

Instrument :  
FID\_C  
ClientSampleId :

rteres

# Area Percent Report

Manual Integrations  
APPROVED

mohammad  
9/28/2021 12:47:28 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC092721AL\  
Data File : FC055846.D  
Signal(s) : FID1A.CH  
Acq On : 27 Sep 2021 20:25  
Sample : M3925-04  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 092021.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         | 3.403       | 3.375        | 3.416      | BV       | 373            | -1746        | -0.01%         | -0.000%       |
| 2         | 3.422       | 3.416        | 3.456      | PV       | 170            | 2138         | 0.01%          | 0.000%        |
| 3         | 3.468       | 3.456        | 3.502      | VV       | 242            | 2246         | 0.01%          | 0.000%        |
| 4         | 3.521       | 3.502        | 3.537      | PV       | 492            | 6209         | 0.02%          | 0.001%        |
| 5         | 3.550       | 3.537        | 3.572      | VV       | 577            | 6158         | 0.02%          | 0.001%        |
| 6         | 3.594       | 3.572        | 3.637      | VV       | 208            | 3684         | 0.01%          | 0.001%        |
| 7         | 3.695       | 3.637        | 3.722      | VV       | 1792           | 25584        | 0.08%          | 0.005%        |
| 8         | 3.739       | 3.722        | 3.747      | VV       | 590            | 6341         | 0.02%          | 0.001%        |
| 9         | 3.762       | 3.747        | 3.775      | VV       | 1984           | 19040        | 0.06%          | 0.004%        |
| 10        | 3.789       | 3.775        | 3.830      | VV       | 2143           | 28377        | 0.09%          | 0.006%        |
| 11        | 3.854       | 3.830        | 3.886      | VV       | 723            | 11264        | 0.04%          | 0.002%        |
| 12        | 3.902       | 3.886        | 3.938      | VV       | 279            | 5027         | 0.02%          | 0.001%        |
| 13        | 3.953       | 3.938        | 3.969      | VV       | 477            | 4501         | 0.01%          | 0.001%        |
| 14        | 3.992       | 3.969        | 4.018      | PV       | 529            | 9883         | 0.03%          | 0.002%        |
| 15        | 4.069       | 4.018        | 4.093      | VV       | 1212           | 19880        | 0.06%          | 0.004%        |
| 16        | 4.112       | 4.093        | 4.142      | VV       | 1266           | 19873        | 0.06%          | 0.004%        |
| 17        | 4.147       | 4.142        | 4.160      | VV       | 428            | 3820         | 0.01%          | 0.001%        |
| 18        | 4.172       | 4.160        | 4.195      | VV       | 544            | 6601         | 0.02%          | 0.001%        |
| 19        | 4.213       | 4.195        | 4.231      | VV       | 1007           | 15568        | 0.05%          | 0.003%        |
| 20        | 4.242       | 4.231        | 4.252      | VV       | 703            | 8181         | 0.03%          | 0.002%        |
| 21        | 4.264       | 4.252        | 4.313      | VV       | 728            | 18167        | 0.06%          | 0.004%        |
| 22        | 4.324       | 4.313        | 4.370      | VV       | 358            | 7576         | 0.02%          | 0.002%        |
| 23        | 4.395       | 4.370        | 4.415      | VV       | 391            | 5558         | 0.02%          | 0.001%        |
| 24        | 4.429       | 4.415        | 4.458      | VV       | 418            | 6448         | 0.02%          | 0.001%        |
| 25        | 4.476       | 4.458        | 4.496      | PV       | 1104           | 11248        | 0.04%          | 0.002%        |
