

Instrument :  
FID\_C  
ClientSampleId :

rteres

Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC092721AL\  
Data File : FC055847.D  
Signal(s) : FID1A.CH  
Acq On : 27 Sep 2021 21:06  
Sample : M3925-05  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Manual Integrations  
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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        | 3.442      | BV       | 284            | -3804        | -0.01%         | -0.001%       |
| 2         | 3.458       | 3.442        | 3.468      | PV       | 221            | 1771         | 0.01%          | 0.000%        |
| 3         | 3.483       | 3.468        | 3.498      | VV       | 260            | 3149         | 0.01%          | 0.001%        |
| 4         | 3.519       | 3.498        | 3.537      | VV       | 452            | 5974         | 0.02%          | 0.001%        |
| 5         | 3.549       | 3.537        | 3.571      | VV       | 460            | 4758         | 0.02%          | 0.001%        |
| 6         | 3.588       | 3.571        | 3.642      | VV       | 261            | 7373         | 0.02%          | 0.002%        |
| 7         | 3.650       | 3.642        | 3.662      | PV       | 127            | 708          | 0.00%          | 0.000%        |
| 8         | 3.695       | 3.662        | 3.728      | PV       | 2000           | 25707        | 0.09%          | 0.006%        |
| 9         | 3.761       | 3.728        | 3.774      | VV       | 2190           | 27252        | 0.09%          | 0.006%        |
| 10        | 3.789       | 3.774        | 3.828      | VV       | 2421           | 30910        | 0.10%          | 0.007%        |
| 11        | 3.852       | 3.828        | 3.898      | VV       | 668            | 17233        | 0.06%          | 0.004%        |
| 12        | 3.921       | 3.898        | 3.940      | VV       | 332            | 6291         | 0.02%          | 0.001%        |
| 13        | 3.952       | 3.940        | 3.971      | VV       | 498            | 4792         | 0.02%          | 0.001%        |
| 14        | 3.994       | 3.971        | 4.014      | VV       | 614            | 10637        | 0.04%          | 0.002%        |
| 15        | 4.025       | 4.014        | 4.042      | VV       | 316            | 3682         | 0.01%          | 0.001%        |
| 16        | 4.068       | 4.042        | 4.093      | VV       | 1162           | 17977        | 0.06%          | 0.004%        |
| 17        | 4.112       | 4.093        | 4.153      | VV       | 1199           | 20788        | 0.07%          | 0.005%        |
| 18        | 4.173       | 4.153        | 4.190      | VV       | 486            | 6808         | 0.02%          | 0.001%        |
| 19        | 4.212       | 4.190        | 4.248      | VV       | 1062           | 23043        | 0.08%          | 0.005%        |
| 20        | 4.272       | 4.248        | 4.315      | VV       | 708            | 20273        | 0.07%          | 0.004%        |
| 21        | 4.323       | 4.315        | 4.363      | VV       | 306            | 7316         | 0.02%          | 0.002%        |
| 22        | 4.394       | 4.363        | 4.405      | VV       | 648            | 9492         | 0.03%          | 0.002%        |
| 23        | 4.475       | 4.405        | 4.508      | VV       | 1709           | 37885        | 0.13%          | 0.008%        |
| 24        | 4.519       | 4.508        | 4.532      | VV       | 534            | 6493         | 0.02%          | 0.001%        |
| 25        | 4.546       | 4.532        | 4.578      | VV       | 641            | 12088        | 0.04%          | 0.003%        |
