

Instrument :  
FID\_C  
ClientSampleId :  
26644

rteres

# Area Percent Report

Manual Integrations  
APPROVED

mohammad  
6/30/2021 2:08:26 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC062921AL\  
Data File : FC054514.D  
Signal(s) : FID1A.CH  
Acq On : 30 Jun 2021 4:41  
Sample : M2885-01  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 062521.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         | 3.156       | 3.138        | 3.191      | PV       | 272            | 5045         | 0.01%          | 0.000%        |
| 2         | 3.202       | 3.191        | 3.231      | VV       | 329            | 3355         | 0.01%          | 0.000%        |
| 3         | 3.267       | 3.231        | 3.279      | VV       | 251            | 4292         | 0.01%          | 0.000%        |
| 4         | 3.302       | 3.279        | 3.322      | VV       | 226            | 4110         | 0.01%          | 0.000%        |
| 5         | 3.335       | 3.322        | 3.375      | VV       | 427            | 7436         | 0.02%          | 0.000%        |
| 6         | 3.411       | 3.375        | 3.439      | VV       | 399            | 10333        | 0.02%          | 0.000%        |
| 7         | 3.456       | 3.439        | 3.486      | PV       | 294            | 4803         | 0.01%          | 0.000%        |
| 8         | 3.513       | 3.486        | 3.531      | VV       | 913            | 11609        | 0.02%          | 0.001%        |
| 9         | 3.543       | 3.531        | 3.587      | VV       | 605            | 11897        | 0.03%          | 0.001%        |
| 10        | 3.609       | 3.587        | 3.625      | VV       | 422            | 8799         | 0.02%          | 0.000%        |
| 11        | 3.646       | 3.625        | 3.691      | VV       | 461            | 15318        | 0.03%          | 0.001%        |
| 12        | 3.708       | 3.691        | 3.751      | VV       | 518            | 13985        | 0.03%          | 0.001%        |
| 13        | 3.761       | 3.751        | 3.781      | VV       | 392            | 4821         | 0.01%          | 0.000%        |
| 14        | 3.805       | 3.781        | 3.835      | VV       | 435            | 8295         | 0.02%          | 0.000%        |
| 15        | 3.852       | 3.835        | 3.888      | VV       | 307            | 6719         | 0.01%          | 0.000%        |
| 16        | 3.896       | 3.888        | 3.917      | VV       | 355            | 3313         | 0.01%          | 0.000%        |
| 17        | 3.929       | 3.917        | 3.943      | VV       | 271            | 2249         | 0.00%          | 0.000%        |
| 18        | 4.029       | 3.943        | 4.051      | VV       | 566            | 18986        | 0.04%          | 0.001%        |
| 19        | 4.106       | 4.051        | 4.175      | VV       | 499            | 25125        | 0.05%          | 0.001%        |
| 20        | 4.188       | 4.175        | 4.223      | VV       | 325            | 6173         | 0.01%          | 0.000%        |
| 21        | 4.285       | 4.223        | 4.298      | VV       | 388            | 9205         | 0.02%          | 0.000%        |
| 22        | 4.312       | 4.298        | 4.338      | VV       | 392            | 6176         | 0.01%          | 0.000%        |
| 23        | 4.352       | 4.338        | 4.374      | VV       | 416            | 5432         | 0.01%          | 0.000%        |
| 24        | 4.395       | 4.374        | 4.411      | VV       | 345            | 6302         | 0.01%          | 0.000%        |
| 25        | 4.417       | 4.411        | 4.431      | VV       | 324            | 3441         | 0.01%          | 0.000%        |
| 26        | 4.452       | 4.431        | 4.465      | VV       | 480            | 6526         | 0.01%          | 0.000%        |
| 27        | 4.483       | 4.465        | 4.501      | VV       | 584            | 6581         | 0.01%          | 0.000%        |
| 28        | 4.531       | 4.501        | 4.557      | VV       | 426            | 9977         | 0.02%          | 0.000%        |
| 29        | 4.580       | 4.557        | 4.610      | VV       | 478            | 11248        | 0.02%          | 0.001%        |
| 30        | 4.627       | 4.610        | 4.654      | VV       | 395            | 7103         | 0.02%          | 0.000%        |
| 31        | 4.667       | 4.654        | 4.697      | VV       | 259            | 4829         | 0.01%          | 0.000%        |
| 32        | 4.708       | 4.697        | 4.733      | VV       | 261            | 3955         | 0.01%          | 0.000%        |
| 33        | 4.788       | 4.733        | 4.806      | VV       | 483            | 14886        | 0.03%          | 0.001%        |
| 34        | 4.825       | 4.806        | 4.852      | VV       | 238            | 5421         | 0.01%          | 0.000%        |
| 35        | 4.862       | 4.852        | 4.870      | VV       | 248            | 2117         | 0.00%          | 0.000%        |
| 36        | 4.887       | 4.870        | 4.899      | VV       | 424            | 5387         | 0.01%          | 0.000%        |