| 26        | 4.504       | 4.496        | 4.535      | VV       | 283            | 3707         | 0.01%          | 0.001%        |
| 27        | 4.548       | 4.535        | 4.604      | VV       | 512            | 8661         | 0.03%          | 0.002%        |
| 28        | 4.628       | 4.604        | 4.646      | VV       | 442            | 6757         | 0.02%          | 0.001%        |
| 29        | 4.677       | 4.646        | 4.689      | VV       | 542            | 9452         | 0.03%          | 0.002%        |
| 30        | 4.698       | 4.689        | 4.713      | VV       | 567            | 5832         | 0.02%          | 0.001%        |
| 31        | 4.730       | 4.713        | 4.749      | VV       | 1283           | 14520        | 0.05%          | 0.003%        |
| 32        | 4.764       | 4.749        | 4.798      | VV       | 606            | 11087        | 0.04%          | 0.002%        |
| 33        | 4.813       | 4.798        | 4.826      | VV       | 497            | 6180         | 0.02%          | 0.001%        |
| 34        | 4.856       | 4.826        | 4.871      | VV       | 567            | 11559        | 0.04%          | 0.002%        |
| 35        | 4.890       | 4.871        | 4.905      | VV       | 931            | 13315        | 0.04%          | 0.003%        |
| 36        | 4.916       | 4.905        | 4.939      | VV       | 810            | 10858        | 0.03%          | 0.002%        |

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|    |       |       |       |    | rt   | Area  | Height | %Area  | %Height |
|----|-------|-------|-------|----|------|-------|--------|--------|---------|
| 37 | 4.957 | 4.939 | 4.969 | VV | 692  | 8890  | 0.03%  | 0.002% |         |
| 38 | 4.978 | 4.969 | 5.014 | VV | 493  | 9040  | 0.03%  | 0.002% |         |
| 39 | 5.046 | 5.014 | 5.055 | VV | 382  | 5972  | 0.02%  | 0.001% |         |
| 40 | 5.086 | 5.055 | 5.098 | VV | 430  | 9211  | 0.03%  | 0.002% |         |
| 41 | 5.110 | 5.098 | 5.142 | VV | 775  | 12073 | 0.04%  | 0.002% |         |
| 42 | 5.169 | 5.142 | 5.188 | VV | 943  | 13817 | 0.04%  | 0.003% |         |
| 43 | 5.219 | 5.188 | 5.265 | VV | 665  | 17501 | 0.06%  | 0.004% |         |
| 44 | 5.276 | 5.265 | 5.292 | VV | 302  | 3810  | 0.01%  | 0.001% |         |
| 45 | 5.334 | 5.292 | 5.354 | VV | 676  | 13120 | 0.04%  | 0.003% |         |
| 46 | 5.411 | 5.354 | 5.426 | VV | 499  | 11522 | 0.04%  | 0.002% |         |
| 47 | 5.440 | 5.426 | 5.455 | VV | 335  | 3331  | 0.01%  | 0.001% |         |
| 48 | 5.515 | 5.455 | 5.538 | VV | 1956 | 25576 | 0.08%  | 0.005% |         |
| 49 | 5.549 | 5.538 | 5.567 | VV | 736  | 8571  | 0.03%  | 0.002% |         |
| 50 | 5.585 | 5.567 | 5.597 | VV | 395  | 4918  | 0.02%  | 0.001% |         |
| 51 | 5.617 | 5.597 | 5.632 | VV | 537  | 6858  | 0.02%  | 0.001% |         |
| 52 | 5.648 | 5.632 | 5.672 | VV | 300  | 4696  | 0.02%  | 0.001% |         |
| 53 | 5.706 | 5.672 | 5.738 | VV | 1079 | 15198 | 0.05%  | 0.003% |         |
| 54 | 5.752 | 5.738 | 5.770 | VV | 434  | 5742  | 0.02%  | 0.001% |         |
| 55 | 5.801 | 5.770 | 5.836 | VV | 602  | 15156 | 0.05%  | 0.003% |         |
| 56 | 5.861 | 5.836 | 5.875 | VV | 512  | 7051  | 0.02%  | 0.001% |         |
| 57 | 5.885 | 5.875 | 5.918 | VV | 318  | 6424  | 0.02%  | 0.001% |         |
| 58 | 5.927 | 5.918 | 5.955 | VV | 338  | 3866  | 0.01%  | 0.001% |         |
| 59 | 5.969 | 5.955 | 6.001 | VV | 326  | 5260  | 0.02%  | 0.001% |         |
| 60 | 6.019 | 6.001 | 6.032 | VV | 501  | 6425  | 0.02%  | 0.001% |         |
| 61 | 6.036 | 6.032 | 6.045 | VV | 550  | 3624  | 0.01%  | 0.001% |         |