| 26        | 4.594       | 4.578        | 4.603      | VV       | 377            | 4973         | 0.02%          | 0.001%        |
| 27        | 4.626       | 4.603        | 4.648      | VV       | 773            | 14384        | 0.05%          | 0.003%        |
| 28        | 4.672       | 4.648        | 4.698      | VV       | 828            | 18684        | 0.06%          | 0.004%        |
| 29        | 4.704       | 4.698        | 4.712      | VV       | 539            | 4163         | 0.01%          | 0.001%        |
| 30        | 4.729       | 4.712        | 4.745      | VV       | 1190           | 15269        | 0.05%          | 0.003%        |
| 31        | 4.761       | 4.745        | 4.775      | VV       | 802            | 11047        | 0.04%          | 0.002%        |
| 32        | 4.782       | 4.775        | 4.796      | VV       | 597            | 7004         | 0.02%          | 0.002%        |
| 33        | 4.809       | 4.796        | 4.832      | VV       | 673            | 10950        | 0.04%          | 0.002%        |
| 34        | 4.858       | 4.832        | 4.872      | VV       | 847            | 14442        | 0.05%          | 0.003%        |
| 35        | 4.892       | 4.872        | 4.902      | VV       | 959            | 13035        | 0.04%          | 0.003%        |
| 36        | 4.915       | 4.902        | 4.945      | VV       | 1052           | 18839        | 0.06%          | 0.004%        |

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|    |       |       |       |    | retention |       |       |        |
|----|-------|-------|-------|----|-----------|-------|-------|--------|
| 37 | 4.958 | 4.945 | 4.994 | VV | 914       | 21948 | 0.07% | 0.005% |
| 38 | 5.007 | 4.994 | 5.017 | VV | 599       | 7758  | 0.03% | 0.002% |
| 39 | 5.063 | 5.017 | 5.096 | VV | 709       | 28961 | 0.10% | 0.006% |
| 40 | 5.109 | 5.096 | 5.145 | VV | 979       | 19165 | 0.06% | 0.004% |
| 41 | 5.168 | 5.145 | 5.186 | VV | 1169      | 18801 | 0.06% | 0.004% |
| 42 | 5.216 | 5.186 | 5.239 | VV | 865       | 19997 | 0.07% | 0.004% |
| 43 | 5.248 | 5.239 | 5.262 | VV | 502       | 6016  | 0.02% | 0.001% |
| 44 | 5.275 | 5.262 | 5.297 | VV | 425       | 7454  | 0.02% | 0.002% |
| 45 | 5.333 | 5.297 | 5.365 | VV | 828       | 20206 | 0.07% | 0.004% |
| 46 | 5.374 | 5.365 | 5.391 | VV | 454       | 6349  | 0.02% | 0.001% |
| 47 | 5.409 | 5.391 | 5.427 | VV | 623       | 9234  | 0.03% | 0.002% |
| 48 | 5.439 | 5.427 | 5.459 | VV | 406       | 6374  | 0.02% | 0.001% |
| 49 | 5.469 | 5.459 | 5.490 | VV | 318       | 4699  | 0.02% | 0.001% |
| 50 | 5.514 | 5.490 | 5.534 | VV | 1972      | 24730 | 0.08% | 0.005% |
| 51 | 5.548 | 5.534 | 5.598 | VV | 780       | 16839 | 0.06% | 0.004% |
| 52 | 5.612 | 5.598 | 5.644 | VV | 525       | 7038  | 0.02% | 0.002% |
| 53 | 5.656 | 5.644 | 5.689 | VV | 198       | 2426  | 0.01% | 0.001% |
| 54 | 5.707 | 5.689 | 5.725 | VV | 817       | 7960  | 0.03% | 0.002% |
| 55 | 5.750 | 5.725 | 5.770 | VV | 354       | 5955  | 0.02% | 0.001% |
| 56 | 5.804 | 5.770 | 5.840 | VV | 437       | 9934  | 0.03% | 0.002% |
| 57 | 5.861 | 5.840 | 5.873 | PV | 304       | 2847  | 0.01% | 0.001% |
| 58 | 5.889 | 5.873 | 5.915 | VV | 280       | 4565  | 0.02% | 0.001% |
| 59 | 5.926 | 5.915 | 5.950 | VV | 389       | 4544  | 0.02% | 0.001% |
| 60 | 5.963 | 5.950 | 6.001 | PV | 248       | 6386  | 0.02% | 0.001% |
| 61 | 6.073 | 6.001 | 6.100 | VV | 1582      | 33565 | 0.11% | 0.007% |
| 62 | 6.122 | 6.100 | 6.185 | VV | 6714      | 92656 | 0.31% | 0.020% |