|    |       |       |       |    |        |         |        |        |
|----|-------|-------|-------|----|--------|---------|--------|--------|
| 37 | 4.909 | 4.899 | 4.971 | VV | 346    | 11927   | 0.03%  | 0.001% |
| 38 | 5.001 | 4.971 | 5.025 | VV | 382    | 9367    | 0.02%  | 0.000% |
| 39 | 5.036 | 5.025 | 5.063 | VV | 491    | 7218    | 0.02%  | 0.000% |
| 40 | 5.083 | 5.063 | 5.095 | VV | 330    | 5164    | 0.01%  | 0.000% |
| 41 | 5.100 | 5.095 | 5.115 | VV | 283    | 3030    | 0.01%  | 0.000% |
| 42 | 5.119 | 5.115 | 5.158 | VV | 361    | 3290    | 0.01%  | 0.000% |
| 43 | 5.196 | 5.158 | 5.204 | PV | 196    | 2926    | 0.01%  | 0.000% |
| 44 | 5.235 | 5.204 | 5.269 | VV | 451    | 11750   | 0.02%  | 0.001% |
| 45 | 5.305 | 5.269 | 5.351 | VV | 328    | 11536   | 0.02%  | 0.001% |
| 46 | 5.361 | 5.351 | 5.397 | VV | 345    | 5515    | 0.01%  | 0.000% |
| 47 | 5.413 | 5.397 | 5.431 | PV | 225    | 1810    | 0.00%  | 0.000% |
| 48 | 5.479 | 5.431 | 5.498 | VV | 272    | 7064    | 0.01%  | 0.000% |
| 49 | 5.522 | 5.498 | 5.534 | VV | 250    | 4452    | 0.01%  | 0.000% |
| 50 | 5.545 | 5.534 | 5.572 | VV | 306    | 3994    | 0.01%  | 0.000% |
| 51 | 5.602 | 5.572 | 5.625 | VV | 134    | 2205    | 0.00%  | 0.000% |
| 52 | 5.656 | 5.625 | 5.665 | VV | 319    | 4513    | 0.01%  | 0.000% |
| 53 | 5.681 | 5.665 | 5.748 | VV | 365    | 8029    | 0.02%  | 0.000% |
| 54 | 5.794 | 5.748 | 5.805 | PV | 361    | 7170    | 0.02%  | 0.000% |
| 55 | 5.815 | 5.805 | 5.828 | VV | 287    | 3146    | 0.01%  | 0.000% |
| 56 | 5.860 | 5.828 | 5.901 | VV | 1063   | 28251   | 0.06%  | 0.001% |
| 57 | 5.936 | 5.901 | 5.978 | VV | 670    | 22114   | 0.05%  | 0.001% |
| 58 | 5.988 | 5.978 | 5.995 | VV | 191    | 1674    | 0.00%  | 0.000% |
| 59 | 6.005 | 5.995 | 6.022 | VV | 224    | 2678    | 0.01%  | 0.000% |
| 60 | 6.039 | 6.022 | 6.052 | VV | 238    | 2552    | 0.01%  | 0.000% |
| 61 | 6.119 | 6.052 | 6.132 | VV | 429    | 11942   | 0.03%  | 0.001% |
| 62 | 6.145 | 6.132 | 6.156 | VV | 416    | 5120    | 0.01%  | 0.000% |
| 63 | 6.183 | 6.156 | 6.218 | VV | 452    | 9786    | 0.02%  | 0.000% |
| 64 | 6.242 | 6.218 | 6.265 | PV | 186    | 3230    | 0.01%  | 0.000% |
| 65 | 6.290 | 6.265 | 6.319 | VV | 562    | 7789    | 0.02%  | 0.000% |
| 66 | 6.356 | 6.319 | 6.378 | VV | 542    | 12871   | 0.03%  | 0.001% |
| 67 | 6.389 | 6.378 | 6.410 | VV | 443    | 5427    | 0.01%  | 0.000% |
| 68 | 6.467 | 6.410 | 6.491 | PV | 1322   | 20296   | 0.04%  | 0.001% |
| 69 | 6.542 | 6.491 | 6.569 | VV | 954    | 19375   | 0.04%  | 0.001% |
| 70 | 6.603 | 6.569 | 6.635 | VV | 1906   | 32743   | 0.07%  | 0.002% |
| 71 | 6.656 | 6.635 | 6.672 | VV | 1112   | 17492   | 0.04%  | 0.001% |
| 72 | 6.711 | 6.672 | 6.731 | VV | 2464   | 62594   | 0.13%  | 0.003% |
| 73 | 6.757 | 6.731 | 6.779 | VV | 2581   | 58903   | 0.13%  | 0.003% |
| 74 | 6.807 | 6.779 | 6.823 | VV | 2827   | 55406   | 0.12%  | 0.003% |
| 75 | 6.852 | 6.823 | 6.880 | VV | 3753   | 92442   | 0.20%  | 0.004% |
| 76 | 6.901 | 6.880 | 6.939 | VV | 4398   | 115103  | 0.24%  | 0.005% |
| 77 | 6.951 | 6.939 | 6.962 | VV | 3072   | 37182   | 0.08%  | 0.002% |
| 78 | 7.003 | 6.962 | 7.021 | VV | 5453   | 158257  | 0.34%  | 0.007% |
| 79 | 7.035 | 7.021 | 7.057 | VV | 5040   | 98090   | 0.21%  | 0.005% |
| 80 | 7.078 | 7.057 | 7.095 | VV | 6052   | 119402  | 0.25%  | 0.006% |
| 81 | 7.131 | 7.095 | 7.164 | VV | 7843   | 273227  | 0.58%  | 0.013% |
| 82 | 7.184 | 7.164 | 7.198 | VV | 6726   | 126978  | 0.27%  | 0.006% |
| 83 | 7.271 | 7.198 | 7.284 | VV | 11241  | 504316  | 1.07%  | 0.023% |
| 84 | 7.311 | 7.284 | 7.332 | VV | 14280  | 353808  | 0.75%  | 0.016% |
| 85 | 7.346 | 7.332 | 7.356 | VV | 11860  | 159345  | 0.34%  | 0.007% |
| 86 | 7.374 | 7.356 | 7.387 | VV | 15369  | 256951  | 0.55%  | 0.012% |
| 87 | 7.438 | 7.387 | 7.481 | VV | 667864 | 7313028 | 15.52% | 0.338% |
| 88 | 7.494 | 7.481 | 7.525 | VV | 25755  | 606150  | 1.29%  | 0.028% |
| 89 | 7.550 | 7.525 | 7.568 | VV | 37716  | 746316  | 1.58%  | 0.035% |