| 62 | 6.073 | 6.045 | 6.101 | VV | 1718 | 25684 | 0.08%  | 0.005% |         |
| 63 | 6.122 | 6.101 | 6.183 | VV | 6026 | 84441 | 0.27%  | 0.017% |         |
| 64 | 6.208 | 6.183 | 6.232 | VV | 632  | 12926 | 0.04%  | 0.003% |         |
| 65 | 6.262 | 6.232 | 6.288 | VV | 571  | 13025 | 0.04%  | 0.003% |         |
| 66 | 6.302 | 6.288 | 6.315 | VV | 415  | 5257  | 0.02%  | 0.001% |         |
| 67 | 6.341 | 6.315 | 6.363 | VV | 722  | 13605 | 0.04%  | 0.003% |         |
| 68 | 6.384 | 6.363 | 6.396 | VV | 569  | 9004  | 0.03%  | 0.002% |         |
| 69 | 6.410 | 6.396 | 6.472 | VV | 546  | 18829 | 0.06%  | 0.004% |         |
| 70 | 6.498 | 6.472 | 6.551 | VV | 1417 | 24590 | 0.08%  | 0.005% |         |
| 71 | 6.568 | 6.551 | 6.591 | VV | 277  | 5045  | 0.02%  | 0.001% |         |
| 72 | 6.646 | 6.591 | 6.670 | VV | 936  | 18246 | 0.06%  | 0.004% |         |
| 73 | 6.691 | 6.670 | 6.718 | VV | 681  | 11181 | 0.04%  | 0.002% |         |
| 74 | 6.724 | 6.718 | 6.748 | VV | 187  | 1901  | 0.01%  | 0.000% |         |
| 75 | 6.772 | 6.748 | 6.797 | VV | 505  | 7319  | 0.02%  | 0.001% |         |
| 76 | 6.824 | 6.797 | 6.847 | PV | 454  | 9492  | 0.03%  | 0.002% |         |
| 77 | 6.886 | 6.847 | 6.905 | VV | 2656 | 32608 | 0.11%  | 0.007% |         |
| 78 | 6.921 | 6.905 | 6.931 | VV | 1478 | 16330 | 0.05%  | 0.003% |         |
| 79 | 6.942 | 6.931 | 6.955 | VV | 1415 | 15166 | 0.05%  | 0.003% |         |
| 80 | 6.965 | 6.955 | 6.986 | VV | 1219 | 14629 | 0.05%  | 0.003% |         |
| 81 | 7.026 | 6.986 | 7.084 | VV | 3305 | 73362 | 0.24%  | 0.015% |         |
| 82 | 7.102 | 7.084 | 7.117 | VV | 582  | 9055  | 0.03%  | 0.002% |         |
| 83 | 7.131 | 7.117 | 7.142 | VV | 719  | 8692  | 0.03%  | 0.002% |         |
| 84 | 7.152 | 7.142 | 7.180 | VV | 716  | 10502 | 0.03%  | 0.002% |         |
| 85 | 7.220 | 7.180 | 7.242 | VV | 1633 | 30483 | 0.10%  | 0.006% |         |
| 86 | 7.264 | 7.242 | 7.277 | VV | 558  | 6651  | 0.02%  | 0.001% |         |
| 87 | 7.303 | 7.277 | 7.337 | VV | 773  | 17364 | 0.06%  | 0.004% |         |
| 88 | 7.354 | 7.337 | 7.373 | VV | 386  | 6711  | 0.02%  | 0.001% |         |
| 89 | 7.427 | 7.373 | 7.462 | VV | 1599 | 41060 | 0.13%  | 0.008% |         |

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|     |        |        |        |    | rt   | Area  | Conc  | Conc   |
|-----|--------|--------|--------|----|------|-------|-------|--------|
| 90  | 7.479  | 7.462  | 7.488  | VV | 384  | 5592  | 0.02% | 0.001% |
| 91  | 7.517  | 7.488  | 7.533  | VV | 525  | 10055 | 0.03% | 0.002% |
| 92  | 7.561  | 7.533  | 7.572  | VV | 410  | 8094  | 0.03% | 0.002% |
| 93  | 7.606  | 7.572  | 7.670  | VV | 738  | 22212 | 0.07% | 0.005% |
| 94  | 7.835  | 7.815  | 7.846  | VV | 1145 | 16863 | 0.05% | 0.003% |
| 95  | 7.864  | 7.846  | 7.895  | VV | 1043 | 24122 | 0.08% | 0.005% |
| 96  | 7.901  | 7.895  | 7.924  | VV | 591  | 8145  | 0.03% | 0.002% |
| 97  | 7.947  | 7.924  | 7.960  | VV | 637  | 9448  | 0.03% | 0.002% |
| 98  | 7.990  | 7.960  | 8.021  | VV | 750  | 17809 | 0.06% | 0.004% |
| 99  | 8.041  | 8.021  | 8.088  | VV | 1369 | 27030 | 0.09% | 0.005% |
| 100 | 8.114  | 8.088  | 8.138  | VV | 1996 | 29555 | 0.10% | 0.006% |
| 101 | 8.185  | 8.138  | 8.217  | VV | 1194 | 39373 | 0.13% | 0.008% |
| 102 | 8.229  | 8.217  | 8.242  | VV | 886  | 10068 | 0.03% | 0.002% |
| 103 | 8.258  | 8.242  | 8.273  | VV | 1172 | 17976 | 0.06% | 0.004% |
| 104 | 8.294  | 8.273  | 8.332  | VV | 1803 | 31188 | 0.10% | 0.006% |
| 105 | 8.342  | 8.332  | 8.365  | VV | 583  | 7777  | 0.03% | 0.002% |
| 106 | 8.414  | 8.365  | 8.441  | VV | 1449 | 26393 | 0.09% | 0.005% |