| 63 | 6.209 | 6.185 | 6.235 | VV | 621       | 13269 | 0.04% | 0.003% |
| 64 | 6.264 | 6.235 | 6.274 | VV | 520       | 9532  | 0.03% | 0.002% |
| 65 | 6.288 | 6.274 | 6.303 | VV | 396       | 6425  | 0.02% | 0.001% |
| 66 | 6.341 | 6.303 | 6.360 | VV | 761       | 16983 | 0.06% | 0.004% |
| 67 | 6.384 | 6.360 | 6.398 | VV | 568       | 8545  | 0.03% | 0.002% |
| 68 | 6.429 | 6.398 | 6.451 | VV | 588       | 13533 | 0.04% | 0.003% |
| 69 | 6.466 | 6.451 | 6.473 | VV | 496       | 6043  | 0.02% | 0.001% |
| 70 | 6.497 | 6.473 | 6.557 | VV | 1321      | 27662 | 0.09% | 0.006% |
| 71 | 6.616 | 6.557 | 6.624 | VV | 596       | 16462 | 0.05% | 0.004% |
| 72 | 6.646 | 6.624 | 6.668 | VV | 1045      | 18007 | 0.06% | 0.004% |
| 73 | 6.691 | 6.668 | 6.740 | VV | 684       | 17275 | 0.06% | 0.004% |
| 74 | 6.778 | 6.740 | 6.796 | VV | 538       | 12783 | 0.04% | 0.003% |
| 75 | 6.826 | 6.796 | 6.868 | VV | 491       | 16264 | 0.05% | 0.004% |
| 76 | 6.886 | 6.868 | 6.905 | VV | 2763      | 30735 | 0.10% | 0.007% |
| 77 | 6.920 | 6.905 | 6.931 | VV | 1597      | 17621 | 0.06% | 0.004% |
| 78 | 6.941 | 6.931 | 6.954 | VV | 1590      | 16707 | 0.06% | 0.004% |
| 79 | 6.965 | 6.954 | 6.991 | VV | 1296      | 18450 | 0.06% | 0.004% |
| 80 | 7.026 | 6.991 | 7.080 | VV | 3514      | 73150 | 0.24% | 0.016% |
| 81 | 7.100 | 7.080 | 7.111 | VV | 603       | 8489  | 0.03% | 0.002% |
| 82 | 7.152 | 7.111 | 7.181 | VV | 871       | 23018 | 0.08% | 0.005% |
| 83 | 7.220 | 7.181 | 7.248 | VV | 1554      | 31588 | 0.10% | 0.007% |
| 84 | 7.266 | 7.248 | 7.281 | VV | 448       | 6798  | 0.02% | 0.001% |
| 85 | 7.306 | 7.281 | 7.333 | VV | 706       | 16318 | 0.05% | 0.004% |
| 86 | 7.344 | 7.333 | 7.371 | VV | 514       | 10619 | 0.04% | 0.002% |
| 87 | 7.425 | 7.371 | 7.459 | VV | 1592      | 41434 | 0.14% | 0.009% |
| 88 | 7.477 | 7.459 | 7.498 | VV | 450       | 6943  | 0.02% | 0.002% |
| 89 | 7.562 | 7.498 | 7.581 | VV | 591       | 16171 | 0.05% | 0.004% |

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Manual Integrations  
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|     |        |        |        |    | rt   | Area  | Conc  | %      |
|-----|--------|--------|--------|----|------|-------|-------|--------|
| 90  | 7.603  | 7.581  | 7.632  | VV | 707  | 16010 | 0.05% | 0.003% |
| 91  | 7.642  | 7.632  | 7.668  | VV | 429  | 6808  | 0.02% | 0.001% |
| 92  | 7.685  | 7.668  | 7.696  | VV | 391  | 4666  | 0.02% | 0.001% |
| 93  | 7.834  | 7.820  | 7.848  | VV | 1079 | 14682 | 0.05% | 0.003% |
| 94  | 7.876  | 7.848  | 7.894  | VV | 978  | 22596 | 0.07% | 0.005% |
| 95  | 7.905  | 7.894  | 7.931  | VV | 623  | 12021 | 0.04% | 0.003% |
| 96  | 7.944  | 7.931  | 7.965  | VV | 659  | 10302 | 0.03% | 0.002% |
| 97  | 7.989  | 7.965  | 8.005  | VV | 836  | 14829 | 0.05% | 0.003% |
| 98  | 8.042  | 8.005  | 8.077  | VV | 1289 | 31201 | 0.10% | 0.007% |
| 99  | 8.115  | 8.077  | 8.155  | VV | 1758 | 39521 | 0.13% | 0.009% |
| 100 | 8.184  | 8.155  | 8.217  | VV | 1267 | 34390 | 0.11% | 0.007% |
| 101 | 8.231  | 8.217  | 8.242  | VV | 1055 | 13224 | 0.04% | 0.003% |
| 102 | 8.258  | 8.242  | 8.274  | VV | 1263 | 17783 | 0.06% | 0.004% |
| 103 | 8.293  | 8.274  | 8.335  | VV | 1821 | 32463 | 0.11% | 0.007% |
| 104 | 8.342  | 8.335  | 8.362  | VV | 610  | 7320  | 0.02% | 0.002% |
| 105 | 8.385  | 8.362  | 8.397  | VV | 555  | 8573  | 0.03% | 0.002% |
| 106 | 8.414  | 8.397  | 8.435  | VV | 685  | 11193 | 0.04% | 0.002% |
| 107 | 8.465  | 8.435  | 8.498  | VV | 1404 | 23072 | 0.08% | 0.005% |
| 108 | 8.525  | 8.498  | 8.561  | VV | 567  | 12025 | 0.04% | 0.003% |