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|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 90     | 7.595  | 7.568  | 7.616  | VV | 31109  | 807515   | 1.71%  | 0.037% |
| 91     | 7.653  | 7.616  | 7.664  | VV | 30281  | 801774   | 1.70%  | 0.037% |
| 92     | 7.689  | 7.664  | 7.706  | VV | 38480  | 867181   | 1.84%  | 0.040% |
| 93     | 7.727  | 7.706  | 7.744  | VV | 45072  | 922809   | 1.96%  | 0.043% |
| 94     | 7.756  | 7.744  | 7.770  | VV | 41699  | 629742   | 1.34%  | 0.029% |
| 95     | 7.790  | 7.770  | 7.805  | VV | 50132  | 922173   | 1.96%  | 0.043% |
| 96     | 7.829  | 7.805  | 7.844  | VV | 58241  | 1178168  | 2.50%  | 0.054% |
| 97     | 7.866  | 7.844  | 7.885  | VV | 55093  | 1267850  | 2.69%  | 0.059% |
| 98     | 7.941  | 7.885  | 7.950  | VV | 67223  | 2192281  | 4.65%  | 0.101% |
| 99     | 7.970  | 7.950  | 7.986  | VV | 77354  | 1515014  | 3.22%  | 0.070% |
| 100    | 7.999  | 7.986  | 8.015  | VV | 76559  | 1237053  | 2.63%  | 0.057% |
| 101    | 8.062  | 8.015  | 8.100  | VV | 85538  | 3859932  | 8.19%  | 0.178% |
| 102    | 8.146  | 8.100  | 8.159  | VV | 111974 | 3478518  | 7.38%  | 0.161% |
| 103    | 8.179  | 8.159  | 8.201  | VV | 111716 | 2646906  | 5.62%  | 0.122% |
| 104    | 8.252  | 8.201  | 8.269  | VV | 123368 | 4571611  | 9.70%  | 0.211% |
| 105    | 8.302  | 8.269  | 8.352  | VV | 510065 | 10252234 | 21.76% | 0.474% |
| 106    | 8.378  | 8.352  | 8.405  | VV | 152939 | 4591848  | 9.75%  | 0.212% |
| 107    | 8.444  | 8.405  | 8.464  | VV | 172964 | 5509277  | 11.69% | 0.255% |
| 108    | 8.482  | 8.464  | 8.492  | VV | 175422 | 2858446  | 6.07%  | 0.132% |
| 109    | 8.510  | 8.492  | 8.531  | VV | 201425 | 4379506  | 9.30%  | 0.202% |
| 110    | 8.580  | 8.531  | 8.594  | VV | 191819 | 6857447  | 14.56% | 0.317% |
| 111    | 8.613  | 8.594  | 8.626  | VV | 220333 | 3952744  | 8.39%  | 0.183% |
| 112    | 8.636  | 8.626  | 8.643  | VV | 204613 | 2070938  | 4.40%  | 0.096% |
| 113    | 8.673  | 8.643  | 8.694  | VV | 228507 | 6533719  | 13.87% | 0.302% |
| 114    | 8.731  | 8.694  | 8.780  | VV | 268402 | 12322001 | 26.15% | 0.570% |
| 115    | 8.804  | 8.780  | 8.816  | VV | 244400 | 5066795  | 10.75% | 0.234% |
| 116    | 8.867  | 8.816  | 8.878  | VV | 257635 | 9141928  | 19.40% | 0.423% |
| 117    | 8.908  | 8.878  | 8.931  | VV | 307771 | 8924399  | 18.94% | 0.413% |
| 118    | 8.973  | 8.931  | 8.994  | VV | 287569 | 10331788 | 21.93% | 0.478% |
| 119    | 9.043  | 8.994  | 9.076  | VV | 331099 | 15391030 | 32.67% | 0.712% |
| 120    | 9.110  | 9.076  | 9.133  | VV | 330066 | 10910574 | 23.16% | 0.504% |
| 121    | 9.202  | 9.133  | 9.233  | VV | 411102 | 21382250 | 45.38% | 0.989% |
| 122    | 9.250  | 9.233  | 9.260  | VV | 356472 | 5606326  | 11.90% | 0.259% |
| 123    | 9.279  | 9.260  | 9.295  | VV | 374495 | 7565240  | 16.06% | 0.350% |
| 124    | 9.323  | 9.295  | 9.344  | VV | 388175 | 11106026 | 23.57% | 0.513% |
| 125    | 9.361  | 9.344  | 9.399  | VV | 406456 | 12661237 | 26.87% | 0.585% |
| 126    | 9.460  | 9.399  | 9.492  | VV | 405204 | 21661851 | 45.98% | 1.001% |
| 127    | 9.563  | 9.492  | 9.587  | VV | 460355 | 24289601 | 51.56% | 1.123% |
| 128    | 9.612  | 9.587  | 9.624  | VV | 438366 | 9331392  | 19.81% | 0.431% |
| 129    | 9.658  | 9.624  | 9.670  | VV | 457305 | 12282808 | 26.07% | 0.568% |
| 130    | 9.692  | 9.670  | 9.725  | VV | 466432 | 15080031 | 32.01% | 0.697% |
| 131    | 9.775  | 9.725  | 9.798  | VV | 515373 | 20774535 | 44.09% | 0.960% |
| 132    | 9.806  | 9.798  | 9.818  | VV | 467382 | 5469074  | 11.61% | 0.253% |
| 133    | 9.838  | 9.818  | 9.862  | VV | 525562 | 13003933 | 27.60% | 0.601% |
| 134    | 9.898  | 9.862  | 9.938  | VV | 507347 | 22590106 | 47.95% | 1.044% |
| 135    | 9.953  | 9.938  | 9.968  | VV | 522743 | 9280202  | 19.70% | 0.429% |
| 136    | 10.003 | 9.968  | 10.036 | VV | 578994 | 22465812 | 47.68% | 1.039% |
| 137    | 10.076 | 10.036 | 10.102 | VV | 600916 | 21867354 | 46.41% | 1.011% |
| 138    | 10.137 | 10.102 | 10.169 | VV | 630337 | 23144195 | 49.12% | 1.070% |
| 139    | 10.191 | 10.169 | 10.218 | VV | 564345 | 16074999 | 34.12% | 0.743% |
| 140    | 10.241 | 10.218 | 10.254 | VV | 592963 | 12666289 | 26.88% | 0.586% |
| 141    | 10.275 | 10.254 | 10.295 | VV | 619436 | 14328130 | 30.41% | 0.662% |

