VV | 154188 | 3444747  | 14.08% | 0.279% |
| 97     | 7.469 | 7.442 | 7.484 | VV | 172797 | 3855470  | 15.76% | 0.313% |
| 98     | 7.511 | 7.484 | 7.582 | VV | 231638 | 9427503  | 38.55% | 0.764% |
| 99     | 7.599 | 7.582 | 7.610 | VV | 150391 | 2338482  | 9.56%  | 0.190% |
| 100    | 7.630 | 7.610 | 7.657 | VV | 217327 | 5061989  | 20.70% | 0.410% |
| 101    | 7.673 | 7.657 | 7.693 | VV | 180702 | 3589504  | 14.68% | 0.291% |
| 102    | 7.719 | 7.693 | 7.747 | VV | 196533 | 5242995  | 21.44% | 0.425% |
| 103    | 7.769 | 7.747 | 7.783 | VV | 216464 | 3980985  | 16.28% | 0.323% |
| 104    | 7.793 | 7.783 | 7.805 | VV | 194717 | 2472852  | 10.11% | 0.201% |
| 105    | 7.816 | 7.805 | 7.834 | VV | 196549 | 3154321  | 12.90% | 0.256% |
| 106    | 7.860 | 7.834 | 7.879 | VV | 194710 | 4745013  | 19.40% | 0.385% |
| 107    | 7.907 | 7.879 | 7.926 | VV | 216695 | 5420622  | 22.16% | 0.440% |
| 108    | 7.950 | 7.926 | 7.991 | VV | 413666 | 9789815  | 40.03% | 0.794% |
| 109    | 8.032 | 7.991 | 8.060 | VV | 423904 | 10220376 | 41.79% | 0.829% |
| 110    | 8.086 | 8.060 | 8.108 | VV | 290060 | 6656275  | 27.22% | 0.540% |
| 111    | 8.121 | 8.108 | 8.139 | VV | 218823 | 3842680  | 15.71% | 0.312% |
| 112    | 8.159 | 8.139 | 8.170 | VV | 228065 | 4051576  | 16.57% | 0.329% |
| 113    | 8.192 | 8.170 | 8.201 | VV | 252314 | 4256600  | 17.40% | 0.345% |
| 114    | 8.213 | 8.201 | 8.240 | VV | 261895 | 5786387  | 23.66% | 0.469% |
| 115    | 8.258 | 8.240 | 8.277 | VV | 255856 | 5187682  | 21.21% | 0.421% |
| 116    | 8.299 | 8.277 | 8.317 | VV | 251367 | 5467056  | 22.35% | 0.443% |
| 117    | 8.326 | 8.317 | 8.339 | VV | 231719 | 3006890  | 12.29% | 0.244% |
| 118    | 8.372 | 8.339 | 8.417 | VV | 370499 | 13251832 | 54.18% | 1.074% |
| 119    | 8.436 | 8.417 | 8.448 | VV | 262062 | 4751756  | 19.43% | 0.385% |
| 120    | 8.477 | 8.448 | 8.525 | VV | 260456 | 11450340 | 46.82% | 0.928% |
| 121    | 8.543 | 8.525 | 8.552 | VV | 247056 | 3771162  | 15.42% | 0.306% |
| 122    | 8.568 | 8.552 | 8.582 | VV | 278649 | 4688088  | 19.17% | 0.380% |
| 123    | 8.601 | 8.582 | 8.620 | VV | 312470 | 6493823  | 26.55% | 0.527% |
| 124    | 8.638 | 8.620 | 8.650 | VV | 293769 | 5017629  | 20.52% | 0.407% |
| 125    | 8.669 | 8.650 | 8.688 | VV | 351854 | 6839552  | 27.97% | 0.555% |
| 126    | 8.708 | 8.688 | 8.718 | VV | 329590 | 5361329  | 21.92% | 0.435% |
| 127    | 8.748 | 8.718 | 8.773 | VV | 602459 | 14313684 | 58.53% | 1.161% |
| 128    | 8.801 | 8.773 | 8.809 | VV | 297518 | 6120387  | 25.02% | 0.496% |
| 129    | 8.828 | 8.809 | 8.854 | VV | 349881 | 8151084  | 33.33% | 0.661% |
| 130    | 8.894 | 8.854 | 8.915 | VV | 325002 | 10776572 | 44.06% | 0.874% |
| 131    | 8.967 | 8.915 | 8.999 | VV | 319191 | 14568612 | 59.57% | 1.181% |
| 132    | 9.036 | 8.999 | 9.089 | VV | 341693 | 16337273 | 66.80% | 1.325% |
| 133    | 9.120 | 9.089 | 9.149 | VV | 348591 | 10709041 | 43.79% | 0.868% |