| 109 | 8.693  | 8.678  | 8.724  | VV | 1087 | 25731 | 0.09% | 0.006% |
| 110 | 8.761  | 8.724  | 8.811  | VV | 1622 | 50059 | 0.17% | 0.011% |
| 111 | 8.829  | 8.811  | 8.873  | VV | 2532 | 44002 | 0.15% | 0.010% |
| 112 | 8.882  | 8.873  | 8.896  | VV | 544  | 4535  | 0.01% | 0.001% |
| 113 | 8.920  | 8.896  | 8.935  | VV | 625  | 10554 | 0.03% | 0.002% |
| 114 | 8.948  | 8.935  | 8.961  | VV | 596  | 7949  | 0.03% | 0.002% |
| 115 | 8.980  | 8.961  | 8.993  | VV | 782  | 12017 | 0.04% | 0.003% |
| 116 | 9.030  | 8.993  | 9.078  | VV | 1031 | 39086 | 0.13% | 0.009% |
| 117 | 9.115  | 9.078  | 9.147  | VV | 2319 | 45722 | 0.15% | 0.010% |
| 118 | 9.173  | 9.147  | 9.244  | VV | 1249 | 31000 | 0.10% | 0.007% |
| 119 | 9.276  | 9.244  | 9.298  | VV | 497  | 10429 | 0.03% | 0.002% |
| 120 | 9.312  | 9.298  | 9.348  | VV | 324  | 5976  | 0.02% | 0.001% |
| 121 | 9.362  | 9.348  | 9.380  | VV | 158  | 2075  | 0.01% | 0.000% |
| 122 | 9.411  | 9.380  | 9.423  | VV | 570  | 6910  | 0.02% | 0.002% |
| 123 | 9.441  | 9.423  | 9.465  | VV | 771  | 13602 | 0.04% | 0.003% |
| 124 | 9.493  | 9.465  | 9.507  | VV | 1253 | 18176 | 0.06% | 0.004% |
| 125 | 9.519  | 9.507  | 9.544  | VV | 1123 | 16216 | 0.05% | 0.004% |
| 126 | 9.572  | 9.544  | 9.601  | VV | 1466 | 26507 | 0.09% | 0.006% |
| 127 | 9.621  | 9.601  | 9.637  | VV | 647  | 8859  | 0.03% | 0.002% |
| 128 | 9.650  | 9.637  | 9.661  | VV | 434  | 5316  | 0.02% | 0.001% |
| 129 | 9.673  | 9.661  | 9.708  | VV | 700  | 10599 | 0.04% | 0.002% |
| 130 | 9.733  | 9.708  | 9.755  | VV | 389  | 5177  | 0.02% | 0.001% |
| 131 | 9.769  | 9.755  | 9.781  | VV | 217  | 1877  | 0.01% | 0.000% |
| 132 | 9.830  | 9.781  | 9.871  | PV | 1096 | 27064 | 0.09% | 0.006% |
| 133 | 9.894  | 9.871  | 9.948  | VV | 2955 | 47019 | 0.16% | 0.010% |
| 134 | 9.955  | 9.948  | 9.973  | VV | 322  | 3955  | 0.01% | 0.001% |
| 135 | 10.010 | 9.973  | 10.045 | VV | 464  | 10363 | 0.03% | 0.002% |
| 136 | 10.075 | 10.045 | 10.096 | PV | 306  | 5558  | 0.02% | 0.001% |
| 137 | 10.107 | 10.096 | 10.138 | VV | 347  | 4795  | 0.02% | 0.001% |
| 138 | 10.168 | 10.138 | 10.198 | VV | 330  | 5753  | 0.02% | 0.001% |
| 139 | 10.239 | 10.198 | 10.257 | VV | 689  | 12133 | 0.04% | 0.003% |
| 140 | 10.284 | 10.257 | 10.307 | VV | 2488 | 35672 | 0.12% | 0.008% |
| 141 | 10.349 | 10.307 | 10.356 | VV | 1010 | 24018 | 0.08% | 0.005% |

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|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 142 | 10.374 | 10.356 | 10.401 | VV | 1184   | 20577   | 0.07%  | 0.004% |
| 143 | 10.422 | 10.401 | 10.458 | PV | 1112   | 21264   | 0.07%  | 0.005% |
| 144 | 10.503 | 10.458 | 10.514 | PV | 703    | 13807   | 0.05%  | 0.003% |
| 145 | 10.556 | 10.514 | 10.601 | VV | 1144   | 38065   | 0.13%  | 0.008% |
| 146 | 10.632 | 10.601 | 10.673 | VV | 3516   | 52450   | 0.17%  | 0.011% |
| 147 | 10.705 | 10.673 | 10.761 | VV | 3808   | 68421   | 0.23%  | 0.015% |
| 148 | 10.774 | 10.761 | 10.826 | VV | 541    | 9954    | 0.03%  | 0.002% |
| 149 | 10.856 | 10.826 | 10.878 | VV | 949    | 16939   | 0.06%  | 0.004% |
| 150 | 10.901 | 10.878 | 10.941 | VV | 2172   | 32795   | 0.11%  | 0.007% |
| 151 | 10.974 | 10.941 | 11.004 | VV | 1026   | 19010   | 0.06%  | 0.004% |
| 152 | 11.027 | 11.004 | 11.055 | VV | 912    | 16210   | 0.05%  | 0.004% |
| 153 | 11.081 | 11.055 | 11.098 | VV | 664    | 12912   | 0.04%  | 0.003% |
| 154 | 11.111 | 11.098 | 11.128 | VV | 647    | 8434    | 0.03%  | 0.002% |
| 155 | 11.141 | 11.128 | 11.151 | VV | 519    | 5575    | 0.02%  | 0.001% |
| 156 | 11.203 | 11.151 | 11.232 | VV | 759    | 23091   | 0.08%  | 0.005% |
