

Instrument :  
FID\_C  
ClientSampleId :  
OILY-SOILDL

rteres

# Area Percent Report

Manual Integrations  
APPROVED

Sohil  
3/18/2019 4:12:02 PM

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC031519AL\  
Data File : FC039915.D  
Signal(s) : FID1A.CH  
Acq On : 16 Mar 2019 20:19  
Sample : K1895-01DL 10X  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Integration File: sample.E

Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 022219.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         | 3.125       | 3.107        | 3.144      | PV       | 300            | 3765         | 0.09%          | 0.004%        |
| 2         | 3.150       | 3.144        | 3.171      | VV       | 198            | 2214         | 0.05%          | 0.002%        |
| 3         | 3.179       | 3.171        | 3.196      | VV       | 209            | 2082         | 0.05%          | 0.002%        |
| 4         | 3.210       | 3.196        | 3.226      | VV       | 301            | 3251         | 0.08%          | 0.003%        |
| 5         | 3.234       | 3.226        | 3.252      | VV       | 153            | 1601         | 0.04%          | 0.002%        |
| 6         | 3.267       | 3.252        | 3.276      | VV       | 386            | 3565         | 0.08%          | 0.004%        |
| 7         | 3.285       | 3.276        | 3.304      | VV       | 373            | 4152         | 0.10%          | 0.004%        |
| 8         | 3.331       | 3.304        | 3.357      | VV       | 287            | 5229         | 0.12%          | 0.005%        |
| 9         | 3.376       | 3.357        | 3.417      | VV       | 705            | 9682         | 0.23%          | 0.010%        |
| 10        | 3.429       | 3.417        | 3.472      | VV       | 337            | 5928         | 0.14%          | 0.006%        |
| 11        | 3.512       | 3.472        | 3.556      | VV       | 280            | 6825         | 0.16%          | 0.007%        |
| 12        | 3.584       | 3.556        | 3.592      | VV       | 418            | 5197         | 0.12%          | 0.005%        |
| 13        | 3.599       | 3.592        | 3.634      | VV       | 352            | 4662         | 0.11%          | 0.005%        |
| 14        | 3.668       | 3.634        | 3.682      | PV       | 831            | 11363        | 0.27%          | 0.011%        |
| 15        | 3.696       | 3.682        | 3.714      | VV       | 766            | 10023        | 0.23%          | 0.010%        |
| 16        | 3.727       | 3.714        | 3.747      | VV       | 434            | 6274         | 0.15%          | 0.006%        |
| 17        | 3.762       | 3.747        | 3.797      | VV       | 889            | 11187        | 0.26%          | 0.011%        |
| 18        | 3.812       | 3.797        | 3.824      | VV       | 192            | 2673         | 0.06%          | 0.003%        |
| 19        | 3.863       | 3.824        | 3.884      | VV       | 416            | 9848         | 0.23%          | 0.010%        |
| 20        | 3.891       | 3.884        | 3.939      | VV       | 377            | 7407         | 0.17%          | 0.007%        |
| 21        | 3.967       | 3.939        | 3.991      | PV       | 321            | 5582         | 0.13%          | 0.006%        |
| 22        | 4.010       | 3.991        | 4.037      | VV       | 301            | 6012         | 0.14%          | 0.006%        |
| 23        | 4.067       | 4.037        | 4.105      | VV       | 1250           | 20899        | 0.49%          | 0.021%        |
| 24        | 4.123       | 4.105        | 4.149      | VV       | 381            | 5477         | 0.13%          | 0.005%        |
| 25        | 4.173       | 4.149        | 4.192      | VV       | 266            | 4349         | 0.10%          | 0.004%        |
| 26        | 4.216       | 4.192        | 4.224      | VV       | 350            | 5073         | 0.12%          | 0.005%        |
| 27        | 4.238       | 4.224        | 4.272      | VV       | 422            | 9567         | 0.22%          | 0.010%        |
| 28        | 4.282       | 4.272        | 4.295      | VV       | 466            | 4776         | 0.11%          | 0.005%        |
| 29        | 4.311       | 4.295        | 4.349      | VV       | 967            | 16925        | 0.40%          | 0.017%        |
| 30        | 4.365       | 4.349        | 4.394      | VV       | 654            | 12272        | 0.29%          | 0.012%        |
| 31        | 4.407       | 4.394        | 4.417      | VV       | 329            | 3946         | 0.09%          | 0.004%        |
| 32        | 4.431       | 4.417        | 4.457      | VV       | 834            | 11606        | 0.27%          | 0.012%        |
| 33        | 4.469       | 4.457        | 4.492      | VV       | 473            | 7110         | 0.17%          | 0.007%        |
| 34        | 4.507       | 4.492        | 4.549      | VV       | 540            | 8234         | 0.19%          | 0.008%        |
| 35        | 4.575       | 4.549        | 4.586      | PV       | 325            | 4858         | 0.11%          | 0.005%        |
| 36        | 4.608       | 4.586        | 4.645      | VV       | 529            | 12990        | 0.30%          | 0.013%        |