| 107 | 8.466  | 8.441  | 8.502  | VV | 1656 | 26873 | 0.09% | 0.005% |
| 108 | 8.522  | 8.502  | 8.538  | VV | 652  | 9538  | 0.03% | 0.002% |
| 109 | 8.572  | 8.538  | 8.583  | VV | 656  | 12331 | 0.04% | 0.003% |
| 110 | 8.690  | 8.679  | 8.738  | VV | 1137 | 31059 | 0.10% | 0.006% |
| 111 | 8.761  | 8.738  | 8.805  | VV | 1819 | 44349 | 0.14% | 0.009% |
| 112 | 8.829  | 8.805  | 8.890  | VV | 2903 | 56110 | 0.18% | 0.011% |
| 113 | 8.917  | 8.890  | 8.931  | VV | 678  | 12336 | 0.04% | 0.003% |
| 114 | 8.952  | 8.931  | 8.962  | VV | 701  | 11237 | 0.04% | 0.002% |
| 115 | 8.977  | 8.962  | 8.993  | VV | 779  | 12193 | 0.04% | 0.002% |
| 116 | 9.032  | 8.993  | 9.078  | VV | 1172 | 38716 | 0.12% | 0.008% |
| 117 | 9.115  | 9.078  | 9.135  | VV | 2046 | 37774 | 0.12% | 0.008% |
| 118 | 9.171  | 9.135  | 9.194  | VV | 1145 | 23237 | 0.07% | 0.005% |
| 119 | 9.212  | 9.194  | 9.251  | VV | 750  | 9860  | 0.03% | 0.002% |
| 120 | 9.277  | 9.251  | 9.295  | PV | 517  | 7238  | 0.02% | 0.001% |
| 121 | 9.315  | 9.295  | 9.345  | VV | 301  | 6427  | 0.02% | 0.001% |
| 122 | 9.362  | 9.345  | 9.390  | VV | 328  | 4587  | 0.01% | 0.001% |
| 123 | 9.409  | 9.390  | 9.428  | VV | 503  | 7708  | 0.02% | 0.002% |
| 124 | 9.441  | 9.428  | 9.472  | VV | 847  | 13518 | 0.04% | 0.003% |
| 125 | 9.495  | 9.472  | 9.507  | VV | 1303 | 16447 | 0.05% | 0.003% |
| 126 | 9.518  | 9.507  | 9.545  | VV | 1208 | 18014 | 0.06% | 0.004% |
| 127 | 9.574  | 9.545  | 9.607  | VV | 1629 | 29275 | 0.09% | 0.006% |
| 128 | 9.653  | 9.607  | 9.664  | VV | 615  | 15380 | 0.05% | 0.003% |
| 129 | 9.675  | 9.664  | 9.714  | VV | 877  | 12352 | 0.04% | 0.003% |
| 130 | 9.734  | 9.714  | 9.756  | VV | 412  | 6188  | 0.02% | 0.001% |
| 131 | 9.766  | 9.756  | 9.790  | VV | 221  | 2852  | 0.01% | 0.001% |
| 132 | 9.830  | 9.790  | 9.863  | VV | 1394 | 32309 | 0.10% | 0.007% |
| 133 | 9.894  | 9.863  | 9.969  | VV | 2860 | 65607 | 0.21% | 0.013% |
| 134 | 9.998  | 9.969  | 10.045 | VV | 476  | 13395 | 0.04% | 0.003% |
| 135 | 10.077 | 10.045 | 10.094 | PV | 521  | 10220 | 0.03% | 0.002% |
| 136 | 10.110 | 10.094 | 10.134 | VV | 457  | 7902  | 0.03% | 0.002% |
| 137 | 10.171 | 10.134 | 10.207 | VV | 466  | 9764  | 0.03% | 0.002% |
| 138 | 10.241 | 10.207 | 10.260 | VV | 774  | 12375 | 0.04% | 0.003% |
| 139 | 10.285 | 10.260 | 10.308 | VV | 2708 | 37157 | 0.12% | 0.008% |
| 140 | 10.352 | 10.308 | 10.360 | VV | 1476 | 30389 | 0.10% | 0.006% |
| 141 | 10.372 | 10.360 | 10.400 | VV | 1496 | 24956 | 0.08% | 0.005% |

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|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.431 | 10.400 | 10.458 | VV | 1343   | 29956   | 0.10%  | 0.006% |
| 143 | 10.494 | 10.458 | 10.525 | PV | 971    | 25418   | 0.08%  | 0.005% |
| 144 | 10.554 | 10.525 | 10.575 | VV | 1483   | 32079   | 0.10%  | 0.007% |
| 145 | 10.590 | 10.575 | 10.608 | VV | 802    | 12395   | 0.04%  | 0.003% |
| 146 | 10.633 | 10.608 | 10.677 | VV | 3245   | 51314   | 0.17%  | 0.010% |
| 147 | 10.706 | 10.677 | 10.729 | VV | 4460   | 65447   | 0.21%  | 0.013% |
| 148 | 10.738 | 10.729 | 10.767 | VV | 1028   | 15500   | 0.05%  | 0.003% |
| 149 | 10.777 | 10.767 | 10.788 | VV | 606    | 5397    | 0.02%  | 0.001% |
| 150 | 10.805 | 10.788 | 10.817 | VV | 372    | 4079    | 0.01%  | 0.001% |
| 151 | 10.861 | 10.817 | 10.872 | PV | 1172   | 18668   | 0.06%  | 0.004% |
| 152 | 10.902 | 10.872 | 10.935 | VV | 4015   | 59949   | 0.19%  | 0.012% |
| 153 | 10.976 | 10.935 | 11.003 | VV | 2270   | 33927   | 0.11%  | 0.007% |
| 154 | 11.029 | 11.003 | 11.060 | VV | 797    | 14618   | 0.05%  | 0.003% |
| 155 | 11.082 | 11.060 | 11.098 | VV | 693    | 9139    | 0.03%  | 0.002% |