| 157 | 11.265 | 11.232 | 11.281 | PV | 951    | 16543   | 0.05%  | 0.004% |
| 158 | 11.336 | 11.281 | 11.358 | VV | 4958   | 79608   | 0.26%  | 0.017% |
| 159 | 11.385 | 11.358 | 11.400 | VV | 716    | 16070   | 0.05%  | 0.003% |
| 160 | 11.426 | 11.400 | 11.465 | VV | 4437   | 63971   | 0.21%  | 0.014% |
| 161 | 11.494 | 11.465 | 11.514 | VV | 548    | 8321    | 0.03%  | 0.002% |
| 162 | 11.556 | 11.514 | 11.569 | PV | 752    | 15413   | 0.05%  | 0.003% |
| 163 | 11.594 | 11.569 | 11.614 | VV | 829    | 13276   | 0.04%  | 0.003% |
| 164 | 11.663 | 11.614 | 11.721 | VV | 370653 | 4002779 | 13.24% | 0.871% |
| 165 | 11.734 | 11.721 | 11.753 | VV | 1392   | 16887   | 0.06%  | 0.004% |
| 166 | 11.818 | 11.753 | 11.835 | VV | 1538   | 40371   | 0.13%  | 0.009% |
| 167 | 11.853 | 11.835 | 11.870 | VV | 1501   | 19212   | 0.06%  | 0.004% |
| 168 | 11.885 | 11.870 | 11.931 | VV | 1021   | 14241   | 0.05%  | 0.003% |
| 169 | 11.945 | 11.931 | 11.955 | PV | 379    | 3150    | 0.01%  | 0.001% |
| 170 | 12.004 | 11.955 | 12.030 | VV | 3181   | 62526   | 0.21%  | 0.014% |
| 171 | 12.057 | 12.030 | 12.091 | VV | 892    | 22458   | 0.07%  | 0.005% |
| 172 | 12.107 | 12.091 | 12.131 | VV | 1243   | 19468   | 0.06%  | 0.004% |
| 173 | 12.167 | 12.131 | 12.186 | VV | 789    | 17443   | 0.06%  | 0.004% |
| 174 | 12.208 | 12.186 | 12.219 | PV | 961    | 11757   | 0.04%  | 0.003% |
| 175 | 12.249 | 12.219 | 12.302 | VV | 13281  | 173302  | 0.57%  | 0.038% |
| 176 | 12.318 | 12.302 | 12.332 | VV | 828    | 11585   | 0.04%  | 0.003% |
| 177 | 12.348 | 12.332 | 12.361 | VV | 728    | 10490   | 0.03%  | 0.002% |
| 178 | 12.384 | 12.361 | 12.431 | VV | 1724   | 40151   | 0.13%  | 0.009% |
| 179 | 12.461 | 12.431 | 12.478 | VV | 1093   | 21362   | 0.07%  | 0.005% |
| 180 | 12.496 | 12.478 | 12.536 | VV | 1011   | 21486   | 0.07%  | 0.005% |
| 181 | 12.570 | 12.536 | 12.581 | VV | 1041   | 15959   | 0.05%  | 0.003% |
| 182 | 12.604 | 12.581 | 12.623 | VV | 2420   | 36774   | 0.12%  | 0.008% |
| 183 | 12.645 | 12.623 | 12.692 | VV | 4150   | 73861   | 0.24%  | 0.016% |
| 184 | 12.722 | 12.692 | 12.751 | VV | 3701   | 53850   | 0.18%  | 0.012% |
| 185 | 12.775 | 12.751 | 12.804 | VV | 746    | 18880   | 0.06%  | 0.004% |
| 186 | 12.822 | 12.804 | 12.838 | VV | 478    | 6280    | 0.02%  | 0.001% |
| 187 | 12.846 | 12.838 | 12.863 | VV | 566    | 5711    | 0.02%  | 0.001% |
| 188 | 12.886 | 12.863 | 12.893 | VV | 595    | 7180    | 0.02%  | 0.002% |
| 189 | 12.908 | 12.893 | 12.936 | VV | 889    | 16659   | 0.06%  | 0.004% |
| 190 | 12.964 | 12.936 | 12.991 | VV | 1243   | 24105   | 0.08%  | 0.005% |
| 191 | 13.021 | 12.991 | 13.038 | PV | 4599   | 62732   | 0.21%  | 0.014% |
| 192 | 13.047 | 13.038 | 13.062 | VV | 2374   | 28456   | 0.09%  | 0.006% |
| 193 | 13.095 | 13.062 | 13.177 | VV | 274819 | 3176528 | 10.51% | 0.691% |
| 194 | 13.204 | 13.177 | 13.239 | VV | 1440   | 26835   | 0.09%  | 0.006% |

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|     |        |        |        |    | rteres |        |       |        |
|-----|--------|--------|--------|----|--------|--------|-------|--------|
| 195 | 13.259 | 13.239 | 13.286 | VV | 2530   | 43018  | 0.14% | 0.009% |
| 196 | 13.316 | 13.286 | 13.334 | VV | 1471   | 36303  | 0.12% | 0.008% |
| 197 | 13.352 | 13.334 | 13.397 | VV | 1739   | 31089  | 0.10% | 0.007% |
| 198 | 13.442 | 13.397 | 13.460 | PV | 1310   | 22185  | 0.07% | 0.005% |
| 199 | 13.485 | 13.460 | 13.509 | VV | 3165   | 40170  | 0.13% | 0.009% |
| 200 | 13.542 | 13.509 | 13.559 | VV | 894    | 19483  | 0.06% | 0.004% |