|    |       |       |       |    | rt   | Area  | Area% | Height |
|----|-------|-------|-------|----|------|-------|-------|--------|
| 37 | 4.665 | 4.645 | 4.681 | VV | 848  | 10445 | 0.24% | 0.010% |
| 38 | 4.694 | 4.681 | 4.715 | VV | 799  | 11009 | 0.26% | 0.011% |
| 39 | 4.734 | 4.715 | 4.775 | VV | 1288 | 22579 | 0.53% | 0.022% |
| 40 | 4.793 | 4.775 | 4.819 | VV | 958  | 13903 | 0.32% | 0.014% |
| 41 | 4.881 | 4.819 | 4.896 | VV | 548  | 14358 | 0.34% | 0.014% |
| 42 | 4.902 | 4.896 | 4.958 | VV | 535  | 16350 | 0.38% | 0.016% |
| 43 | 4.991 | 4.958 | 5.014 | VV | 586  | 13855 | 0.32% | 0.014% |
| 44 | 5.025 | 5.014 | 5.067 | VV | 428  | 9234  | 0.22% | 0.009% |
| 45 | 5.090 | 5.067 | 5.142 | PV | 3266 | 51345 | 1.20% | 0.051% |
| 46 | 5.151 | 5.142 | 5.171 | VV | 509  | 7622  | 0.18% | 0.008% |
| 47 | 5.202 | 5.171 | 5.213 | VV | 467  | 9180  | 0.21% | 0.009% |
| 48 | 5.244 | 5.213 | 5.257 | VV | 909  | 16430 | 0.38% | 0.016% |
| 49 | 5.271 | 5.257 | 5.309 | VV | 792  | 16254 | 0.38% | 0.016% |
| 50 | 5.330 | 5.309 | 5.349 | VV | 732  | 10502 | 0.25% | 0.010% |
| 51 | 5.369 | 5.349 | 5.406 | VV | 1272 | 21811 | 0.51% | 0.022% |
| 52 | 5.428 | 5.406 | 5.474 | VV | 590  | 16427 | 0.38% | 0.016% |
| 53 | 5.487 | 5.474 | 5.514 | VV | 452  | 6427  | 0.15% | 0.006% |
| 54 | 5.531 | 5.514 | 5.559 | VV | 510  | 9440  | 0.22% | 0.009% |
| 55 | 5.579 | 5.559 | 5.616 | VV | 998  | 18016 | 0.42% | 0.018% |
| 56 | 5.641 | 5.616 | 5.667 | VV | 1056 | 21272 | 0.50% | 0.021% |
| 57 | 5.680 | 5.667 | 5.699 | VV | 894  | 13827 | 0.32% | 0.014% |
| 58 | 5.723 | 5.699 | 5.751 | VV | 1407 | 25111 | 0.59% | 0.025% |
| 59 | 5.782 | 5.751 | 5.814 | VV | 1352 | 28845 | 0.67% | 0.029% |
| 60 | 5.834 | 5.814 | 5.842 | VV | 347  | 4899  | 0.11% | 0.005% |
| 61 | 5.860 | 5.842 | 5.873 | VV | 520  | 7871  | 0.18% | 0.008% |
| 62 | 5.887 | 5.873 | 5.914 | VV | 632  | 10744 | 0.25% | 0.011% |
| 63 | 5.935 | 5.914 | 5.961 | VV | 739  | 16106 | 0.38% | 0.016% |
| 64 | 5.976 | 5.961 | 5.991 | VV | 615  | 10455 | 0.24% | 0.010% |
| 65 | 6.006 | 5.991 | 6.042 | VV | 695  | 12827 | 0.30% | 0.013% |
| 66 | 6.063 | 6.042 | 6.132 | VV | 4258 | 74942 | 1.75% | 0.075% |
| 67 | 6.145 | 6.132 | 6.156 | VV | 574  | 7145  | 0.17% | 0.007% |
| 68 | 6.172 | 6.156 | 6.186 | VV | 707  | 10022 | 0.23% | 0.010% |
| 69 | 6.206 | 6.186 | 6.256 | VV | 2826 | 49995 | 1.17% | 0.050% |
| 70 | 6.275 | 6.256 | 6.319 | VV | 729  | 19458 | 0.45% | 0.019% |
| 71 | 6.334 | 6.319 | 6.351 | VV | 715  | 10068 | 0.24% | 0.010% |
| 72 | 6.366 | 6.351 | 6.404 | VV | 971  | 19795 | 0.46% | 0.020% |
| 73 | 6.409 | 6.404 | 6.418 | VV | 488  | 3677  | 0.09% | 0.004% |
| 74 | 6.435 | 6.418 | 6.469 | VV | 638  | 12057 | 0.28% | 0.012% |
| 75 | 6.489 | 6.469 | 6.506 | VV | 618  | 8626  | 0.20% | 0.009% |
| 76 | 6.522 | 6.506 | 6.534 | VV | 572  | 8423  | 0.20% | 0.008% |
| 77 | 6.565 | 6.534 | 6.591 | VV | 1228 | 27179 | 0.64% | 0.027% |
| 78 | 6.612 | 6.591 | 6.632 | VV | 1106 | 17094 | 0.40% | 0.017% |
| 79 | 6.656 | 6.632 | 6.696 | VV | 1433 | 27983 | 0.65% | 0.028% |
| 80 | 6.712 | 6.696 | 6.732 | VV | 1045 | 15574 | 0.36% | 0.015% |
| 81 | 6.752 | 6.732 | 6.789 | VV | 2043 | 30973 | 0.72% | 0.031% |
| 82 | 6.807 | 6.789 | 6.822 | VV | 545  | 8149  | 0.19% | 0.008% |
| 83 | 6.840 | 6.822 | 6.879 | VV | 1130 | 19484 | 0.46% | 0.019% |
| 84 | 6.895 | 6.879 | 6.909 | VV | 595  | 8254  | 0.19% | 0.008% |
| 85 | 6.921 | 6.909 | 6.941 | VV | 516  | 9289  | 0.22% | 0.009% |
| 86 | 6.978 | 6.941 | 7.051 | VV | 3784 | 74653 | 1.74% | 0.074% |
| 87 | 7.091 | 7.051 | 7.108 | VV | 592  | 15406 | 0.36% | 0.015% |
| 88 | 7.140 | 7.108 | 7.167 | VV | 846  | 20190 | 0.47% | 0.020% |
| 89 | 7.185 | 7.167 | 7.207 | VV | 509  | 7192  | 0.17% | 0.007% |