| 134    | 9.166 | 9.149 | 9.182 | VV | 300718 | 5707404  | 23.34% | 0.463% |
| 135    | 9.191 | 9.182 | 9.211 | VV | 291711 | 4824036  | 19.72% | 0.391% |
| 136    | 9.242 | 9.211 | 9.259 | VV | 329481 | 8329123  | 34.06% | 0.675% |
| 137    | 9.270 | 9.259 | 9.305 | VV | 320870 | 8357839  | 34.17% | 0.678% |
| 138    | 9.337 | 9.305 | 9.357 | VV | 306096 | 9192010  | 37.58% | 0.745% |
| 139    | 9.427 | 9.357 | 9.467 | VV | 417602 | 21858627 | 89.37% | 1.772% |
| 140    | 9.489 | 9.467 | 9.520 | VV | 361268 | 10390121 | 42.48% | 0.842% |
| 141    | 9.540 | 9.520 | 9.556 | VV | 342301 | 6864098  | 28.07% | 0.557% |

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|--------|--------|--------|--------|----|--------|----------|---------|--------|
| 142    | 9.570  | 9.556  | 9.585  | VV | 355026 | 5957331  | 24.36%  | 0.483% |
| 143    | 9.591  | 9.585  | 9.618  | VV | 336909 | 6015281  | 24.60%  | 0.488% |
| 144    | 9.651  | 9.618  | 9.709  | VV | 298951 | 15449107 | 63.17%  | 1.253% |
| 145    | 9.732  | 9.709  | 9.743  | VV | 305436 | 6070514  | 24.82%  | 0.492% |
| 146    | 9.771  | 9.743  | 9.798  | VV | 361373 | 11005795 | 45.00%  | 0.892% |
| 147    | 9.815  | 9.798  | 9.838  | VV | 416519 | 8411311  | 34.39%  | 0.682% |
| 148    | 9.851  | 9.838  | 9.859  | VV | 310159 | 3770302  | 15.42%  | 0.306% |
| 149    | 9.897  | 9.859  | 9.905  | VV | 330847 | 8958338  | 36.63%  | 0.726% |
| 150    | 9.915  | 9.905  | 9.958  | VV | 325725 | 9694614  | 39.64%  | 0.786% |
| 151    | 9.989  | 9.958  | 9.999  | VV | 309310 | 7217928  | 29.51%  | 0.585% |
| 152    | 10.025 | 9.999  | 10.034 | VV | 312561 | 6397043  | 26.16%  | 0.519% |
| 153    | 10.048 | 10.034 | 10.072 | VV | 320888 | 7053997  | 28.84%  | 0.572% |
| 154    | 10.089 | 10.072 | 10.117 | VV | 319272 | 8194348  | 33.50%  | 0.664% |
| 155    | 10.129 | 10.117 | 10.137 | VV | 302321 | 3566247  | 14.58%  | 0.289% |
| 156    | 10.162 | 10.137 | 10.177 | VV | 350404 | 7813792  | 31.95%  | 0.634% |
| 157    | 10.204 | 10.177 | 10.230 | VV | 642539 | 14517334 | 59.36%  | 1.177% |
| 158    | 10.254 | 10.230 | 10.270 | VV | 356344 | 8041662  | 32.88%  | 0.652% |
| 159    | 10.289 | 10.270 | 10.319 | VV | 343747 | 9582596  | 39.18%  | 0.777% |
| 160    | 10.349 | 10.319 | 10.375 | VV | 412827 | 11504330 | 47.04%  | 0.933% |
| 161    | 10.394 | 10.375 | 10.421 | VV | 309843 | 8280640  | 33.86%  | 0.671% |
| 162    | 10.448 | 10.421 | 10.460 | VV | 319256 | 7380933  | 30.18%  | 0.598% |
| 163    | 10.485 | 10.460 | 10.512 | VV | 342536 | 10010276 | 40.93%  | 0.812% |
| 164    | 10.553 | 10.512 | 10.589 | VV | 468470 | 16491475 | 67.43%  | 1.337% |
| 165    | 10.629 | 10.589 | 10.656 | VV | 906353 | 20918963 | 85.53%  | 1.696% |
| 166    | 10.669 | 10.656 | 10.704 | VV | 351756 | 9421695  | 38.52%  | 0.764% |
| 167    | 10.721 | 10.704 | 10.735 | VV | 311896 | 5818089  | 23.79%  | 0.472% |