| rteres |        |        |        |    |         |          |         |        |
|--------|--------|--------|--------|----|---------|----------|---------|--------|
| 142    | 10.331 | 10.295 | 10.358 | VV | 616189  | 22439835 | 47.63%  | 1.037% |
| 143    | 10.399 | 10.358 | 10.408 | VV | 686968  | 19091579 | 40.52%  | 0.883% |
| 144    | 10.425 | 10.408 | 10.480 | VV | 729767  | 27890300 | 59.20%  | 1.289% |
| 145    | 10.493 | 10.480 | 10.518 | VV | 611773  | 13668742 | 29.01%  | 0.632% |
| 146    | 10.545 | 10.518 | 10.559 | VV | 665714  | 15251484 | 32.37%  | 0.705% |
| 147    | 10.581 | 10.559 | 10.603 | VV | 720010  | 17957225 | 38.11%  | 0.830% |
| 148    | 10.617 | 10.603 | 10.641 | VV | 693229  | 14982846 | 31.80%  | 0.693% |
| 149    | 10.662 | 10.641 | 10.697 | VV | 678163  | 21641664 | 45.93%  | 1.001% |
| 150    | 10.715 | 10.697 | 10.732 | VV | 659477  | 13427115 | 28.50%  | 0.621% |
| 151    | 10.757 | 10.732 | 10.794 | VV | 674736  | 24040685 | 51.03%  | 1.111% |
| 152    | 10.830 | 10.794 | 10.863 | VV | 697512  | 27473634 | 58.31%  | 1.270% |
| 153    | 10.883 | 10.863 | 10.908 | VV | 729796  | 18851771 | 40.01%  | 0.872% |
| 154    | 10.929 | 10.908 | 10.955 | VV | 734884  | 19326371 | 41.02%  | 0.893% |
| 155    | 10.973 | 10.955 | 10.994 | VV | 774461  | 16605479 | 35.25%  | 0.768% |
| 156    | 11.010 | 10.994 | 11.038 | VV | 720613  | 18422443 | 39.10%  | 0.852% |
| 157    | 11.063 | 11.038 | 11.117 | VV | 695853  | 31624277 | 67.12%  | 1.462% |
| 158    | 11.147 | 11.117 | 11.192 | VV | 927745  | 33356662 | 70.80%  | 1.542% |
| 159    | 11.205 | 11.192 | 11.237 | VV | 663701  | 17370357 | 36.87%  | 0.803% |
| 160    | 11.280 | 11.237 | 11.311 | VV | 696689  | 30270095 | 64.25%  | 1.399% |
| 161    | 11.358 | 11.311 | 11.391 | VV | 1129464 | 38524607 | 81.77%  | 1.781% |
| 162    | 11.417 | 11.391 | 11.474 | VV | 716811  | 34057355 | 72.29%  | 1.574% |
| 163    | 11.513 | 11.474 | 11.528 | VV | 732319  | 22750329 | 48.29%  | 1.052% |
| 164    | 11.542 | 11.528 | 11.558 | VV | 791209  | 13328073 | 28.29%  | 0.616% |
| 165    | 11.573 | 11.558 | 11.620 | VV | 727037  | 26468933 | 56.18%  | 1.224% |
| 166    | 11.653 | 11.620 | 11.675 | VV | 755031  | 23185380 | 49.21%  | 1.072% |
| 167    | 11.704 | 11.675 | 11.781 | VV | 800047  | 45037385 | 95.59%  | 2.082% |