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|     |       |       |       |    | retention |        |       |        |
|-----|-------|-------|-------|----|-----------|--------|-------|--------|
| 90  | 7.232 | 7.207 | 7.259 | PV | 586       | 10612  | 0.25% | 0.011% |
| 91  | 7.298 | 7.259 | 7.315 | VV | 735       | 15489  | 0.36% | 0.015% |
| 92  | 7.332 | 7.315 | 7.352 | VV | 580       | 12006  | 0.28% | 0.012% |
| 93  | 7.376 | 7.352 | 7.407 | VV | 746       | 20795  | 0.49% | 0.021% |
| 94  | 7.425 | 7.407 | 7.441 | VV | 1675      | 20878  | 0.49% | 0.021% |
| 95  | 7.449 | 7.441 | 7.477 | VV | 748       | 12408  | 0.29% | 0.012% |
| 96  | 7.515 | 7.477 | 7.526 | VV | 937       | 19310  | 0.45% | 0.019% |
| 97  | 7.539 | 7.526 | 7.572 | VV | 950       | 18743  | 0.44% | 0.019% |
| 98  | 7.590 | 7.572 | 7.622 | VV | 814       | 16482  | 0.39% | 0.016% |
| 99  | 7.655 | 7.622 | 7.677 | VV | 1541      | 24237  | 0.57% | 0.024% |
| 100 | 7.706 | 7.677 | 7.726 | VV | 2518      | 33924  | 0.79% | 0.034% |
| 101 | 7.744 | 7.726 | 7.767 | VV | 635       | 12622  | 0.29% | 0.013% |
| 102 | 7.796 | 7.767 | 7.811 | VV | 656       | 14873  | 0.35% | 0.015% |
| 103 | 7.839 | 7.811 | 7.875 | VV | 2787      | 52926  | 1.24% | 0.053% |
| 104 | 7.886 | 7.875 | 7.913 | VV | 878       | 16502  | 0.39% | 0.016% |
| 105 | 7.962 | 7.913 | 8.041 | VV | 1440      | 53090  | 1.24% | 0.053% |
| 106 | 8.057 | 8.041 | 8.107 | VV | 408       | 11545  | 0.27% | 0.011% |
| 107 | 8.131 | 8.107 | 8.145 | VV | 251       | 5093   | 0.12% | 0.005% |
| 108 | 8.182 | 8.145 | 8.214 | VV | 775       | 17543  | 0.41% | 0.017% |
| 109 | 8.254 | 8.214 | 8.272 | VV | 1396      | 23677  | 0.55% | 0.024% |
| 110 | 8.282 | 8.272 | 8.302 | VV | 800       | 11397  | 0.27% | 0.011% |
| 111 | 8.320 | 8.302 | 8.347 | VV | 1056      | 16198  | 0.38% | 0.016% |
| 112 | 8.365 | 8.347 | 8.402 | VV | 1906      | 27504  | 0.64% | 0.027% |
| 113 | 8.422 | 8.402 | 8.467 | VV | 889       | 13580  | 0.32% | 0.014% |
| 114 | 8.486 | 8.467 | 8.502 | VV | 418       | 5053   | 0.12% | 0.005% |
| 115 | 8.538 | 8.502 | 8.562 | PV | 505       | 12531  | 0.29% | 0.012% |
| 116 | 8.595 | 8.562 | 8.632 | VV | 720       | 20293  | 0.47% | 0.020% |
| 117 | 8.654 | 8.632 | 8.690 | VV | 3310      | 52055  | 1.22% | 0.052% |
| 118 | 8.701 | 8.690 | 8.711 | VV | 453       | 5165   | 0.12% | 0.005% |
| 119 | 8.734 | 8.711 | 8.754 | VV | 663       | 11228  | 0.26% | 0.011% |
| 120 | 8.770 | 8.754 | 8.797 | VV | 473       | 7401   | 0.17% | 0.007% |
| 121 | 8.839 | 8.797 | 8.865 | VV | 1363      | 27564  | 0.64% | 0.027% |
| 122 | 8.920 | 8.865 | 8.942 | VV | 787       | 23897  | 0.56% | 0.024% |
| 123 | 9.001 | 8.942 | 9.059 | VV | 1837      | 55220  | 1.29% | 0.055% |
| 124 | 9.078 | 9.059 | 9.097 | VV | 920       | 14837  | 0.35% | 0.015% |
| 125 | 9.102 | 9.097 | 9.131 | VV | 634       | 7545   | 0.18% | 0.008% |
| 126 | 9.151 | 9.131 | 9.166 | VV | 682       | 10151  | 0.24% | 0.010% |
| 127 | 9.179 | 9.166 | 9.242 | VV | 934       | 24182  | 0.57% | 0.024% |
| 128 | 9.255 | 9.242 | 9.266 | VV | 329       | 3637   | 0.08% | 0.004% |
| 129 | 9.273 | 9.266 | 9.287 | VV | 326       | 2888   | 0.07% | 0.003% |
| 130 | 9.329 | 9.287 | 9.351 | VV | 736       | 17049  | 0.40% | 0.017% |
| 131 | 9.371 | 9.351 | 9.391 | VV | 912       | 17629  | 0.41% | 0.018% |
| 132 | 9.423 | 9.391 | 9.451 | VV | 4078      | 69190  | 1.62% | 0.069% |
| 133 | 9.466 | 9.451 | 9.482 | VV | 1332      | 20315  | 0.47% | 0.020% |
| 134 | 9.491 | 9.482 | 9.513 | VV | 886       | 13837  | 0.32% | 0.014% |
| 135 | 9.524 | 9.513 | 9.533 | VV | 749       | 8766   | 0.20% | 0.009% |
| 136 | 9.556 | 9.533 | 9.563 | VV | 1235      | 17118  | 0.40% | 0.017% |
| 137 | 9.577 | 9.563 | 9.597 | VV | 1459      | 22856  | 0.53% | 0.023% |
| 138 | 9.647 | 9.597 | 9.677 | VV | 1660      | 56852  | 1.33% | 0.057% |
| 139 | 9.697 | 9.677 | 9.719 | VV | 1020      | 19777  | 0.46% | 0.020% |
| 140 | 9.804 | 9.719 | 9.836 | VV | 3338      | 111132 | 2.60% | 0.111% |
| 141 | 9.877 | 9.836 | 9.931 | VV | 2064      | 73234  | 1.71% | 0.073% |