| 168    | 10.760 | 10.735 | 10.773 | VV | 327262 | 7238570  | 29.60%  | 0.587% |
| 169    | 10.798 | 10.773 | 10.819 | VV | 352385 | 9097576  | 37.20%  | 0.738% |
| 170    | 10.832 | 10.819 | 10.852 | VV | 342537 | 6583553  | 26.92%  | 0.534% |
| 171    | 10.883 | 10.852 | 10.912 | VV | 362655 | 12060580 | 49.31%  | 0.978% |
| 172    | 10.945 | 10.912 | 10.992 | VV | 399288 | 16536073 | 67.61%  | 1.341% |
| 173    | 11.006 | 10.992 | 11.019 | VV | 333351 | 5254633  | 21.48%  | 0.426% |
| 174    | 11.036 | 11.019 | 11.049 | VV | 335672 | 5743995  | 23.49%  | 0.466% |
| 175    | 11.060 | 11.049 | 11.087 | VV | 334711 | 7385371  | 30.20%  | 0.599% |
| 176    | 11.091 | 11.087 | 11.120 | VV | 319687 | 6304651  | 25.78%  | 0.511% |
| 177    | 11.146 | 11.120 | 11.177 | VV | 324740 | 10743027 | 43.93%  | 0.871% |
| 178    | 11.198 | 11.177 | 11.225 | VV | 331538 | 9351979  | 38.24%  | 0.758% |
| 179    | 11.255 | 11.225 | 11.314 | VV | 442279 | 18004640 | 73.62%  | 1.460% |
| 180    | 11.348 | 11.314 | 11.392 | VV | 663865 | 19220254 | 78.59%  | 1.558% |
| 181    | 11.410 | 11.392 | 11.435 | VV | 308766 | 7718475  | 31.56%  | 0.626% |
| 182    | 11.453 | 11.435 | 11.465 | VV | 291231 | 5158645  | 21.09%  | 0.418% |
| 183    | 11.551 | 11.465 | 11.597 | VV | 351149 | 24457242 | 100.00% | 1.983% |
| 184    | 11.628 | 11.597 | 11.637 | VV | 306753 | 7180718  | 29.36%  | 0.582% |
| 185    | 11.651 | 11.637 | 11.676 | VV | 323223 | 7152137  | 29.24%  | 0.580% |
| 186    | 11.693 | 11.676 | 11.705 | VV | 298026 | 5174663  | 21.16%  | 0.420% |
| 187    | 11.714 | 11.705 | 11.725 | VV | 298627 | 3446277  | 14.09%  | 0.279% |
| 188    | 11.764 | 11.725 | 11.790 | VV | 315135 | 11752131 | 48.05%  | 0.953% |
| 189    | 11.808 | 11.790 | 11.859 | VV | 300060 | 11720821 | 47.92%  | 0.950% |
| 190    | 11.923 | 11.859 | 11.981 | VV | 389149 | 22962429 | 93.89%  | 1.862% |
| 191    | 11.996 | 11.981 | 12.015 | VV | 277765 | 5584504  | 22.83%  | 0.453% |
| 192    | 12.041 | 12.015 | 12.097 | VV | 285828 | 13329228 | 54.50%  | 1.081% |
| 193    | 12.127 | 12.097 | 12.147 | VV | 272798 | 7861699  | 32.14%  | 0.637% |
| 194    | 12.152 | 12.147 | 12.174 | VV | 272675 | 4142436  | 16.94%  | 0.336% |

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Manual Integrations  
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| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 195    | 12.194 | 12.174 | 12.282 | VV | 279667 | 17008317 | 69.54% | 1.379% |
| 196    | 12.302 | 12.282 | 12.314 | VV | 260485 | 4837636  | 19.78% | 0.392% |
| 197    | 12.334 | 12.314 | 12.369 | VV | 268879 | 8390164  | 34.31% | 0.680% |
| 198    | 12.385 | 12.369 | 12.414 | VV | 250463 | 6504700  | 26.60% | 0.527% |
| 199    | 12.431 | 12.414 | 12.457 | VV | 246741 | 6134559  | 25.08% | 0.497% |
| 200    | 12.484 | 12.457 | 12.525 | VV | 257658 | 9749990  | 39.87% | 0.791% |