| 168    | 11.842 | 11.781 | 11.898 | VV | 722399  | 47113722 | 100.00% | 2.178% |
| 169    | 11.926 | 11.898 | 11.953 | VV | 716523  | 22792042 | 48.38%  | 1.054% |
| 170    | 11.965 | 11.953 | 12.008 | VV | 688172  | 22164621 | 47.04%  | 1.025% |
| 171    | 12.025 | 12.008 | 12.055 | VV | 679477  | 18651291 | 39.59%  | 0.862% |
| 172    | 12.072 | 12.055 | 12.091 | VV | 678721  | 14546128 | 30.87%  | 0.672% |
| 173    | 12.102 | 12.091 | 12.168 | VV | 682818  | 30429253 | 64.59%  | 1.407% |
| 174    | 12.204 | 12.168 | 12.249 | VV | 754332  | 33018762 | 70.08%  | 1.526% |
| 175    | 12.284 | 12.249 | 12.305 | VV | 702288  | 22065589 | 46.83%  | 1.020% |
| 176    | 12.321 | 12.305 | 12.338 | VV | 657534  | 12819426 | 27.21%  | 0.593% |
| 177    | 12.367 | 12.338 | 12.418 | VV | 677097  | 30598601 | 64.95%  | 1.415% |
| 178    | 12.459 | 12.418 | 12.487 | VV | 742858  | 27351185 | 58.05%  | 1.264% |
| 179    | 12.507 | 12.487 | 12.538 | VV | 651842  | 19292676 | 40.95%  | 0.892% |
| 180    | 12.550 | 12.538 | 12.598 | VV | 618024  | 21650862 | 45.95%  | 1.001% |
| 181    | 12.608 | 12.598 | 12.615 | VV | 594717  | 5939141  | 12.61%  | 0.275% |
| 182    | 12.642 | 12.615 | 12.665 | VV | 607487  | 17852373 | 37.89%  | 0.825% |
| 183    | 12.687 | 12.665 | 12.708 | VV | 601357  | 15019527 | 31.88%  | 0.694% |
| 184    | 12.725 | 12.708 | 12.749 | VV | 609587  | 14502529 | 30.78%  | 0.670% |
| 185    | 12.805 | 12.749 | 12.829 | VV | 859746  | 31589787 | 67.05%  | 1.460% |
| 186    | 12.853 | 12.829 | 12.925 | VV | 639311  | 34674941 | 73.60%  | 1.603% |
| 187    | 12.931 | 12.925 | 12.958 | VV | 588213  | 11280457 | 23.94%  | 0.522% |
| 188    | 13.023 | 12.958 | 13.057 | VV | 813071  | 36749809 | 78.00%  | 1.699% |
| 189    | 13.081 | 13.057 | 13.095 | VV | 553627  | 12223948 | 25.95%  | 0.565% |
| 190    | 13.123 | 13.095 | 13.165 | VV | 600068  | 23127531 | 49.09%  | 1.069% |
| 191    | 13.195 | 13.165 | 13.221 | VV | 563200  | 18501610 | 39.27%  | 0.855% |
| 192    | 13.241 | 13.221 | 13.264 | VV | 554000  | 13683873 | 29.04%  | 0.633% |
| 193    | 13.281 | 13.264 | 13.337 | VV | 536328  | 22303931 | 47.34%  | 1.031% |
| 194    | 13.391 | 13.337 | 13.428 | VV | 518320  | 27728089 | 58.85%  | 1.282% |