| rteres |        |        |        |    |       |        |        |        |  |
|--------|--------|--------|--------|----|-------|--------|--------|--------|--|
| 142    | 9.948  | 9.931  | 9.979  | VV | 1150  | 26025  | 0.61%  | 0.026% |  |
| 143    | 10.020 | 9.979  | 10.045 | VV | 3226  | 63962  | 1.49%  | 0.064% |  |
| 144    | 10.064 | 10.045 | 10.109 | VV | 2604  | 64553  | 1.51%  | 0.064% |  |
| 145    | 10.155 | 10.109 | 10.199 | VV | 4975  | 118347 | 2.77%  | 0.118% |  |
| 146    | 10.221 | 10.199 | 10.240 | VV | 4282  | 66626  | 1.56%  | 0.066% |  |
| 147    | 10.263 | 10.240 | 10.282 | VV | 8485  | 118618 | 2.77%  | 0.118% |  |
| 148    | 10.294 | 10.282 | 10.327 | VV | 3919  | 59869  | 1.40%  | 0.060% |  |
| 149    | 10.344 | 10.327 | 10.352 | VV | 1022  | 13507  | 0.32%  | 0.013% |  |
| 150    | 10.378 | 10.352 | 10.421 | VV | 4464  | 78701  | 1.84%  | 0.078% |  |
| 151    | 10.441 | 10.421 | 10.459 | VV | 1489  | 24996  | 0.58%  | 0.025% |  |
| 152    | 10.474 | 10.459 | 10.482 | VV | 1216  | 14649  | 0.34%  | 0.015% |  |
| 153    | 10.490 | 10.482 | 10.502 | VV | 1156  | 12514  | 0.29%  | 0.012% |  |
| 154    | 10.528 | 10.502 | 10.581 | VV | 6975  | 115506 | 2.70%  | 0.115% |  |
| 155    | 10.611 | 10.581 | 10.637 | VV | 1193  | 27355  | 0.64%  | 0.027% |  |
| 156    | 10.658 | 10.637 | 10.695 | VV | 917   | 22736  | 0.53%  | 0.023% |  |
| 157    | 10.711 | 10.695 | 10.719 | VV | 700   | 8408   | 0.20%  | 0.008% |  |
| 158    | 10.731 | 10.719 | 10.746 | VV | 690   | 9575   | 0.22%  | 0.010% |  |
| 159    | 10.785 | 10.746 | 10.826 | VV | 11609 | 171071 | 4.00%  | 0.170% |  |
| 160    | 10.850 | 10.826 | 10.907 | VV | 4137  | 78361  | 1.83%  | 0.078% |  |
| 161    | 10.942 | 10.907 | 10.966 | VV | 18562 | 273599 | 6.39%  | 0.272% |  |
| 162    | 10.987 | 10.966 | 11.032 | VV | 15654 | 192292 | 4.49%  | 0.191% |  |
| 163    | 11.071 | 11.032 | 11.101 | VV | 17179 | 200774 | 4.69%  | 0.200% |  |
| 164    | 11.109 | 11.101 | 11.126 | VV | 540   | 7311   | 0.17%  | 0.007% |  |
| 165    | 11.136 | 11.126 | 11.159 | VV | 517   | 8390   | 0.20%  | 0.008% |  |
| 166    | 11.174 | 11.159 | 11.189 | VV | 591   | 8672   | 0.20%  | 0.009% |  |
| 167    | 11.224 | 11.189 | 11.262 | VV | 24864 | 315806 | 7.38%  | 0.314% |  |