| 201    | 12.562 | 12.525 | 12.605 | VV | 313694 | 11937880 | 48.81% | 0.968% |
| 202    | 12.621 | 12.605 | 12.640 | VV | 234373 | 4650815  | 19.02% | 0.377% |
| 203    | 12.680 | 12.640 | 12.690 | VV | 227797 | 6694184  | 27.37% | 0.543% |
| 204    | 12.708 | 12.690 | 12.765 | VV | 228204 | 9402598  | 38.45% | 0.762% |
| 205    | 12.777 | 12.765 | 12.789 | VV | 201391 | 2766099  | 11.31% | 0.224% |
| 206    | 12.829 | 12.789 | 12.870 | VV | 214946 | 9987639  | 40.84% | 0.810% |
| 207    | 12.884 | 12.870 | 12.900 | VV | 200899 | 3502916  | 14.32% | 0.284% |
| 208    | 12.921 | 12.900 | 12.940 | VV | 199375 | 4584574  | 18.75% | 0.372% |
| 209    | 12.953 | 12.940 | 12.962 | VV | 194306 | 2486193  | 10.17% | 0.202% |
| 210    | 13.008 | 12.962 | 13.034 | VV | 496635 | 11680245 | 47.76% | 0.947% |
| 211    | 13.053 | 13.034 | 13.089 | VV | 213563 | 6425721  | 26.27% | 0.521% |
| 212    | 13.107 | 13.089 | 13.131 | VV | 190774 | 4502127  | 18.41% | 0.365% |
| 213    | 13.141 | 13.131 | 13.150 | VV | 172762 | 1951422  | 7.98%  | 0.158% |
| 214    | 13.172 | 13.150 | 13.194 | VV | 218865 | 5032720  | 20.58% | 0.408% |
| 215    | 13.218 | 13.194 | 13.295 | VV | 193342 | 10421350 | 42.61% | 0.845% |
| 216    | 13.307 | 13.295 | 13.320 | VV | 157138 | 2328143  | 9.52%  | 0.189% |
| 217    | 13.340 | 13.320 | 13.364 | VV | 161980 | 3978981  | 16.27% | 0.323% |
| 218    | 13.398 | 13.364 | 13.427 | VV | 175611 | 6039635  | 24.69% | 0.490% |
| 219    | 13.444 | 13.427 | 13.470 | VV | 154878 | 3898440  | 15.94% | 0.316% |
| 220    | 13.481 | 13.470 | 13.507 | VV | 152200 | 3231812  | 13.21% | 0.262% |
| 221    | 13.516 | 13.507 | 13.534 | VV | 146385 | 2277391  | 9.31%  | 0.185% |
| 222    | 13.548 | 13.534 | 13.570 | VV | 144849 | 3046526  | 12.46% | 0.247% |
| 223    | 13.595 | 13.570 | 13.639 | VV | 150309 | 5720481  | 23.39% | 0.464% |
| 224    | 13.668 | 13.639 | 13.727 | VV | 141790 | 6900047  | 28.21% | 0.559% |
| 225    | 13.755 | 13.727 | 13.794 | VV | 161091 | 5275923  | 21.57% | 0.428% |
| 226    | 13.814 | 13.794 | 13.830 | VV | 125740 | 2634276  | 10.77% | 0.214% |
| 227    | 13.840 | 13.830 | 13.890 | VV | 121017 | 4137580  | 16.92% | 0.335% |
| 228    | 13.897 | 13.890 | 13.930 | VV | 113456 | 2613703  | 10.69% | 0.212% |
| 229    | 13.939 | 13.930 | 13.952 | VV | 106568 | 1377529  | 5.63%  | 0.112% |
| 230    | 13.982 | 13.952 | 14.029 | VV | 127690 | 5114138  | 20.91% | 0.415% |
| 231    | 14.051 | 14.029 | 14.099 | VV | 106059 | 4220484  | 17.26% | 0.342% |
| 232    | 14.116 | 14.099 | 14.126 | VV | 100221 | 1551617  | 6.34%  | 0.126% |
| 233    | 14.146 | 14.126 | 14.209 | VV | 99502  | 4726096  | 19.32% | 0.383% |
| 234    | 14.221 | 14.209 | 14.251 | VV | 90142  | 2191134  | 8.96%  | 0.178% |
| 235    | 14.265 | 14.251 | 14.292 | VV | 89118  | 2066394  | 8.45%  | 0.168% |
| 236    | 14.313 | 14.292 | 14.367 | VV | 100752 | 3693002  | 15.10% | 0.299% |