Instrument :  
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ClientSampleId :  
26644

Manual Integrations  
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| rteres |        |        |        |    |        |          |        |        |
|--------|--------|--------|--------|----|--------|----------|--------|--------|
| 195    | 13.465 | 13.428 | 13.508 | VV | 534835 | 24117565 | 51.19% | 1.115% |
| 196    | 13.540 | 13.508 | 13.581 | VV | 529634 | 21531353 | 45.70% | 0.995% |
| 197    | 13.591 | 13.581 | 13.658 | VV | 485024 | 21107925 | 44.80% | 0.976% |
| 198    | 13.697 | 13.658 | 13.728 | VV | 490161 | 19129957 | 40.60% | 0.884% |
| 199    | 13.755 | 13.728 | 13.764 | VV | 473635 | 9946777  | 21.11% | 0.460% |
| 200    | 13.781 | 13.764 | 13.821 | VV | 477402 | 15631626 | 33.18% | 0.723% |
| 201    | 13.851 | 13.821 | 13.888 | VV | 442955 | 16984524 | 36.05% | 0.785% |
| 202    | 13.933 | 13.888 | 13.975 | VV | 423906 | 21254332 | 45.11% | 0.983% |
| 203    | 13.983 | 13.975 | 13.988 | VV | 396816 | 3027895  | 6.43%  | 0.140% |
| 204    | 13.996 | 13.988 | 14.016 | VV | 399262 | 6702782  | 14.23% | 0.310% |
| 205    | 14.048 | 14.016 | 14.094 | VV | 445328 | 18544031 | 39.36% | 0.857% |
| 206    | 14.115 | 14.094 | 14.141 | VV | 379685 | 10265252 | 21.79% | 0.475% |
| 207    | 14.159 | 14.141 | 14.172 | VV | 373580 | 6564582  | 13.93% | 0.303% |
| 208    | 14.183 | 14.172 | 14.213 | VV | 373425 | 9067635  | 19.25% | 0.419% |
| 209    | 14.233 | 14.213 | 14.265 | VV | 366496 | 11108359 | 23.58% | 0.514% |
| 210    | 14.274 | 14.265 | 14.298 | VV | 347055 | 6759600  | 14.35% | 0.313% |
| 211    | 14.312 | 14.298 | 14.323 | VV | 324080 | 4781029  | 10.15% | 0.221% |
| 212    | 14.351 | 14.323 | 14.385 | VV | 355253 | 12142887 | 25.77% | 0.561% |
| 213    | 14.399 | 14.385 | 14.463 | VV | 315130 | 14125740 | 29.98% | 0.653% |
| 214    | 14.476 | 14.463 | 14.538 | VV | 297037 | 12954699 | 27.50% | 0.599% |
| 215    | 14.549 | 14.538 | 14.599 | VV | 287359 | 10137998 | 21.52% | 0.469% |
| 216    | 14.609 | 14.599 | 14.628 | VV | 273842 | 4642657  | 9.85%  | 0.215% |
| 217    | 14.644 | 14.628 | 14.675 | VV | 274146 | 7372844  | 15.65% | 0.341% |
| 218    | 14.692 | 14.675 | 14.715 | VV | 255410 | 6055061  | 12.85% | 0.280% |
| 219    | 14.728 | 14.715 | 14.752 | VV | 252403 | 5506756  | 11.69% | 0.255% |
| 220    | 14.781 | 14.752 | 14.828 | VV | 251292 | 10911379 | 23.16% | 0.504% |
| 221    | 14.842 | 14.828 | 14.865 | VV | 230555 | 4932663  | 10.47% | 0.228% |
| 222    | 14.886 | 14.865 | 14.917 | VV | 226007 | 6879486  | 14.60% | 0.318% |
| 223    | 14.955 | 14.917 | 15.021 | VV | 221606 | 12959899 | 27.51% | 0.599% |
| 224    | 15.049 | 15.021 | 15.069 | VV | 208650 | 5887885  | 12.50% | 0.272% |
| 225    | 15.082 | 15.069 | 15.171 | VV | 199011 | 11378787 | 24.15% | 0.526% |
| 226    | 15.198 | 15.171 | 15.255 | VV | 188388 | 8938590  | 18.97% | 0.413% |
| 227    | 15.277 | 15.255 | 15.338 | VV | 173847 | 7960894  | 16.90% | 0.368% |
| 228    | 15.370 | 15.338 | 15.394 | VV | 151154 | 4883887  | 10.37% | 0.226% |
| 229    | 15.408 | 15.394 | 15.443 | VV | 144998 | 4171271  | 8.85%  | 0.193% |
| 230    | 15.478 | 15.443 | 15.611 | VV | 145341 | 12996364 | 27.59% | 0.601% |
| 231    | 15.621 | 15.611 | 15.643 | VV | 119067 | 2168345  | 4.60%  | 0.100% |
| 232    | 15.666 | 15.643 | 15.689 | VV | 119398 | 3223316  | 6.84%  | 0.149% |
| 233    | 15.705 | 15.689 | 15.768 | VV | 115097 | 4973494  | 10.56% | 0.230% |
| 234    | 15.780 | 15.768 | 15.798 | VV | 99809  | 1764469  | 3.75%  | 0.082% |
| 235    | 15.837 | 15.798 | 15.885 | VV | 126181 | 5302948  | 11.26% | 0.245% |
| 236    | 15.901 | 15.885 | 15.925 | VV | 93403  | 2195939  | 4.66%  | 0.102% |
| 237    | 15.937 | 15.925 | 15.948 | VV | 91340  | 1219868  | 2.59%  | 0.056% |
| 238    | 15.977 | 15.948 | 15.993 | VV | 94829  | 2461424  | 5.22%  | 0.114% |
| 239    | 16.009 | 15.993 | 16.031 | VV | 97146  | 2103958  | 4.47%  | 0.097% |
| 240    | 16.049 | 16.031 | 16.075 | VV | 91894  | 2225191  | 4.72%  | 0.103% |
| 241    | 16.086 | 16.075 | 16.111 | VV | 79716  | 1677743  | 3.56%  | 0.078% |
| 242    | 16.137 | 16.111 | 16.198 | VV | 75143  | 3569799  | 7.58%  | 0.165% |
| 243    | 16.224 | 16.198 | 16.261 | VV | 69926  | 2542540  | 5.40%  | 0.118% |
| 244    | 16.270 | 16.261 | 16.311 | VV | 66377  | 1853879  | 3.93%  | 0.086% |
| 245    | 16.331 | 16.311 | 16.418 | VV | 61839  | 3608921  | 7.66%  | 0.167% |
| 246    | 16.446 | 16.418 | 16.489 | VV | 53445  | 2130693  | 4.52%  | 0.099% |