| 168    | 11.275 | 11.262 | 11.292 | VV | 828   | 12779  | 0.30%  | 0.013% |  |
| 169    | 11.301 | 11.292 | 11.310 | VV | 582   | 5976   | 0.14%  | 0.006% |  |
| 170    | 11.323 | 11.310 | 11.364 | VV | 761   | 12291  | 0.29%  | 0.012% |  |
| 171    | 11.390 | 11.364 | 11.398 | VV | 564   | 6735   | 0.16%  | 0.007% |  |
| 172    | 11.416 | 11.398 | 11.432 | VV | 659   | 8702   | 0.20%  | 0.009% |  |
| 173    | 11.472 | 11.432 | 11.502 | PV | 39509 | 500187 | 11.69% | 0.498% |  |
| 174    | 11.513 | 11.502 | 11.559 | VV | 4388  | 72099  | 1.68%  | 0.072% |  |
| 175    | 11.588 | 11.559 | 11.596 | VV | 8418  | 104344 | 2.44%  | 0.104% |  |
| 176    | 11.607 | 11.596 | 11.628 | VV | 9623  | 114860 | 2.68%  | 0.114% |  |
| 177    | 11.648 | 11.628 | 11.712 | VV | 9366  | 138075 | 3.23%  | 0.137% |  |
| 178    | 11.737 | 11.712 | 11.765 | VV | 10414 | 123667 | 2.89%  | 0.123% |  |
| 179    | 11.810 | 11.765 | 11.830 | VV | 1048  | 29328  | 0.69%  | 0.029% |  |
| 180    | 11.846 | 11.830 | 11.862 | VV | 1256  | 18483  | 0.43%  | 0.018% |  |
| 181    | 11.889 | 11.862 | 11.942 | VV | 12795 | 194370 | 4.54%  | 0.193% |  |
| 182    | 11.973 | 11.942 | 11.984 | VV | 2291  | 39700  | 0.93%  | 0.039% |  |
| 183    | 12.011 | 11.984 | 12.059 | VV | 2674  | 72073  | 1.68%  | 0.072% |  |
| 184    | 12.068 | 12.059 | 12.079 | VV | 750   | 7391   | 0.17%  | 0.007% |  |
| 185    | 12.132 | 12.079 | 12.199 | VV | 18145 | 357897 | 8.36%  | 0.356% |  |
| 186    | 12.230 | 12.199 | 12.251 | VV | 5730  | 103721 | 2.42%  | 0.103% |  |
| 187    | 12.270 | 12.251 | 12.286 | VV | 4807  | 83577  | 1.95%  | 0.083% |  |
| 188    | 12.311 | 12.286 | 12.331 | VV | 6952  | 127186 | 2.97%  | 0.127% |  |
| 189    | 12.344 | 12.331 | 12.369 | VV | 2887  | 54723  | 1.28%  | 0.054% |  |
| 190    | 12.409 | 12.369 | 12.423 | VV | 4629  | 99549  | 2.33%  | 0.099% |  |
| 191    | 12.449 | 12.423 | 12.469 | VV | 9741  | 174427 | 4.08%  | 0.174% |  |
| 192    | 12.485 | 12.469 | 12.522 | VV | 6456  | 170074 | 3.97%  | 0.169% |  |
| 193    | 12.546 | 12.522 | 12.560 | VV | 8312  | 151153 | 3.53%  | 0.150% |  |
| 194    | 12.585 | 12.560 | 12.661 | VV | 37588 | 783893 | 18.32% | 0.780% |  |