| 237    | 14.385 | 14.367 | 14.422 | VV | 81846  | 2573931  | 10.52% | 0.209% |
| 238    | 14.439 | 14.422 | 14.479 | VV | 78912  | 2461959  | 10.07% | 0.200% |
| 239    | 14.492 | 14.479 | 14.502 | VV | 66161  | 920275   | 3.76%  | 0.075% |
| 240    | 14.517 | 14.502 | 14.548 | VV | 68380  | 1829901  | 7.48%  | 0.148% |
| 241    | 14.569 | 14.548 | 14.662 | VV | 68274  | 4258481  | 17.41% | 0.345% |
| 242    | 14.668 | 14.662 | 14.694 | VV | 57523  | 1076367  | 4.40%  | 0.087% |
| 243    | 14.708 | 14.694 | 14.730 | VV | 56336  | 1214066  | 4.96%  | 0.098% |
| 244    | 14.743 | 14.730 | 14.825 | VV | 54352  | 2848661  | 11.65% | 0.231% |
| 245    | 14.854 | 14.825 | 14.890 | VV | 57956  | 1972107  | 8.06%  | 0.160% |
| 246    | 14.908 | 14.890 | 14.973 | VV | 46666  | 2180880  | 8.92%  | 0.177% |

| rteres |        |        |        |    |       |         |       |        |  |
|--------|--------|--------|--------|----|-------|---------|-------|--------|--|
| 247    | 14.989 | 14.973 | 15.022 | VV | 41444 | 1150651 | 4.70% | 0.093% |  |
| 248    | 15.049 | 15.022 | 15.087 | VV | 38882 | 1431695 | 5.85% | 0.116% |  |
| 249    | 15.099 | 15.087 | 15.172 | VV | 37326 | 1739170 | 7.11% | 0.141% |  |
| 250    | 15.188 | 15.172 | 15.250 | VV | 32859 | 1442380 | 5.90% | 0.117% |  |
| 251    | 15.274 | 15.250 | 15.347 | VV | 29247 | 1546062 | 6.32% | 0.125% |  |
| 252    | 15.371 | 15.347 | 15.398 | VV | 31526 | 834931  | 3.41% | 0.068% |  |
| 253    | 15.417 | 15.398 | 15.444 | VV | 26292 | 660851  | 2.70% | 0.054% |  |
| 254    | 15.455 | 15.444 | 15.493 | VV | 22460 | 622611  | 2.55% | 0.050% |  |
| 255    | 15.509 | 15.493 | 15.529 | VV | 19222 | 401617  | 1.64% | 0.033% |  |
| 256    | 15.551 | 15.529 | 15.582 | VV | 18979 | 586113  | 2.40% | 0.048% |  |
| 257    | 15.592 | 15.582 | 15.614 | VV | 18509 | 344147  | 1.41% | 0.028% |  |
| 258    | 15.628 | 15.614 | 15.650 | VV | 17164 | 365111  | 1.49% | 0.030% |  |
| 259    | 15.682 | 15.650 | 15.739 | VV | 17584 | 838196  | 3.43% | 0.068% |  |
| 260    | 15.755 | 15.739 | 15.840 | VV | 14808 | 790002  | 3.23% | 0.064% |  |
| 261    | 15.871 | 15.840 | 15.900 | VV | 15358 | 463554  | 1.90% | 0.038% |  |
| 262    | 15.905 | 15.900 | 15.952 | VV | 12095 | 333958  | 1.37% | 0.027% |  |
| 263    | 15.965 | 15.952 | 16.024 | VV | 9919  | 387969  | 1.59% | 0.031% |  |
| 264    | 16.061 | 16.024 | 16.132 | VV | 9559  | 550438  | 2.25% | 0.045% |  |
| 265    | 16.139 | 16.132 | 16.150 | VV | 7331  | 78878   | 0.32% | 0.006% |  |
| 266    | 16.176 | 16.150 | 16.229 | VV | 8060  | 345056  | 1.41% | 0.028% |  |
| 267    | 16.238 | 16.229 | 16.287 | VV | 6790  | 204918  | 0.84% | 0.017% |  |
| 268    | 16.308 | 16.287 | 16.332 | VV | 5573  | 141187  | 0.58% | 0.011% |  |
| 269    | 16.355 | 16.332 | 16.385 | VV | 7073  | 176695  | 0.72% | 0.014% |  |