| 156 | 11.113 | 11.098 | 11.127 | VV | 438    | 6269    | 0.02%  | 0.001% |
| 157 | 11.197 | 11.127 | 11.231 | VV | 882    | 27447   | 0.09%  | 0.006% |
| 158 | 11.268 | 11.231 | 11.285 | VV | 1066   | 20243   | 0.07%  | 0.004% |
| 159 | 11.338 | 11.285 | 11.362 | VV | 4583   | 77164   | 0.25%  | 0.016% |
| 160 | 11.393 | 11.362 | 11.401 | VV | 873    | 14968   | 0.05%  | 0.003% |
| 161 | 11.429 | 11.401 | 11.465 | VV | 5887   | 84359   | 0.27%  | 0.017% |
| 162 | 11.496 | 11.465 | 11.514 | VV | 1074   | 13571   | 0.04%  | 0.003% |
| 163 | 11.555 | 11.514 | 11.571 | PV | 1360   | 24267   | 0.08%  | 0.005% |
| 164 | 11.595 | 11.571 | 11.616 | VV | 974    | 18795   | 0.06%  | 0.004% |
| 165 | 11.665 | 11.616 | 11.693 | VV | 358200 | 3763881 | 12.13% | 0.766% |
| 166 | 11.703 | 11.693 | 11.719 | VV | 2824   | 33062   | 0.11%  | 0.007% |
| 167 | 11.736 | 11.719 | 11.759 | VV | 3450   | 40525   | 0.13%  | 0.008% |
| 168 | 11.822 | 11.759 | 11.837 | VV | 2455   | 55214   | 0.18%  | 0.011% |
| 169 | 11.854 | 11.837 | 11.870 | VV | 3116   | 37518   | 0.12%  | 0.008% |
| 170 | 11.886 | 11.870 | 11.914 | VV | 2713   | 33468   | 0.11%  | 0.007% |
| 171 | 12.006 | 11.914 | 12.031 | PV | 2573   | 56034   | 0.18%  | 0.011% |
| 172 | 12.041 | 12.031 | 12.085 | VV | 761    | 15984   | 0.05%  | 0.003% |
| 173 | 12.109 | 12.085 | 12.131 | VV | 1374   | 18058   | 0.06%  | 0.004% |
| 174 | 12.173 | 12.131 | 12.190 | VV | 884    | 14800   | 0.05%  | 0.003% |
| 175 | 12.209 | 12.190 | 12.221 | PV | 1214   | 11186   | 0.04%  | 0.002% |
| 176 | 12.251 | 12.221 | 12.295 | VV | 12918  | 166096  | 0.54%  | 0.034% |
| 177 | 12.317 | 12.295 | 12.342 | VV | 940    | 17691   | 0.06%  | 0.004% |
| 178 | 12.353 | 12.342 | 12.365 | VV | 1011   | 9374    | 0.03%  | 0.002% |
| 179 | 12.385 | 12.365 | 12.419 | VV | 2034   | 34679   | 0.11%  | 0.007% |
| 180 | 12.449 | 12.419 | 12.479 | VV | 1138   | 32790   | 0.11%  | 0.007% |
| 181 | 12.497 | 12.479 | 12.539 | VV | 1646   | 35681   | 0.11%  | 0.007% |
| 182 | 12.569 | 12.539 | 12.582 | PV | 1293   | 22314   | 0.07%  | 0.005% |
| 183 | 12.607 | 12.582 | 12.626 | VV | 4701   | 63973   | 0.21%  | 0.013% |
| 184 | 12.647 | 12.626 | 12.696 | VV | 4714   | 97275   | 0.31%  | 0.020% |
| 185 | 12.724 | 12.696 | 12.759 | VV | 9216   | 122572  | 0.40%  | 0.025% |
| 186 | 12.783 | 12.759 | 12.807 | VV | 1068   | 23594   | 0.08%  | 0.005% |
| 187 | 12.825 | 12.807 | 12.836 | VV | 857    | 10336   | 0.03%  | 0.002% |
| 188 | 12.849 | 12.836 | 12.865 | VV | 1194   | 14163   | 0.05%  | 0.003% |
| 189 | 12.880 | 12.865 | 12.893 | VV | 904    | 10895   | 0.04%  | 0.002% |
| 190 | 12.972 | 12.893 | 12.993 | VV | 1449   | 60329   | 0.19%  | 0.012% |
| 191 | 13.024 | 12.993 | 13.041 | PV | 12428  | 146220  | 0.47%  | 0.030% |
| 192 | 13.052 | 13.041 | 13.067 | VV | 5223   | 61976   | 0.20%  | 0.013% |
| 193 | 13.098 | 13.067 | 13.128 | VV | 257178 | 2980086 | 9.60%  | 0.606% |
| 194 | 13.143 | 13.128 | 13.180 | VV | 2015   | 43494   | 0.14%  | 0.009% |

Instrument :  
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|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 195 | 13.203 | 13.180 | 13.218 | VV | 1571   | 21586  | 0.07% | 0.004% |
| 196 | 13.233 | 13.218 | 13.243 | VV | 679    | 7819   | 0.03% | 0.002% |
| 197 | 13.264 | 13.243 | 13.297 | VV | 2067   | 46056  | 0.15% | 0.009% |
| 198 | 13.315 | 13.297 | 13.338 | VV | 1933   | 39468  | 0.13% | 0.008% |
| 199 | 13.354 | 13.338 | 13.382 | VV | 2426   | 35323  | 0.11% | 0.007% |
| 200 | 13.389 | 13.382 | 13.405 | VV | 413    | 2812   | 0.01% | 0.001% |
| 201 | 13.445 | 13.405 | 13.462 | PV | 1555   | 25566  | 0.08% | 0.005% |