Instrument :  
FID\_C  
ClientSampleId :  
OILY-SOILDL

Manual Integrations  
APPROVED

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Instrument :  
FID\_C  
ClientSampleId :  
OILY-SOILD

Manual Integrations  
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|     |        |        |        |    | rt     | Area    | Area%  | Height |
|-----|--------|--------|--------|----|--------|---------|--------|--------|
| 195 | 12.718 | 12.661 | 12.737 | VV | 10685  | 328764  | 7.68%  | 0.327% |
| 196 | 12.755 | 12.737 | 12.782 | VV | 12365  | 245279  | 5.73%  | 0.244% |
| 197 | 12.801 | 12.782 | 12.822 | VV | 8440   | 169407  | 3.96%  | 0.169% |
| 198 | 12.848 | 12.822 | 12.867 | VV | 19346  | 360774  | 8.43%  | 0.359% |
| 199 | 12.882 | 12.867 | 12.921 | VV | 15906  | 405930  | 9.49%  | 0.404% |
| 200 | 12.971 | 12.921 | 12.996 | VV | 12994  | 480027  | 11.22% | 0.478% |
| 201 | 13.008 | 12.996 | 13.023 | VV | 13039  | 192710  | 4.50%  | 0.192% |
| 202 | 13.042 | 13.023 | 13.061 | VV | 15413  | 288693  | 6.75%  | 0.287% |
| 203 | 13.103 | 13.061 | 13.116 | VV | 19107  | 479184  | 11.20% | 0.477% |
| 204 | 13.133 | 13.116 | 13.146 | VV | 18556  | 303278  | 7.09%  | 0.302% |
| 205 | 13.160 | 13.146 | 13.212 | VV | 21514  | 611300  | 14.29% | 0.608% |
| 206 | 13.233 | 13.212 | 13.247 | VV | 14639  | 267461  | 6.25%  | 0.266% |
| 207 | 13.264 | 13.247 | 13.282 | VV | 15838  | 271164  | 6.34%  | 0.270% |
| 208 | 13.333 | 13.282 | 13.355 | VV | 16603  | 584292  | 13.65% | 0.581% |
| 209 | 13.378 | 13.355 | 13.388 | VV | 18683  | 307839  | 7.19%  | 0.306% |
| 210 | 13.412 | 13.388 | 13.425 | VV | 21754  | 430952  | 10.07% | 0.429% |
| 211 | 13.436 | 13.425 | 13.466 | VV | 20097  | 423997  | 9.91%  | 0.422% |
| 212 | 13.488 | 13.466 | 13.501 | VV | 18265  | 331357  | 7.74%  | 0.330% |
| 213 | 13.533 | 13.501 | 13.567 | VV | 18276  | 606659  | 14.18% | 0.604% |
| 214 | 13.592 | 13.567 | 13.617 | VV | 20096  | 449562  | 10.51% | 0.447% |
| 215 | 13.641 | 13.617 | 13.668 | VV | 20727  | 527081  | 12.32% | 0.524% |
| 216 | 13.688 | 13.668 | 13.707 | VV | 24659  | 441543  | 10.32% | 0.439% |
| 217 | 13.749 | 13.707 | 13.793 | VV | 23864  | 871012  | 20.35% | 0.867% |
| 218 | 13.813 | 13.793 | 13.861 | VV | 15735  | 507612  | 11.86% | 0.505% |
| 219 | 13.896 | 13.861 | 13.909 | VV | 25663  | 598949  | 14.00% | 0.596% |
| 220 | 13.922 | 13.909 | 13.939 | VV | 34092  | 507040  | 11.85% | 0.504% |
| 221 | 13.956 | 13.939 | 13.972 | VV | 27787  | 475987  | 11.12% | 0.474% |
| 222 | 13.988 | 13.972 | 14.024 | VV | 27500  | 637860  | 14.91% | 0.635% |
| 223 | 14.050 | 14.024 | 14.091 | VV | 21833  | 596695  | 13.94% | 0.594% |
| 224 | 14.145 | 14.091 | 14.154 | VV | 27426  | 778093  | 18.18% | 0.774% |
| 225 | 14.186 | 14.154 | 14.209 | VV | 44280  | 1065497 | 24.90% | 1.060% |
| 226 | 14.239 | 14.209 | 14.307 | VV | 38114  | 1577025 | 36.85% | 1.569% |
| 227 | 14.328 | 14.307 | 14.344 | VV | 26112  | 444959  | 10.40% | 0.443% |
| 228 | 14.375 | 14.344 | 14.392 | VV | 42777  | 924446  | 21.60% | 0.920% |
| 229 | 14.416 | 14.392 | 14.434 | VV | 68051  | 1250507 | 29.22% | 1.244% |
| 230 | 14.456 | 14.434 | 14.483 | VV | 48541  | 1201924 | 28.09% | 1.196% |
| 231 | 14.500 | 14.483 | 14.522 | VV | 44610  | 737659  | 17.24% | 0.734% |
| 232 | 14.535 | 14.522 | 14.559 | VV | 23850  | 459872  | 10.75% | 0.457% |
| 233 | 14.633 | 14.559 | 14.642 | VV | 50289  | 1433498 | 33.50% | 1.426% |
| 234 | 14.666 | 14.642 | 14.699 | VV | 90800  | 2170236 | 50.72% | 2.159% |
| 235 | 14.716 | 14.699 | 14.728 | VV | 66297  | 926564  | 21.65% | 0.922% |
| 236 | 14.743 | 14.728 | 14.794 | VV | 61915  | 1809013 | 42.28% | 1.800% |
| 237 | 14.828 | 14.794 | 14.846 | VV | 54349  | 1147422 | 26.81% | 1.141% |
| 238 | 14.880 | 14.846 | 14.895 | VV | 71229  | 1694107 | 39.59% | 1.685% |
| 239 | 14.918 | 14.895 | 14.971 | VV | 115355 | 3343239 | 78.13% | 3.326% |
| 240 | 14.998 | 14.971 | 15.036 | VV | 66658  | 1599381 | 37.38% | 1.591% |
| 241 | 15.075 | 15.036 | 15.091 | VV | 36375  | 969995  | 22.67% | 0.965% |
| 242 | 15.119 | 15.091 | 15.151 | VV | 108127 | 2745211 | 64.15% | 2.731% |
| 243 | 15.173 | 15.151 | 15.209 | VV | 114871 | 3144733 | 73.49% | 3.128% |
| 244 | 15.222 | 15.209 | 15.240 | VV | 77006  | 1208290 | 28.24% | 1.202% |
| 245 | 15.256 | 15.240 | 15.290 | VV | 73873  | 1733698 | 40.52% | 1.725% |
| 246 | 15.308 | 15.290 | 15.325 | VV | 57545  | 1066938 | 24.93% | 1.061% |