| 270    | 16.391 | 16.385 | 16.432 | VV | 4642  | 117729  | 0.48% | 0.010% |  |
| 271    | 16.453 | 16.432 | 16.479 | VV | 4103  | 106550  | 0.44% | 0.009% |  |
| 272    | 16.496 | 16.479 | 16.504 | VV | 3683  | 53786   | 0.22% | 0.004% |  |
| 273    | 16.517 | 16.504 | 16.549 | VV | 4102  | 98694   | 0.40% | 0.008% |  |
| 274    | 16.571 | 16.549 | 16.659 | VV | 3740  | 197210  | 0.81% | 0.016% |  |
| 275    | 16.677 | 16.659 | 16.726 | VV | 2659  | 90641   | 0.37% | 0.007% |  |
| 276    | 16.739 | 16.726 | 16.769 | VV | 1722  | 42141   | 0.17% | 0.003% |  |
| 277    | 16.786 | 16.769 | 16.799 | VV | 2014  | 32674   | 0.13% | 0.003% |  |
| 278    | 16.818 | 16.799 | 16.899 | VV | 3804  | 120092  | 0.49% | 0.010% |  |
| 279    | 16.910 | 16.899 | 16.929 | VV | 1292  | 18746   | 0.08% | 0.002% |  |
| 280    | 16.936 | 16.929 | 16.965 | VV | 1134  | 20403   | 0.08% | 0.002% |  |
| 281    | 16.972 | 16.965 | 16.984 | VV | 887   | 8488    | 0.03% | 0.001% |  |
| 282    | 17.008 | 16.984 | 17.020 | VV | 1157  | 20457   | 0.08% | 0.002% |  |
| 283    | 17.067 | 17.020 | 17.099 | VV | 1447  | 46021   | 0.19% | 0.004% |  |
| 284    | 17.115 | 17.099 | 17.126 | VV | 602   | 8649    | 0.04% | 0.001% |  |
| 285    | 17.150 | 17.126 | 17.180 | VV | 869   | 16514   | 0.07% | 0.001% |  |
| 286    | 17.193 | 17.180 | 17.202 | VV | 613   | 6018    | 0.02% | 0.000% |  |
| 287    | 17.215 | 17.202 | 17.227 | VV | 770   | 7581    | 0.03% | 0.001% |  |
| 288    | 17.269 | 17.227 | 17.327 | VV | 1994  | 46110   | 0.19% | 0.004% |  |
| 289    | 17.347 | 17.327 | 17.360 | VV | 628   | 8084    | 0.03% | 0.001% |  |
| 290    | 17.392 | 17.360 | 17.422 | VV | 888   | 19986   | 0.08% | 0.002% |  |
| 291    | 17.434 | 17.422 | 17.455 | VV | 462   | 5056    | 0.02% | 0.000% |  |
| 292    | 17.479 | 17.455 | 17.502 | VV | 377   | 4963    | 0.02% | 0.000% |  |
| 293    | 17.568 | 17.502 | 17.588 | PV | 473   | 12498   | 0.05% | 0.001% |  |
| 294    | 17.610 | 17.588 | 17.640 | VV | 957   | 17925   | 0.07% | 0.001% |  |
| 295    | 17.705 | 17.640 | 17.740 | VV | 2763  | 66650   | 0.27% | 0.005% |  |
| 296    | 17.752 | 17.740 | 17.771 | VV | 615   | 10974   | 0.04% | 0.001% |  |
| 297    | 17.783 | 17.771 | 17.809 | VV | 696   | 11216   | 0.05% | 0.001% |  |
| 298    | 17.856 | 17.809 | 17.909 | VV | 1664  | 63922   | 0.26% | 0.005% |  |
| 299    | 17.914 | 17.909 | 17.922 | VV | 1020  | 7685    | 0.03% | 0.001% |  |

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Manual Integrations  
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Instrument :  
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Manual Integrations  
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|     |        |        |        |    | rteres |         |       |        |
|-----|--------|--------|--------|----|--------|---------|-------|--------|
| 300 | 17.944 | 17.922 | 17.957 | VV | 1072   | 20050   | 0.08% | 0.002% |