| 202 | 13.486 | 13.462 | 13.509 | PV | 5244   | 61455  | 0.20% | 0.012% |
| 203 | 13.541 | 13.509 | 13.559 | VV | 1100   | 21097  | 0.07% | 0.004% |
| 204 | 13.612 | 13.559 | 13.635 | VV | 3119   | 58253  | 0.19% | 0.012% |
| 205 | 13.656 | 13.635 | 13.667 | PV | 1296   | 14690  | 0.05% | 0.003% |
| 206 | 13.679 | 13.667 | 13.697 | VV | 1141   | 14914  | 0.05% | 0.003% |
| 207 | 13.724 | 13.697 | 13.744 | VV | 1737   | 31898  | 0.10% | 0.006% |
| 208 | 13.763 | 13.744 | 13.778 | VV | 2843   | 37336  | 0.12% | 0.008% |
| 209 | 13.801 | 13.778 | 13.826 | VV | 1840   | 40400  | 0.13% | 0.008% |
| 210 | 13.889 | 13.826 | 13.918 | VV | 3904   | 129509 | 0.42% | 0.026% |
| 211 | 13.933 | 13.918 | 13.955 | VV | 2496   | 29162  | 0.09% | 0.006% |
| 212 | 13.996 | 13.955 | 14.026 | PV | 1169   | 29094  | 0.09% | 0.006% |
| 213 | 14.077 | 14.026 | 14.109 | VV | 2099   | 47073  | 0.15% | 0.010% |
| 214 | 14.169 | 14.109 | 14.187 | PV | 809    | 24088  | 0.08% | 0.005% |
| 215 | 14.226 | 14.187 | 14.244 | VV | 2165   | 35317  | 0.11% | 0.007% |
| 216 | 14.279 | 14.244 | 14.296 | VV | 2039   | 46749  | 0.15% | 0.010% |
| 217 | 14.370 | 14.296 | 14.395 | VV | 3427   | 120056 | 0.39% | 0.024% |
| 218 | 14.413 | 14.395 | 14.435 | VV | 2948   | 48644  | 0.16% | 0.010% |
| 219 | 14.451 | 14.435 | 14.463 | VV | 2182   | 33107  | 0.11% | 0.007% |
| 220 | 14.484 | 14.463 | 14.508 | VV | 2352   | 51791  | 0.17% | 0.011% |
| 221 | 14.533 | 14.508 | 14.575 | VV | 3617   | 83087  | 0.27% | 0.017% |
| 222 | 14.594 | 14.575 | 14.614 | VV | 2669   | 41252  | 0.13% | 0.008% |
| 223 | 14.681 | 14.614 | 14.697 | VV | 2445   | 67541  | 0.22% | 0.014% |
| 224 | 14.716 | 14.697 | 14.736 | VV | 2030   | 32463  | 0.10% | 0.007% |
| 225 | 14.755 | 14.736 | 14.782 | VV | 1207   | 25109  | 0.08% | 0.005% |
| 226 | 14.792 | 14.782 | 14.802 | VV | 617    | 7068   | 0.02% | 0.001% |
| 227 | 14.850 | 14.802 | 14.869 | VV | 2937   | 50933  | 0.16% | 0.010% |
| 228 | 14.902 | 14.869 | 14.924 | VV | 5737   | 94905  | 0.31% | 0.019% |
| 229 | 14.946 | 14.924 | 14.975 | VV | 8071   | 104754 | 0.34% | 0.021% |
| 230 | 14.997 | 14.975 | 15.017 | VV | 1477   | 26872  | 0.09% | 0.005% |
| 231 | 15.053 | 15.017 | 15.073 | VV | 2448   | 54704  | 0.18% | 0.011% |
| 232 | 15.102 | 15.073 | 15.124 | VV | 2817   | 58850  | 0.19% | 0.012% |
| 233 | 15.146 | 15.124 | 15.169 | VV | 1540   | 27568  | 0.09% | 0.006% |
| 234 | 15.223 | 15.169 | 15.248 | VV | 2536   | 54305  | 0.18% | 0.011% |
| 235 | 15.289 | 15.248 | 15.312 | PV | 1476   | 31254  | 0.10% | 0.006% |
| 236 | 15.352 | 15.312 | 15.433 | VV | 8257   | 211920 | 0.68% | 0.043% |
| 237 | 15.475 | 15.433 | 15.517 | VV | 3577   | 77686  | 0.25% | 0.016% |
| 238 | 15.579 | 15.517 | 15.598 | VV | 5161   | 95649  | 0.31% | 0.019% |
| 239 | 15.618 | 15.598 | 15.645 | VV | 4013   | 60191  | 0.19% | 0.012% |
| 240 | 15.745 | 15.645 | 15.768 | VV | 5334   | 176603 | 0.57% | 0.036% |
| 241 | 15.812 | 15.768 | 15.848 | VV | 3069   | 133385 | 0.43% | 0.027% |
| 242 | 15.874 | 15.848 | 15.888 | VV | 3961   | 80657  | 0.26% | 0.016% |
| 243 | 15.972 | 15.888 | 15.995 | VV | 6316   | 281334 | 0.91% | 0.057% |
| 244 | 16.017 | 15.995 | 16.042 | VV | 6120   | 134007 | 0.43% | 0.027% |
| 245 | 16.088 | 16.042 | 16.101 | VV | 2673   | 97633  | 0.31% | 0.020% |
| 246 | 16.114 | 16.101 | 16.129 | VV | 2276   | 32940  | 0.11% | 0.007% |

Instrument :  
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Manual Integrations  
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|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 247 | 16.178 | 16.129 | 16.205 | VV | 6000   | 166820  | 0.54%  | 0.034% |
| 248 | 16.220 | 16.205 | 16.232 | VV | 3142   | 47787   | 0.15%  | 0.010% |