| rteres |        |        |        |    |        |         |         |        |
|--------|--------|--------|--------|----|--------|---------|---------|--------|
| 247    | 15.366 | 15.325 | 15.382 | VV | 116493 | 2519800 | 58.89%  | 2.507% |
| 248    | 15.412 | 15.382 | 15.455 | VV | 116308 | 3550876 | 82.98%  | 3.533% |
| 249    | 15.476 | 15.455 | 15.507 | VV | 76555  | 1561111 | 36.48%  | 1.553% |
| 250    | 15.612 | 15.507 | 15.629 | VV | 93043  | 4279121 | 100.00% | 4.257% |
| 251    | 15.659 | 15.629 | 15.709 | VV | 131589 | 4103446 | 95.89%  | 4.082% |
| 252    | 15.731 | 15.709 | 15.756 | VV | 73200  | 1601030 | 37.41%  | 1.593% |
| 253    | 15.774 | 15.756 | 15.796 | VV | 50499  | 1085392 | 25.36%  | 1.080% |
| 254    | 15.832 | 15.796 | 15.869 | VV | 83506  | 2827033 | 66.07%  | 2.812% |
| 255    | 15.889 | 15.869 | 15.920 | VV | 102850 | 2170862 | 50.73%  | 2.160% |
| 256    | 15.937 | 15.920 | 15.967 | VV | 53936  | 1173235 | 27.42%  | 1.167% |
| 257    | 16.003 | 15.967 | 16.017 | VV | 38272  | 957151  | 22.37%  | 0.952% |
| 258    | 16.062 | 16.017 | 16.089 | VV | 63743  | 2265980 | 52.95%  | 2.254% |
| 259    | 16.108 | 16.089 | 16.124 | VV | 88219  | 1544049 | 36.08%  | 1.536% |
| 260    | 16.137 | 16.124 | 16.166 | VV | 77154  | 1348659 | 31.52%  | 1.342% |
| 261    | 16.194 | 16.166 | 16.234 | VV | 52474  | 1488147 | 34.78%  | 1.480% |
| 262    | 16.241 | 16.234 | 16.260 | VV | 30219  | 443401  | 10.36%  | 0.441% |
| 263    | 16.291 | 16.260 | 16.325 | VV | 47124  | 1438747 | 33.62%  | 1.431% |
| 264    | 16.349 | 16.325 | 16.374 | VV | 65854  | 1277528 | 29.85%  | 1.271% |
| 265    | 16.391 | 16.374 | 16.446 | VV | 36022  | 1015894 | 23.74%  | 1.011% |
| 266    | 16.466 | 16.446 | 16.482 | VV | 21107  | 408023  | 9.54%   | 0.406% |
| 267    | 16.510 | 16.482 | 16.531 | VV | 35167  | 799924  | 18.69%  | 0.796% |
| 268    | 16.552 | 16.531 | 16.575 | VV | 38145  | 838880  | 19.60%  | 0.835% |
| 269    | 16.595 | 16.575 | 16.617 | VV | 40211  | 685811  | 16.03%  | 0.682% |
| 270    | 16.641 | 16.617 | 16.671 | VV | 26214  | 599057  | 14.00%  | 0.596% |
| 271    | 16.699 | 16.671 | 16.717 | VV | 14978  | 376340  | 8.79%   | 0.374% |
| 272    | 16.739 | 16.717 | 16.767 | VV | 19348  | 436113  | 10.19%  | 0.434% |
| 273    | 16.794 | 16.767 | 16.817 | VV | 27561  | 539886  | 12.62%  | 0.537% |
| 274    | 16.834 | 16.817 | 16.876 | VV | 15039  | 381426  | 8.91%   | 0.379% |
| 275    | 16.882 | 16.876 | 16.899 | VV | 7289   | 91732   | 2.14%   | 0.091% |
| 276    | 16.943 | 16.899 | 16.969 | VV | 13894  | 394372  | 9.22%   | 0.392% |
| 277    | 16.987 | 16.969 | 17.012 | VV | 13043  | 238391  | 5.57%   | 0.237% |
| 278    | 17.035 | 17.012 | 17.057 | VV | 16966  | 279135  | 6.52%   | 0.278% |
| 279    | 17.068 | 17.057 | 17.108 | VV | 8872   | 175155  | 4.09%   | 0.174% |
| 280    | 17.113 | 17.108 | 17.147 | VV | 4125   | 86613   | 2.02%   | 0.086% |
| 281    | 17.172 | 17.147 | 17.194 | VV | 5230   | 117436  | 2.74%   | 0.117% |
| 282    | 17.223 | 17.194 | 17.248 | VV | 8022   | 168954  | 3.95%   | 0.168% |
| 283    | 17.272 | 17.248 | 17.331 | VV | 11951  | 242317  | 5.66%   | 0.241% |
| 284    | 17.347 | 17.331 | 17.393 | VV | 2721   | 90570   | 2.12%   | 0.090% |
| 285    | 17.420 | 17.393 | 17.444 | VV | 4377   | 92790   | 2.17%   | 0.092% |
| 286    | 17.462 | 17.444 | 17.516 | VV | 4851   | 105494  | 2.47%   | 0.105% |
| 287    | 17.552 | 17.516 | 17.562 | VV | 2236   | 41523   | 0.97%   | 0.041% |
| 288    | 17.588 | 17.562 | 17.614 | VV | 6872   | 108833  | 2.54%   | 0.108% |
| 289    | 17.635 | 17.614 | 17.658 | VV | 1575   | 32942   | 0.77%   | 0.033% |
| 290    | 17.692 | 17.658 | 17.764 | VV | 8953   | 177548  | 4.15%   | 0.177% |
| 291    | 17.784 | 17.764 | 17.809 | VV | 835    | 16082   | 0.38%   | 0.016% |
| 292    | 17.832 | 17.809 | 17.857 | VV | 750    | 16588   | 0.39%   | 0.017% |
| 293    | 17.870 | 17.857 | 17.909 | VV | 903    | 17783   | 0.42%   | 0.018% |
| 294    | 17.959 | 17.909 | 17.986 | VV | 744    | 21290   | 0.50%   | 0.021% |
| 295    | 18.026 | 17.986 | 18.047 | VV | 1023   | 22257   | 0.52%   | 0.022% |
| 296    | 18.100 | 18.047 | 18.166 | VV | 7848   | 145783  | 3.41%   | 0.145% |
| 297    | 18.186 | 18.166 | 18.207 | VV | 742    | 13038   | 0.30%   | 0.013% |
| 298    | 18.219 | 18.207 | 18.245 | VV | 843    | 11376   | 0.27%   | 0.011% |
| 299    | 18.282 | 18.245 | 18.302 | PV | 718    | 16611   | 0.39%   | 0.017% |