| 201 | 13.608 | 13.559 | 13.633 | VV | 1675   | 35880  | 0.12% | 0.008% |
| 202 | 13.653 | 13.633 | 13.661 | PV | 1041   | 9977   | 0.03% | 0.002% |
| 203 | 13.680 | 13.661 | 13.694 | VV | 823    | 13927  | 0.05% | 0.003% |
| 204 | 13.728 | 13.694 | 13.745 | VV | 1047   | 24662  | 0.08% | 0.005% |
| 205 | 13.798 | 13.745 | 13.821 | VV | 1386   | 47495  | 0.16% | 0.010% |
| 206 | 13.845 | 13.821 | 13.854 | VV | 2334   | 27802  | 0.09% | 0.006% |
| 207 | 13.866 | 13.854 | 13.915 | VV | 2166   | 57278  | 0.19% | 0.012% |
| 208 | 13.927 | 13.915 | 13.948 | VV | 895    | 11838  | 0.04% | 0.003% |
| 209 | 13.990 | 13.948 | 14.015 | PV | 941    | 19109  | 0.06% | 0.004% |
| 210 | 14.077 | 14.015 | 14.105 | PV | 1794   | 36437  | 0.12% | 0.008% |
| 211 | 14.170 | 14.105 | 14.181 | VV | 391    | 13526  | 0.04% | 0.003% |
| 212 | 14.275 | 14.181 | 14.294 | VV | 1487   | 53420  | 0.18% | 0.012% |
| 213 | 14.367 | 14.294 | 14.387 | VV | 2465   | 72892  | 0.24% | 0.016% |
| 214 | 14.409 | 14.387 | 14.431 | VV | 3112   | 45874  | 0.15% | 0.010% |
| 215 | 14.483 | 14.431 | 14.498 | VV | 2036   | 61813  | 0.20% | 0.013% |
| 216 | 14.529 | 14.498 | 14.568 | VV | 2369   | 61002  | 0.20% | 0.013% |
| 217 | 14.589 | 14.568 | 14.605 | VV | 1570   | 20883  | 0.07% | 0.005% |
| 218 | 14.675 | 14.605 | 14.694 | VV | 1913   | 53367  | 0.18% | 0.012% |
| 219 | 14.713 | 14.694 | 14.735 | VV | 1992   | 28135  | 0.09% | 0.006% |
| 220 | 14.752 | 14.735 | 14.761 | VV | 978    | 11237  | 0.04% | 0.002% |
| 221 | 14.769 | 14.761 | 14.781 | VV | 541    | 5648   | 0.02% | 0.001% |
| 222 | 14.848 | 14.781 | 14.863 | VV | 2350   | 47220  | 0.16% | 0.010% |
| 223 | 14.898 | 14.863 | 14.920 | VV | 2940   | 56818  | 0.19% | 0.012% |
| 224 | 14.944 | 14.920 | 14.968 | VV | 5262   | 71650  | 0.24% | 0.016% |
| 225 | 14.991 | 14.968 | 15.013 | VV | 1548   | 26322  | 0.09% | 0.006% |
| 226 | 15.044 | 15.013 | 15.061 | VV | 1769   | 35424  | 0.12% | 0.008% |
| 227 | 15.101 | 15.061 | 15.125 | VV | 2113   | 54200  | 0.18% | 0.012% |
| 228 | 15.148 | 15.125 | 15.170 | VV | 980    | 21530  | 0.07% | 0.005% |
| 229 | 15.216 | 15.170 | 15.239 | VV | 1923   | 36694  | 0.12% | 0.008% |
| 230 | 15.286 | 15.239 | 15.305 | PV | 1248   | 21135  | 0.07% | 0.005% |
| 231 | 15.346 | 15.305 | 15.403 | PV | 9293   | 216360 | 0.72% | 0.047% |
| 232 | 15.420 | 15.403 | 15.436 | VV | 1159   | 15461  | 0.05% | 0.003% |
| 233 | 15.469 | 15.436 | 15.525 | PV | 3756   | 78725  | 0.26% | 0.017% |
| 234 | 15.574 | 15.525 | 15.593 | VV | 3047   | 63512  | 0.21% | 0.014% |
| 235 | 15.617 | 15.593 | 15.641 | VV | 2630   | 49289  | 0.16% | 0.011% |
| 236 | 15.739 | 15.641 | 15.761 | VV | 3907   | 142226 | 0.47% | 0.031% |
| 237 | 15.813 | 15.761 | 15.829 | VV | 2637   | 109160 | 0.36% | 0.024% |
| 238 | 15.876 | 15.829 | 15.891 | VV | 3713   | 108229 | 0.36% | 0.024% |
| 239 | 15.904 | 15.891 | 15.918 | VV | 3875   | 53465  | 0.18% | 0.012% |
| 240 | 15.968 | 15.918 | 15.987 | VV | 6411   | 173480 | 0.57% | 0.038% |
| 241 | 16.008 | 15.987 | 16.061 | VV | 4941   | 160860 | 0.53% | 0.035% |
| 242 | 16.079 | 16.061 | 16.108 | VV | 2373   | 59431  | 0.20% | 0.013% |
| 243 | 16.117 | 16.108 | 16.137 | VV | 2215   | 28656  | 0.09% | 0.006% |
| 244 | 16.172 | 16.137 | 16.204 | VV | 4600   | 114998 | 0.38% | 0.025% |
| 245 | 16.216 | 16.204 | 16.228 | VV | 2394   | 28856  | 0.10% | 0.006% |
| 246 | 16.271 | 16.228 | 16.305 | VV | 5970   | 165136 | 0.55% | 0.036% |

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|--------|--------|--------|--------|----|--------|----------|--------|--------|--|