| 249 | 16.279 | 16.232 | 16.311 | VV | 8126   | 240971  | 0.78%  | 0.049% |
| 250 | 16.381 | 16.311 | 16.405 | VV | 8558   | 306974  | 0.99%  | 0.062% |
| 251 | 16.466 | 16.405 | 16.501 | VV | 15364  | 437863  | 1.41%  | 0.089% |
| 252 | 16.518 | 16.501 | 16.532 | VV | 6129   | 108486  | 0.35%  | 0.022% |
| 253 | 16.601 | 16.532 | 16.610 | VV | 11220  | 413034  | 1.33%  | 0.084% |
| 254 | 16.624 | 16.610 | 16.635 | VV | 11098  | 152738  | 0.49%  | 0.031% |
| 255 | 16.656 | 16.635 | 16.665 | VV | 11828  | 190616  | 0.61%  | 0.039% |
| 256 | 16.681 | 16.665 | 16.702 | VV | 12699  | 246864  | 0.80%  | 0.050% |
| 257 | 16.789 | 16.702 | 16.818 | VV | 19570  | 951334  | 3.07%  | 0.193% |
| 258 | 16.848 | 16.818 | 16.871 | VV | 19513  | 499199  | 1.61%  | 0.102% |
| 259 | 16.961 | 16.871 | 16.978 | VV | 27124  | 1311353 | 4.23%  | 0.267% |
| 260 | 16.991 | 16.978 | 17.005 | VV | 23162  | 354674  | 1.14%  | 0.072% |
| 261 | 17.029 | 17.005 | 17.048 | VV | 22362  | 567014  | 1.83%  | 0.115% |
| 262 | 17.127 | 17.048 | 17.143 | VV | 26118  | 1378117 | 4.44%  | 0.280% |
| 263 | 17.187 | 17.143 | 17.202 | VV | 30062  | 984023  | 3.17%  | 0.200% |
| 264 | 17.254 | 17.202 | 17.277 | VV | 32053  | 1324137 | 4.27%  | 0.269% |
| 265 | 17.371 | 17.277 | 17.395 | VV | 39739  | 2346528 | 7.56%  | 0.477% |
| 266 | 17.429 | 17.395 | 17.443 | VV | 37528  | 1005209 | 3.24%  | 0.204% |
| 267 | 17.463 | 17.443 | 17.479 | VV | 39884  | 800489  | 2.58%  | 0.163% |
| 268 | 17.506 | 17.479 | 17.535 | VV | 42748  | 1335381 | 4.30%  | 0.272% |
| 269 | 17.564 | 17.535 | 17.578 | VV | 43281  | 1049886 | 3.38%  | 0.214% |
| 270 | 17.595 | 17.578 | 17.605 | VV | 42491  | 664403  | 2.14%  | 0.135% |
| 271 | 17.621 | 17.605 | 17.630 | VV | 42208  | 635566  | 2.05%  | 0.129% |
| 272 | 17.651 | 17.630 | 17.672 | VV | 45997  | 1093544 | 3.52%  | 0.222% |
| 273 | 17.735 | 17.672 | 17.757 | VV | 53785  | 2512794 | 8.10%  | 0.511% |
| 274 | 17.818 | 17.757 | 17.846 | VV | 63963  | 3049345 | 9.83%  | 0.620% |
| 275 | 17.879 | 17.846 | 17.894 | VV | 58356  | 1636064 | 5.27%  | 0.333% |
| 276 | 17.904 | 17.894 | 17.915 | VV | 57480  | 723423  | 2.33%  | 0.147% |
| 277 | 17.975 | 17.915 | 17.994 | VV | 81627  | 3166311 | 10.20% | 0.644% |
| 278 | 18.006 | 17.994 | 18.040 | VV | 69687  | 1849610 | 5.96%  | 0.376% |
| 279 | 18.078 | 18.040 | 18.102 | VV | 66498  | 2368690 | 7.63%  | 0.482% |
| 280 | 18.177 | 18.102 | 18.188 | VV | 70630  | 3422939 | 11.03% | 0.696% |
| 281 | 18.203 | 18.188 | 18.215 | VV | 69750  | 1108936 | 3.57%  | 0.226% |
| 282 | 18.229 | 18.215 | 18.252 | VV | 74610  | 1575991 | 5.08%  | 0.321% |
| 283 | 18.345 | 18.252 | 18.366 | VV | 95138  | 5232731 | 16.86% | 1.064% |
| 284 | 18.481 | 18.366 | 18.498 | VV | 93259  | 6910952 | 22.27% | 1.406% |
| 285 | 18.509 | 18.498 | 18.524 | VV | 93628  | 1421011 | 4.58%  | 0.289% |
| 286 | 18.538 | 18.524 | 18.551 | VV | 93832  | 1489603 | 4.80%  | 0.303% |
| 287 | 18.566 | 18.551 | 18.577 | VV | 93858  | 1425032 | 4.59%  | 0.290% |
| 288 | 18.654 | 18.577 | 18.708 | VV | 98501  | 7489712 | 24.14% | 1.523% |
| 289 | 18.764 | 18.708 | 18.786 | VV | 114827 | 4792944 | 15.45% | 0.975% |
| 290 | 18.813 | 18.786 | 18.842 | VV | 117918 | 3758330 | 12.11% | 0.764% |
| 291 | 18.907 | 18.842 | 18.921 | VV | 124681 | 5576464 | 17.97% | 1.134% |
| 292 | 18.947 | 18.921 | 18.970 | VV | 126624 | 3647382 | 11.75% | 0.742% |
| 293 | 19.036 | 18.970 | 19.058 | VV | 137627 | 6925946 | 22.32% | 1.409% |
| 294 | 19.095 | 19.058 | 19.114 | VV | 142462 | 4573448 | 14.74% | 0.930% |
| 295 | 19.155 | 19.114 | 19.169 | VV | 146109 | 4632802 | 14.93% | 0.942% |