| 301 | 18.001 | 17.957 | 18.014 | VV | 1210   | 37514   | 0.15% | 0.003% |
| 302 | 18.057 | 18.014 | 18.094 | VV | 1458   | 60521   | 0.25% | 0.005% |
| 303 | 18.129 | 18.094 | 18.155 | VV | 2795   | 65993   | 0.27% | 0.005% |
| 304 | 18.182 | 18.155 | 18.190 | VV | 1574   | 28415   | 0.12% | 0.002% |
| 305 | 18.221 | 18.190 | 18.240 | VV | 2446   | 58078   | 0.24% | 0.005% |
| 306 | 18.258 | 18.240 | 18.266 | VV | 1963   | 28609   | 0.12% | 0.002% |
| 307 | 18.282 | 18.266 | 18.300 | VV | 2162   | 40431   | 0.17% | 0.003% |
| 308 | 18.344 | 18.300 | 18.352 | VV | 2281   | 63946   | 0.26% | 0.005% |
| 309 | 18.445 | 18.352 | 18.457 | VV | 2873   | 159225  | 0.65% | 0.013% |
| 310 | 18.466 | 18.457 | 18.476 | VV | 2843   | 30706   | 0.13% | 0.002% |
| 311 | 18.536 | 18.476 | 18.577 | VV | 5184   | 219597  | 0.90% | 0.018% |
| 312 | 18.590 | 18.577 | 18.617 | VV | 3452   | 80629   | 0.33% | 0.007% |
| 313 | 18.645 | 18.617 | 18.670 | VV | 4453   | 122326  | 0.50% | 0.010% |
| 314 | 18.691 | 18.670 | 18.709 | VV | 4395   | 92522   | 0.38% | 0.008% |
| 315 | 18.733 | 18.709 | 18.744 | VV | 4176   | 84478   | 0.35% | 0.007% |
| 316 | 18.860 | 18.744 | 18.900 | VV | 5819   | 454207  | 1.86% | 0.037% |
| 317 | 18.934 | 18.900 | 18.955 | VV | 7145   | 206571  | 0.84% | 0.017% |
| 318 | 18.974 | 18.955 | 18.986 | VV | 6781   | 119508  | 0.49% | 0.010% |
| 319 | 19.016 | 18.986 | 19.029 | VV | 6932   | 169389  | 0.69% | 0.014% |
| 320 | 19.094 | 19.029 | 19.104 | VV | 7966   | 327035  | 1.34% | 0.027% |
| 321 | 19.238 | 19.104 | 19.251 | VV | 9700   | 752289  | 3.08% | 0.061% |
| 322 | 19.317 | 19.251 | 19.353 | VV | 12340  | 646211  | 2.64% | 0.052% |
| 323 | 19.366 | 19.353 | 19.375 | VV | 10982  | 144058  | 0.59% | 0.012% |
| 324 | 19.388 | 19.375 | 19.397 | VV | 11165  | 140051  | 0.57% | 0.011% |
| 325 | 19.601 | 19.397 | 19.615 | VV | 14061  | 1630370 | 6.67% | 0.132% |
| 326 | 19.639 | 19.615 | 19.652 | VV | 14454  | 312637  | 1.28% | 0.025% |
| 327 | 19.696 | 19.652 | 19.712 | VV | 15716  | 533076  | 2.18% | 0.043% |
| 328 | 19.749 | 19.712 | 19.764 | VV | 16483  | 486944  | 1.99% | 0.039% |
| 329 | 19.817 | 19.764 | 19.827 | VV | 17692  | 642930  | 2.63% | 0.052% |
| 330 | 19.888 | 19.827 | 19.914 | VV | 19651  | 990324  | 4.05% | 0.080% |
| 331 | 20.017 | 19.914 | 20.032 | VV | 22457  | 1475314 | 6.03% | 0.120% |
| 332 | 20.057 | 20.032 | 20.077 | VV | 23950  | 630792  | 2.58% | 0.051% |
| 333 | 20.097 | 20.077 | 20.112 | VV | 24983  | 512981  | 2.10% | 0.042% |
| 334 | 20.128 | 20.112 | 20.142 | VV | 24286  | 432133  | 1.77% | 0.035% |
| 335 | 20.199 | 20.142 | 20.209 | VV | 24846  | 968233  | 3.96% | 0.079% |
| 336 | 20.232 | 20.209 | 20.254 | VV | 25729  | 678878  | 2.78% | 0.055% |
| 337 | 20.273 | 20.254 | 20.290 | VV | 25940  | 566663  | 2.32% | 0.046% |
| 338 | 20.338 | 20.290 | 20.353 | VV | 27523  | 1006409 | 4.11% | 0.082% |