Instrument :  
FID\_C  
ClientSampleId :  
OILY-SOILD

Manual Integrations  
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Instrument :  
FID\_C  
ClientSampleId :  
OILY-SOILDL

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|     |        |        |        |    | rt   | Area   | Area% | Area%  |
|-----|--------|--------|--------|----|------|--------|-------|--------|
| 300 | 18.336 | 18.302 | 18.350 | VV | 746  | 16921  | 0.40% | 0.017% |
| 301 | 18.369 | 18.350 | 18.381 | VV | 871  | 14841  | 0.35% | 0.015% |
| 302 | 18.392 | 18.381 | 18.416 | VV | 1029 | 18511  | 0.43% | 0.018% |
| 303 | 18.495 | 18.416 | 18.528 | VV | 5779 | 143532 | 3.35% | 0.143% |
| 304 | 18.539 | 18.528 | 18.579 | VV | 1191 | 29798  | 0.70% | 0.030% |
| 305 | 18.604 | 18.579 | 18.628 | VV | 1141 | 29295  | 0.68% | 0.029% |
| 306 | 18.666 | 18.628 | 18.690 | VV | 1598 | 47078  | 1.10% | 0.047% |
| 307 | 18.706 | 18.690 | 18.716 | VV | 1369 | 19966  | 0.47% | 0.020% |
| 308 | 18.741 | 18.716 | 18.752 | VV | 1972 | 33917  | 0.79% | 0.034% |
| 309 | 18.820 | 18.752 | 18.851 | VV | 4013 | 139710 | 3.26% | 0.139% |
| 310 | 18.880 | 18.851 | 18.938 | VV | 5672 | 164587 | 3.85% | 0.164% |
| 311 | 18.969 | 18.938 | 19.016 | VV | 7217 | 188243 | 4.40% | 0.187% |
| 312 | 19.035 | 19.016 | 19.046 | VV | 2811 | 46569  | 1.09% | 0.046% |
| 313 | 19.065 | 19.046 | 19.090 | VV | 2989 | 72301  | 1.69% | 0.072% |
| 314 | 19.193 | 19.090 | 19.217 | VV | 3763 | 250531 | 5.85% | 0.249% |
| 315 | 19.253 | 19.217 | 19.288 | VV | 6459 | 201466 | 4.71% | 0.200% |
| 316 | 19.308 | 19.288 | 19.317 | VV | 4266 | 67931  | 1.59% | 0.068% |
| 317 | 19.336 | 19.317 | 19.343 | VV | 4086 | 61431  | 1.44% | 0.061% |
| 318 | 19.368 | 19.343 | 19.391 | VV | 4838 | 128959 | 3.01% | 0.128% |
| 319 | 19.406 | 19.391 | 19.413 | VV | 4666 | 59344  | 1.39% | 0.059% |
| 320 | 19.442 | 19.413 | 19.455 | VV | 4795 | 116877 | 2.73% | 0.116% |

Sum of corrected areas: 100519758

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