| 296 | 19.200 | 19.169 | 19.212 | VV | 146283 | 3701322 | 11.93% | 0.753% |
| 297 | 19.249 | 19.212 | 19.261 | VV | 151767 | 4352926 | 14.03% | 0.885% |
| 298 | 19.272 | 19.261 | 19.299 | VV | 148972 | 3307907 | 10.66% | 0.673% |
| 299 | 19.312 | 19.299 | 19.329 | VV | 152287 | 2667240 | 8.60%  | 0.543% |

Instrument :  
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Manual Integrations  
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| rteres |        |        |        |     |        |          |         |        |
|--------|--------|--------|--------|-----|--------|----------|---------|--------|
| 300    | 19.355 | 19.329 | 19.380 | VV  | 153829 | 4666700  | 15.04%  | 0.949% |
| 301    | 19.441 | 19.380 | 19.453 | VV  | 168014 | 6963156  | 22.44%  | 1.416% |
| 302    | 19.482 | 19.453 | 19.493 | VV  | 183163 | 4260939  | 13.73%  | 0.867% |
| 303    | 19.572 | 19.493 | 19.597 | VV  | 204213 | 11873361 | 38.27%  | 2.415% |
| 304    | 19.636 | 19.597 | 19.655 | VV  | 202861 | 6906103  | 22.26%  | 1.405% |
| 305    | 19.669 | 19.655 | 19.688 | VV  | 200389 | 3943074  | 12.71%  | 0.802% |
| 306    | 19.706 | 19.688 | 19.747 | VV  | 200337 | 6819114  | 21.98%  | 1.387% |
| 307    | 19.760 | 19.747 | 19.775 | VV  | 193341 | 3292068  | 10.61%  | 0.670% |
| 308    | 19.826 | 19.775 | 19.837 | VV  | 215145 | 7666255  | 24.71%  | 1.559% |
| 309    | 19.872 | 19.837 | 19.889 | VV  | 234961 | 7075907  | 22.80%  | 1.439% |
| 310    | 19.918 | 19.889 | 19.935 | VV  | 244138 | 6538700  | 21.07%  | 1.330% |
| 311    | 19.977 | 19.935 | 20.045 | VV  | 251114 | 16138244 | 52.01%  | 3.282% |
| 312    | 20.085 | 20.045 | 20.099 | VV  | 237106 | 7656100  | 24.67%  | 1.557% |
| 313    | 20.252 | 20.099 | 20.282 | VV  | 294795 | 28971010 | 93.37%  | 5.893% |
| 314    | 20.338 | 20.282 | 20.348 | VV  | 289097 | 11158478 | 35.96%  | 2.270% |
| 315    | 20.370 | 20.348 | 20.432 | VV  | 290760 | 14365037 | 46.30%  | 2.922% |
| 316    | 20.441 | 20.432 | 20.458 | VV  | 278034 | 4355126  | 14.04%  | 0.886% |
| 317    | 20.502 | 20.458 | 20.528 | VV  | 294384 | 12179623 | 39.25%  | 2.477% |
| 318    | 20.541 | 20.528 | 20.558 | VV  | 296607 | 5202325  | 16.77%  | 1.058% |
| 319    | 20.567 | 20.558 | 20.645 | VV  | 296974 | 14785248 | 47.65%  | 3.007% |
| 320    | 20.660 | 20.645 | 20.687 | VV  | 274419 | 6766187  | 21.81%  | 1.376% |
| 321    | 20.762 | 20.687 | 20.846 | VV  | 293120 | 26209460 | 84.47%  | 5.331% |
| 322    | 20.858 | 20.846 | 20.892 | VV  | 257423 | 6855596  | 22.09%  | 1.394% |
| 323    | 20.934 | 20.892 | 20.963 | VV  | 253180 | 10779204 | 34.74%  | 2.192% |
| 324    | 21.004 | 20.963 | 21.015 | VV  | 263480 | 7889283  | 25.43%  | 1.605% |
| 325    | 21.033 | 21.015 | 21.048 | VV  | 263160 | 5248061  | 16.91%  | 1.067% |
| 326    | 21.057 | 21.048 | 21.122 | VV  | 261734 | 11158933 | 35.96%  | 2.270% |
| 327    | 21.128 | 21.122 | 21.142 | VV  | 252027 | 3026092  | 9.75%   | 0.615% |
| 328    | 21.158 | 21.142 | 21.219 | VV  | 247677 | 11229131 | 36.19%  | 2.284% |
| 329    | 21.253 | 21.219 | 21.276 | VV  | 232558 | 7790262  | 25.11%  | 1.584% |
| 330    | 21.373 | 21.276 | 21.408 | VV  | 251485 | 18900002 | 60.91%  | 3.844% |
| 331    | 21.452 | 21.408 | 21.642 | VV  | 247827 | 31029271 | 100.00% | 6.311% |
| 332    | 21.647 | 21.642 | 21.659 | VV  | 199929 | 2051138  | 6.61%   | 0.417% |
| 333    | 21.781 | 21.659 | 21.804 | VV  | 221774 | 18212710 | 58.70%  | 3.704% |
| 334    | 21.836 | 21.804 | 21.847 | VV  | 230667 | 5852285  | 18.86%  | 1.190% |
| 335    | 21.866 | 21.847 | 21.902 | VBA | 234683 | 7867645  | 25.36%  | 1.600% |

Sum of corrected areas: 491654592

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