Instrument :  
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ClientSampleId :  
26644

Manual Integrations  
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| rteres |        |        |        |    |       |         |       |        |
|--------|--------|--------|--------|----|-------|---------|-------|--------|
| 247    | 16.498 | 16.489 | 16.514 | VV | 42803 | 614765  | 1.30% | 0.028% |
| 248    | 16.531 | 16.514 | 16.586 | VV | 42783 | 1759904 | 3.74% | 0.081% |
| 249    | 16.612 | 16.586 | 16.635 | VV | 54263 | 1319564 | 2.80% | 0.061% |
| 250    | 16.647 | 16.635 | 16.664 | VV | 41693 | 684310  | 1.45% | 0.032% |
| 251    | 16.680 | 16.664 | 16.711 | VV | 42330 | 1029893 | 2.19% | 0.048% |
| 252    | 16.730 | 16.711 | 16.765 | VV | 32380 | 997005  | 2.12% | 0.046% |
| 253    | 16.818 | 16.765 | 16.874 | VV | 35647 | 1925981 | 4.09% | 0.089% |
| 254    | 16.895 | 16.874 | 16.961 | VV | 26363 | 1218204 | 2.59% | 0.056% |
| 255    | 16.990 | 16.961 | 17.031 | VV | 30304 | 1006995 | 2.14% | 0.047% |
| 256    | 17.056 | 17.031 | 17.098 | VV | 25273 | 796504  | 1.69% | 0.037% |
| 257    | 17.111 | 17.098 | 17.126 | VV | 18272 | 289328  | 0.61% | 0.013% |
| 258    | 17.153 | 17.126 | 17.308 | VV | 17915 | 1532127 | 3.25% | 0.071% |
| 259    | 17.321 | 17.308 | 17.341 | VV | 11384 | 204639  | 0.43% | 0.009% |
| 260    | 17.372 | 17.341 | 17.401 | VV | 10760 | 343335  | 0.73% | 0.016% |
| 261    | 17.444 | 17.401 | 17.465 | VV | 11765 | 381449  | 0.81% | 0.018% |
| 262    | 17.475 | 17.465 | 17.535 | VV | 9787  | 312604  | 0.66% | 0.014% |
| 263    | 17.578 | 17.535 | 17.595 | VV | 10733 | 252602  | 0.54% | 0.012% |
| 264    | 17.610 | 17.595 | 17.691 | VV | 8613  | 340388  | 0.72% | 0.016% |
| 265    | 17.712 | 17.691 | 17.733 | VV | 4775  | 105937  | 0.22% | 0.005% |
| 266    | 17.795 | 17.733 | 17.821 | VV | 5743  | 248371  | 0.53% | 0.011% |
| 267    | 17.872 | 17.821 | 17.895 | VV | 12980 | 358555  | 0.76% | 0.017% |
| 268    | 17.910 | 17.895 | 17.951 | VV | 11610 | 232345  | 0.49% | 0.011% |
| 269    | 17.977 | 17.951 | 17.995 | VV | 5352  | 98083   | 0.21% | 0.005% |
| 270    | 18.006 | 17.995 | 18.081 | VV | 2783  | 81673   | 0.17% | 0.004% |
| 271    | 18.100 | 18.081 | 18.115 | VV | 1126  | 10473   | 0.02% | 0.000% |
| 272    | 18.141 | 18.115 | 18.155 | VV | 1313  | 18568   | 0.04% | 0.001% |
| 273    | 18.179 | 18.155 | 18.193 | VV | 2153  | 27875   | 0.06% | 0.001% |
| 274    | 18.208 | 18.193 | 18.229 | VV | 1909  | 27693   | 0.06% | 0.001% |
| 275    | 18.238 | 18.229 | 18.253 | VV | 981   | 8136    | 0.02% | 0.000% |
| 276    | 18.314 | 18.253 | 18.351 | PV | 4702  | 116904  | 0.25% | 0.005% |
| 277    | 18.419 | 18.351 | 18.437 | VV | 6018  | 134801  | 0.29% | 0.006% |
| 278    | 18.452 | 18.437 | 18.471 | VV | 4514  | 65275   | 0.14% | 0.003% |
| 279    | 18.492 | 18.471 | 18.551 | VV | 4912  | 125871  | 0.27% | 0.006% |
| 280    | 18.576 | 18.551 | 18.592 | VV | 3457  | 63025   | 0.13% | 0.003% |
| 281    | 18.615 | 18.592 | 18.634 | VV | 3536  | 75569   | 0.16% | 0.003% |
| 282    | 18.694 | 18.634 | 18.766 | VV | 12550 | 539716  | 1.15% | 0.025% |
| 283    | 18.788 | 18.766 | 18.803 | VV | 2184  | 32762   | 0.07% | 0.002% |
| 284    | 18.819 | 18.803 | 18.828 | VV | 3509  | 36990   | 0.08% | 0.002% |
| 285    | 18.838 | 18.828 | 18.868 | VV | 2834  | 38473   | 0.08% | 0.002% |
| 286    | 18.913 | 18.868 | 18.923 | PV | 3692  | 49354   | 0.10% | 0.002% |
| 287    | 18.946 | 18.923 | 19.001 | VV | 6303  | 198557  | 0.42% | 0.009% |
| 288    | 19.025 | 19.001 | 19.035 | VV | 3868  | 66176   | 0.14% | 0.003% |
| 289    | 19.109 | 19.035 | 19.134 | VV | 8449  | 341632  | 0.73% | 0.016% |
| 290    | 19.151 | 19.134 | 19.171 | VV | 8344  | 141784  | 0.30% | 0.007% |
| 291    | 19.213 | 19.171 | 19.245 | VV | 8154  | 246593  | 0.52% | 0.011% |
| 292    | 19.268 | 19.245 | 19.308 | VV | 4570  | 99439   | 0.21% | 0.005% |
| 293    | 19.316 | 19.308 | 19.328 | VV | 1721  | 14541   | 0.03% | 0.001% |
| 294    | 19.342 | 19.328 | 19.351 | VV | 1668  | 15340   | 0.03% | 0.001% |
| 295    | 19.372 | 19.351 | 19.385 | VV | 2392  | 34676   | 0.07% | 0.002% |
| 296    | 19.422 | 19.385 | 19.451 | VV | 18222 | 325629  | 0.69% | 0.015% |
| 297    | 19.481 | 19.451 | 19.554 | VV | 9083  | 417798  | 0.89% | 0.019% |
| 298    | 19.566 | 19.554 | 19.576 | VV | 5654  | 67358   | 0.14% | 0.003% |
| 299    | 19.605 | 19.576 | 19.625 | VV | 7514  | 175593  | 0.37% | 0.008% |