| 339 | 20.411 | 20.353 | 20.462 | VV | 29176  | 1833816 | 7.50% | 0.149% |
| 340 | 20.476 | 20.462 | 20.487 | VV | 28183  | 428276  | 1.75% | 0.035% |
| 341 | 20.527 | 20.487 | 20.552 | VV | 28717  | 1101776 | 4.50% | 0.089% |
| 342 | 20.598 | 20.552 | 20.639 | VV | 29226  | 1492565 | 6.10% | 0.121% |
| 343 | 20.643 | 20.639 | 20.707 | VV | 28758  | 1127745 | 4.61% | 0.091% |
| 344 | 20.724 | 20.707 | 20.732 | VV | 27295  | 415256  | 1.70% | 0.034% |
| 345 | 20.793 | 20.732 | 20.832 | VV | 28965  | 1667703 | 6.82% | 0.135% |
| 346 | 20.846 | 20.832 | 20.855 | VV | 27084  | 372680  | 1.52% | 0.030% |
| 347 | 20.901 | 20.855 | 20.930 | VV | 28126  | 1239465 | 5.07% | 0.100% |
| 348 | 20.939 | 20.930 | 20.981 | VV | 27623  | 829190  | 3.39% | 0.067% |
| 349 | 20.995 | 20.981 | 21.007 | VV | 26902  | 412693  | 1.69% | 0.033% |
| 350 | 21.029 | 21.007 | 21.045 | VV | 26881  | 613635  | 2.51% | 0.050% |
| 351 | 21.102 | 21.045 | 21.138 | VV | 27794  | 1503544 | 6.15% | 0.122% |

| rteres                             |        |        |        |     |       |         |       |        |  |
|------------------------------------|--------|--------|--------|-----|-------|---------|-------|--------|--|
| 352                                | 21.158 | 21.138 | 21.171 | VV  | 27780 | 553001  | 2.26% | 0.045% |  |
| 353                                | 21.182 | 21.171 | 21.197 | VV  | 27241 | 419851  | 1.72% | 0.034% |  |
| 354                                | 21.207 | 21.197 | 21.272 | VV  | 27148 | 1150541 | 4.70% | 0.093% |  |
| 355                                | 21.320 | 21.272 | 21.330 | VV  | 25003 | 870790  | 3.56% | 0.071% |  |
| 356                                | 21.343 | 21.330 | 21.355 | VV  | 25004 | 360030  | 1.47% | 0.029% |  |
| 357                                | 21.399 | 21.355 | 21.406 | VV  | 25264 | 773660  | 3.16% | 0.063% |  |
| 358                                | 21.419 | 21.406 | 21.434 | VV  | 25164 | 411352  | 1.68% | 0.033% |  |
| 359                                | 21.451 | 21.434 | 21.468 | VV  | 24880 | 502297  | 2.05% | 0.041% |  |
| 360                                | 21.521 | 21.468 | 21.554 | VV  | 25437 | 1292752 | 5.29% | 0.105% |  |
| 361                                | 21.580 | 21.554 | 21.645 | VV  | 25557 | 1374329 | 5.62% | 0.111% |  |
| 362                                | 21.657 | 21.645 | 21.724 | VV  | 24719 | 1142751 | 4.67% | 0.093% |  |
| 363                                | 21.751 | 21.724 | 21.774 | VV  | 24312 | 723591  | 2.96% | 0.059% |  |
| 364                                | 21.824 | 21.774 | 21.840 | VBA | 25262 | 1012527 | 4.14% | 0.082% |  |
| Sum of corrected areas: 1233316505 |        |        |        |     |       |         |       |        |  |

Instrument :  
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Manual Integrations  
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