| 247    | 16.377 | 16.305 | 16.401 | VV | 6801   | 236129   | 0.78%  | 0.051% |  |
| 248    | 16.464 | 16.401 | 16.491 | VV | 10147  | 302019   | 1.00%  | 0.066% |  |
| 249    | 16.517 | 16.491 | 16.527 | VV | 4273   | 90606    | 0.30%  | 0.020% |  |
| 250    | 16.588 | 16.527 | 16.599 | VV | 8100   | 277720   | 0.92%  | 0.060% |  |
| 251    | 16.676 | 16.599 | 16.707 | VV | 9934   | 531344   | 1.76%  | 0.116% |  |
| 252    | 16.788 | 16.707 | 16.824 | VV | 13052  | 714303   | 2.36%  | 0.155% |  |
| 253    | 16.845 | 16.824 | 16.865 | VV | 11806  | 269858   | 0.89%  | 0.059% |  |
| 254    | 16.920 | 16.865 | 16.931 | VV | 18176  | 571109   | 1.89%  | 0.124% |  |
| 255    | 16.954 | 16.931 | 16.978 | VV | 21139  | 505819   | 1.67%  | 0.110% |  |
| 256    | 16.996 | 16.978 | 17.011 | VV | 17466  | 330189   | 1.09%  | 0.072% |  |
| 257    | 17.033 | 17.011 | 17.047 | VV | 16783  | 352039   | 1.16%  | 0.077% |  |
| 258    | 17.183 | 17.047 | 17.205 | VV | 22759  | 1813385  | 6.00%  | 0.395% |  |
| 259    | 17.252 | 17.205 | 17.271 | VV | 25539  | 919385   | 3.04%  | 0.200% |  |
| 260    | 17.330 | 17.271 | 17.340 | VV | 27903  | 1050500  | 3.47%  | 0.229% |  |
| 261    | 17.369 | 17.340 | 17.393 | VV | 37015  | 1005789  | 3.33%  | 0.219% |  |
| 262    | 17.422 | 17.393 | 17.439 | VV | 30211  | 766927   | 2.54%  | 0.167% |  |
| 263    | 17.465 | 17.439 | 17.474 | VV | 31016  | 629363   | 2.08%  | 0.137% |  |
| 264    | 17.503 | 17.474 | 17.531 | VV | 35911  | 1151361  | 3.81%  | 0.251% |  |
| 265    | 17.559 | 17.531 | 17.576 | VV | 37166  | 937282   | 3.10%  | 0.204% |  |
| 266    | 17.593 | 17.576 | 17.605 | VV | 36315  | 605190   | 2.00%  | 0.132% |  |
| 267    | 17.655 | 17.605 | 17.668 | VV | 39547  | 1435869  | 4.75%  | 0.312% |  |
| 268    | 17.686 | 17.668 | 17.695 | VV | 40435  | 651945   | 2.16%  | 0.142% |  |
| 269    | 17.729 | 17.695 | 17.740 | VV | 48245  | 1179905  | 3.90%  | 0.257% |  |
| 270    | 17.745 | 17.740 | 17.753 | VV | 46781  | 370894   | 1.23%  | 0.081% |  |
| 271    | 17.811 | 17.753 | 17.848 | VV | 56322  | 2889902  | 9.56%  | 0.629% |  |
| 272    | 17.885 | 17.848 | 17.908 | VV | 55280  | 1880518  | 6.22%  | 0.409% |  |
| 273    | 17.973 | 17.908 | 18.004 | VV | 72001  | 3476390  | 11.50% | 0.756% |  |
| 274    | 18.014 | 18.004 | 18.042 | VV | 63773  | 1397476  | 4.62%  | 0.304% |  |
| 275    | 18.079 | 18.042 | 18.088 | VV | 59760  | 1586452  | 5.25%  | 0.345% |  |
| 276    | 18.121 | 18.088 | 18.140 | VV | 61485  | 1859447  | 6.15%  | 0.405% |  |
| 277    | 18.181 | 18.140 | 18.191 | VV | 66232  | 1948570  | 6.44%  | 0.424% |  |
| 278    | 18.231 | 18.191 | 18.253 | VV | 69872  | 2401123  | 7.94%  | 0.522% |  |
| 279    | 18.341 | 18.253 | 18.384 | VV | 85394  | 5582299  | 18.46% | 1.215% |  |
| 280    | 18.412 | 18.384 | 18.422 | VV | 79839  | 1758994  | 5.82%  | 0.383% |  |
| 281    | 18.452 | 18.422 | 18.460 | VV | 82775  | 1771077  | 5.86%  | 0.385% |  |
| 282    | 18.514 | 18.460 | 18.535 | VV | 84079  | 3750764  | 12.41% | 0.816% |  |
| 283    | 18.564 | 18.535 | 18.596 | VV | 84407  | 3065419  | 10.14% | 0.667% |  |
| 284    | 18.640 | 18.596 | 18.678 | VV | 90248  | 4180928  | 13.83% | 0.910% |  |
| 285    | 18.722 | 18.678 | 18.730 | VV | 89122  | 2663953  | 8.81%  | 0.580% |  |
| 286    | 18.761 | 18.730 | 18.788 | VV | 101752 | 3285588  | 10.87% | 0.715% |  |
| 287    | 18.815 | 18.788 | 18.835 | VV | 105612 | 2872266  | 9.50%  | 0.625% |  |
| 288    | 18.941 | 18.835 | 18.956 | VV | 115903 | 7761941  | 25.67% | 1.689% |  |
| 289    | 19.038 | 18.956 | 19.059 | VV | 125480 | 7310392  | 24.18% | 1.591% |  |