Instrument :  
FID\_C  
ClientSampleId :  
26644

Manual Integrations  
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Instrument :  
FID\_C  
ClientSampleId :  
26644

Manual Integrations  
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| rteres |        |        |        |    |       |         |       |        |  |
|--------|--------|--------|--------|----|-------|---------|-------|--------|--|
| 300    | 19.646 | 19.625 | 19.656 | VV | 8022  | 125003  | 0.27% | 0.006% |  |
| 301    | 19.713 | 19.656 | 19.738 | VV | 11929 | 433777  | 0.92% | 0.020% |  |
| 302    | 19.780 | 19.738 | 19.792 | VV | 11807 | 327731  | 0.70% | 0.015% |  |
| 303    | 19.860 | 19.792 | 19.906 | VV | 12610 | 733314  | 1.56% | 0.034% |  |
| 304    | 19.994 | 19.906 | 20.028 | VV | 19863 | 964624  | 2.05% | 0.045% |  |
| 305    | 20.053 | 20.028 | 20.061 | VV | 18595 | 338935  | 0.72% | 0.016% |  |
| 306    | 20.085 | 20.061 | 20.096 | VV | 19015 | 383115  | 0.81% | 0.018% |  |
| 307    | 20.101 | 20.096 | 20.110 | VV | 18563 | 149618  | 0.32% | 0.007% |  |
| 308    | 20.201 | 20.110 | 20.238 | VV | 22255 | 1497187 | 3.18% | 0.069% |  |
| 309    | 20.288 | 20.238 | 20.310 | VV | 23310 | 949974  | 2.02% | 0.044% |  |
| 310    | 20.339 | 20.310 | 20.371 | VV | 24471 | 838515  | 1.78% | 0.039% |  |
| 311    | 20.377 | 20.371 | 20.455 | VV | 21299 | 934308  | 1.98% | 0.043% |  |
| 312    | 20.485 | 20.455 | 20.495 | VV | 20576 | 461522  | 0.98% | 0.021% |  |
| 313    | 20.521 | 20.495 | 20.544 | VV | 20666 | 597276  | 1.27% | 0.028% |  |
| 314    | 20.553 | 20.544 | 20.648 | VV | 21329 | 1010630 | 2.15% | 0.047% |  |
| 315    | 20.655 | 20.648 | 20.664 | VV | 14215 | 135901  | 0.29% | 0.006% |  |
| 316    | 20.692 | 20.664 | 20.712 | VV | 14644 | 389611  | 0.83% | 0.018% |  |
| 317    | 20.734 | 20.712 | 20.752 | VV | 14598 | 330362  | 0.70% | 0.015% |  |
| 318    | 20.836 | 20.752 | 20.910 | VV | 15779 | 1350083 | 2.87% | 0.062% |  |
| 319    | 20.927 | 20.910 | 20.949 | VV | 13344 | 283521  | 0.60% | 0.013% |  |
| 320    | 20.957 | 20.949 | 21.036 | VV | 12295 | 502096  | 1.07% | 0.023% |  |
| 321    | 21.043 | 21.036 | 21.060 | VV | 6857  | 97441   | 0.21% | 0.005% |  |
| 322    | 21.084 | 21.060 | 21.098 | VV | 6943  | 148528  | 0.32% | 0.007% |  |
| 323    | 21.166 | 21.098 | 21.281 | VV | 8845  | 589311  | 1.25% | 0.027% |  |
| 324    | 21.292 | 21.281 | 21.305 | PV | 1228  | 11353   | 0.02% | 0.001% |  |
| 325    | 21.380 | 21.305 | 21.478 | VV | 6653  | 358717  | 0.76% | 0.017% |  |

Sum of corrected areas: 2163062221

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