| 290    | 19.092 | 19.059 | 19.109 | VV | 133889 | 3836145  | 12.69% | 0.835% |  |
| 291    | 19.160 | 19.109 | 19.178 | VV | 137477 | 5395520  | 17.85% | 1.174% |  |
| 292    | 19.195 | 19.178 | 19.205 | VV | 135443 | 2133725  | 7.06%  | 0.464% |  |
| 293    | 19.235 | 19.205 | 19.288 | VV | 140966 | 6875812  | 22.74% | 1.496% |  |
| 294    | 19.304 | 19.288 | 19.323 | VV | 141439 | 2881997  | 9.53%  | 0.627% |  |
| 295    | 19.342 | 19.323 | 19.375 | VV | 142103 | 4362888  | 14.43% | 0.949% |  |
| 296    | 19.573 | 19.375 | 19.599 | VV | 187912 | 22236526 | 73.55% | 4.839% |  |
| 297    | 19.609 | 19.599 | 19.634 | VV | 187228 | 3940734  | 13.03% | 0.858% |  |
| 298    | 19.646 | 19.634 | 19.651 | VV | 183112 | 1848203  | 6.11%  | 0.402% |  |
| 299    | 19.661 | 19.651 | 19.704 | VV | 185156 | 5652893  | 18.70% | 1.230% |  |

Instrument :  
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|--------|--------|--------|--------|-----|--------|----------|---------|--------|
| 300    | 19.721 | 19.704 | 19.742 | VV  | 180441 | 4056405  | 13.42%  | 0.883% |
| 301    | 19.796 | 19.742 | 19.811 | VV  | 196547 | 7732471  | 25.58%  | 1.683% |
| 302    | 19.938 | 19.811 | 19.960 | VV  | 236530 | 19316100 | 63.89%  | 4.203% |
| 303    | 19.974 | 19.960 | 19.986 | VV  | 236189 | 3717827  | 12.30%  | 0.809% |
| 304    | 20.002 | 19.986 | 20.076 | VV  | 236087 | 12387597 | 40.97%  | 2.696% |
| 305    | 20.087 | 20.076 | 20.119 | VV  | 228215 | 5734873  | 18.97%  | 1.248% |
| 306    | 20.159 | 20.119 | 20.176 | VV  | 241939 | 7834643  | 25.91%  | 1.705% |
| 307    | 20.242 | 20.176 | 20.271 | VV  | 264751 | 14511342 | 48.00%  | 3.158% |
| 308    | 20.338 | 20.271 | 20.371 | VV  | 281587 | 16212449 | 53.62%  | 3.528% |
| 309    | 20.388 | 20.371 | 20.411 | VV  | 276150 | 6628325  | 21.92%  | 1.442% |
| 310    | 20.417 | 20.411 | 20.435 | VV  | 271683 | 3810634  | 12.60%  | 0.829% |
| 311    | 20.449 | 20.435 | 20.458 | VV  | 268839 | 3706872  | 12.26%  | 0.807% |
| 312    | 20.524 | 20.458 | 20.643 | VV  | 285776 | 30234471 | 100.00% | 6.579% |
| 313    | 20.664 | 20.643 | 20.686 | VV  | 259032 | 6700411  | 22.16%  | 1.458% |
| 314    | 20.732 | 20.686 | 20.789 | VV  | 267038 | 16208549 | 53.61%  | 3.527% |
| 315    | 20.800 | 20.789 | 20.875 | VV  | 254782 | 12666996 | 41.90%  | 2.756% |
| 316    | 20.917 | 20.875 | 20.934 | VV  | 247663 | 8534122  | 28.23%  | 1.857% |
| 317    | 20.966 | 20.934 | 20.978 | VV  | 248294 | 6514820  | 21.55%  | 1.418% |
| 318    | 20.989 | 20.978 | 21.027 | VV  | 244850 | 7192058  | 23.79%  | 1.565% |
| 319    | 21.052 | 21.027 | 21.064 | VV  | 242964 | 5337245  | 17.65%  | 1.161% |
| 320    | 21.078 | 21.064 | 21.144 | VV  | 242040 | 11276807 | 37.30%  | 2.454% |
| 321    | 21.162 | 21.144 | 21.188 | VV  | 235653 | 6190949  | 20.48%  | 1.347% |
| 322    | 21.198 | 21.188 | 21.236 | VV  | 230933 | 6581293  | 21.77%  | 1.432% |
| 323    | 21.340 | 21.236 | 21.381 | VV  | 228768 | 19450492 | 64.33%  | 4.232% |
| 324    | 21.415 | 21.381 | 21.423 | VV  | 233129 | 5756984  | 19.04%  | 1.253% |
| 325    | 21.433 | 21.423 | 21.461 | VV  | 235216 | 5255027  | 17.38%  | 1.144% |
| 326    | 21.470 | 21.461 | 21.575 | VV  | 229744 | 14521518 | 48.03%  | 3.160% |
| 327    | 21.586 | 21.575 | 21.610 | VV  | 195722 | 4143678  | 13.71%  | 0.902% |
| 328    | 21.633 | 21.610 | 21.652 | VV  | 196120 | 4880745  | 16.14%  | 1.062% |
| 329    | 21.710 | 21.652 | 21.725 | VV  | 202946 | 8609158  | 28.47%  | 1.873% |
| 330    | 21.823 | 21.725 | 21.901 | VBA | 222199 | 22815195 | 75.46%  | 4.965% |

Sum of corrected areas: 459555393

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